AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1173-RGA	8/14/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	DREAMHOST LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
See attached Notice of Voluntary Dismissal

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	N. Selwyn	8/21/2019

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1174-RGA	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	HILL HOLLIDAY LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
see attached Order

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	N. Selmyer	8/9/2019

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1175-RGA	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	HOSTWAY SERVICES, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
See attached Notice of Voluntary Dismissal

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	N. Selmyr	8/9/2019

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1177-RGA	8/9/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	LIQUID WEB, LLC,

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
see attached order

CLERK	(BY) DEPUTY CLERK	DATE
John A Cerro	N. Schuyler	8/9/2019

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1180-RGA	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MCCANN RELATIONSHIP MARKETING, LLC d/b/a MRM MCCANN

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above---entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above---entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
As attached Order

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	N. Selmyer	8/9/2019

Copy 1---Upon initiation of action, mail this copy to Director Copy 3---Upon termination of action, mail this copy to Director
Copy 2---Upon filing document adding patent(s), mail this copy to Director Copy 4---Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1181-RGA	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	NAMECHEAP INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
see attached Order

CLERK	(BY) DEPUTY CLERK	DATE
John A Cerino	N. Klemzer	9/16/2019

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5102 GW	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	NETLANCERS INC. d/b/a INDIANIC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
Voluntary Dismissal

CLERK	(BY) DEPUTY CLERK	DATE
Kiry K. Gray	/s/ Margo Mead	12/16/2019

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5110 GW-Ex	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	POSSIBLE WORLDWIDE, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,063,755 B2	6/23/2015	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading		
	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1			
2			
3			
4			
5			

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
Voluntary Dismissal

CLERK	(BY) DEPUTY CLERK	DATE
Kiry Gray	/s/ Margo Mead	10/21/2019

Copy 1---Upon initiation of action, mail this copy to Director Copy 3---Upon termination of action, mail this copy to Director
Copy 2---Upon filing document adding patent(s), mail this copy to Director Copy 4---Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court of Delaware on the following

☐ Trademarks or ☐ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	10/11/2019	of Delaware

PLAINTIFF	DEFENDANT
Express Mobile, Inc.	Web.com Group, Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	U.S. 6,546,397	4/8/2003	Express Mobile, Inc.
2	U.S. 7,594,168	9/22/2009	Express Mobile, Inc.
3	U.S. 9,063,755	6/23/2015	Express Mobile, Inc.
4	U.S. 9,471,287	10/18/2016	Express Mobile, Inc.
5	U.S. 9,928,044	3/27/2018	Express Mobile, Inc.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court of Delaware on the following

☐ Trademarks or ☐ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	10/11/2019	of Delaware

PLAINTIFF	DEFENDANT
Express Mobile, Inc.	GoDaddy.com, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	U.S. 6,546,397	4/8/2003	Express Mobile, Inc.
2	U.S. 7,594,168	9/22/2009	Express Mobile, Inc.
3	U.S. 9,063,755	6/23/2015	Express Mobile, Inc.
4	U.S. 9,471,287	10/18/2016	Express Mobile, Inc.
5	U.S. 9,928,044	3/27/2018	Express Mobile, Inc.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5091 GW	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ADD2NET, INC. d/b/a LUNARPAGES

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
NOTICE OF DISMISSAL

CLERK	(BY) DEPUTY CLERK	DATE
Kiry K Gray	Lori Muraoka	10/4/2019

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5106	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	SIGMA INFOSOLUTIONS INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
Notice RE Intra District Transfer by Clerk of Court. Case Terminated 6/13/19

CLERK	(BY) DEPUTY CLERK	DATE
Kiry K. Gray	Trina DeBose	7/26/19

Copy 1---Upon initiation of action, mail this copy to Director Copy 3---Upon termination of action, mail this copy to Director
Copy 2---Upon filing document adding patent(s), mail this copy to Director Copy 4---Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-05097	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	INMOTION HOSTING, INC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5105	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	PERFICIENT, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5091	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ADD2NET, INC. d/b/a LUNARPAGES

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5093	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	EVOLVE MEDIA, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5102	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	NETLANCERS INC. d/b/a INDIANIC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5106	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	SIGMA INFOSOLUTIONS INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5110	6/12/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	POSSIBLE WORLDWIDE, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,063,755 B2	6/23/2015	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:19-cv-5155	6/13/2019	for the Central District of California

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ADVANTAGE AMP, INC. d/b/a AMP AGENCY

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
18-cv-1169-RGA	8/3/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BORN GROUP INC.

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3		
4		
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
See attached order

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	M. Kleyn	5/8/2019

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1183-RGA	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	RACKSPACE HOSTING, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
See attached Order

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	N. Hemza	5/29/2019

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1167-RGA	8/3/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BIG SPACESHIP LLC,

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
see attached Notice of Voluntary Dismissal

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	N. Selwyn	1/30/2019

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	3/1/2019	for the District of Delaware

PLAINTIFF	DEFENDANT
SHOPIFY INC. AND SHOPIFY (USA), INC.	EXPRESS MOBILE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	6,546,397	4/8/2003	Express Mobile
2	7,594,168	9/22/2009	Express Mobile
3	9,063,755	6/23/2015	Express Mobile
4	9,471,287	10/18/2016	Express Mobile
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-703-RGA	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	eGROVE SYSTEMS CORPORATION

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
See attached Order

CLERK	(BY) DEPUTY CLERK	DATE
Tom A. Cerino	J. Salmon	2/28/19

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1181-RGA	10/25/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	NAMECHEAP INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-775		for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	JIVA INFOTECH, INC. d/b/a I95DEV

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendant Jiva Infotech, Inc. d/b/a I95DEV are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	ch	1/4/17

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-811		for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	AMPLIFI COMMERCE, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendant Amplifi Commerce, LLC are hereby dismissed with prejudice

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	ch	1/4/17

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-923	8/19/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ASTOUND COMMERCE CORPORATION

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendant Astound Commerce Corporation are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	ch	**1/4/17**

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-924	8/19/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	OSF GLOBAL SERVICES INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendant OSF Global Services Inc. are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	ch	1/4/17

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	HILL HOLLIDAY LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/3/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BIG SPACESHIP LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	DREAMHOST, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ICROSSING, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1168-RGA	10/11/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BLUE STATE DIGITAL INC.,

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	HOSTWAY SERVICES, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	LIQUID WEB, LLC,

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:18-cv-1183-RGA	10/11/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	RACKSPACE HOSTING, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4	US 9,928,044 B2	3/27/2018	Express Mobile, Inc.
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MARTIN RETAIL GROUP, LLC,

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
18cv1182	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	PUBLICIS HAWKEYE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:		REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
	Mail Stop 8 **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	DOMANI STUDIOS LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	SG HOSTING INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/3/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ALLOY MARKETING AND PROMOTIONS, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ROCKFISH INTERACTIVE LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	WPENGINE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
18cv1163	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	RACKSPACE HOSTING, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
18cv1163	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	RACKSPACE HOSTING, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	HOSTWAY SERVICES, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ICROSSING, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	LIQUID WEB, LLC,

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MONDO INTERNATIONAL, LLC,

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
18cv1182	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	PUBLICIS HAWKEYE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/3/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ALLOY MARKETING AND PROMOTIONS, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/3/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BIG SPACESHIP LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/3/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BLUE STATE DIGITAL INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/3/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BORN GROUP INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	DREAMHOST, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	HILL HOLLIDAY LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MARTIN RETAIL GROUP, LLC,

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MCCANN RELATIONSHIP MARKETING, LLC d/b/a MRM MCCANN

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	8/4/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	NAMECHEAP INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MANIFEST LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/26/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	AXELERANT TECHNOLOGIES, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/26/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	FILOBLU USA CORP.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-130	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	SVANACO, INC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-128	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	KTREE COMPUTER SOLUTIONS INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
18cv154	1/26/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	FULCRUM WORLDWIDE INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/26/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	FILOBLU USA CORP.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/26/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	AXELERANT TECHNOLOGIES, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MANIFEST LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ROCKFISH INTERACTIVE LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	DOMANI STUDIOS LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	SG HOSTING INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	1/17/2018	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	WPENGINE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	SALZER TECHNOLOGIES, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	WEBFLOW, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
Case closed per notice of dismissal (See Attached).

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	/s/ Larisha Hicks	10/4/2017

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BRAINVIRE INFOTECH, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
Case closed per notice of dismissal. (SEE ATTACHED)

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino		10/4/2017

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MOBIKASA, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
Case closed per notice of dismissal. (See Attached)

CLERK	(BY) DEPUTY CLERK	DATE
John A. Cerino	/s/ Larisha Hicks	10/4/2017

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	EPAGES INC. and EPAGES GMBH

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	APPGYVER INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Northern District of Illinois on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-3815	5/22/2017	Northern District of Illinois

PLAINTIFF	DEFENDANT
Express Mobile, Inc.	Alpine Consulting, Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
Thomas G. Bruton	L. Fairley	5/23/2017

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ICREON TECH, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-129	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	OPTAROS, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-128	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	KTREE COMPUTER SOLUTIONS INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-126	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ALPINE CONSULTING, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	SALZER TECHNOLOGIES, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	6/9/2017	for the District of Delaware

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	MOBIKASA, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

TO: **Mail Stop 8** **Director of the U.S. Patent & Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Northern District of California on the following:
(x) Patents or ( ) Trademarks

DOCKET NO: 17-cv-02605-JCS

DATE FILED: May 5, 2017

UNITED STATES DISCTRICT COURT
Phillip Burton Federal Building
450 Golden Gate Avenue
San Francisco, CA 94102

PLAINTIFF: X.Commerce, Inc. d/b/a Magento, Inc.

DEFENDANT: Express Mobile, Inc.

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1. 6546397		~~See attached copy of Complaint~~
2. 7594168		
3.		
4.		
5.		

In the above-entitled case, the following patent(s) have been included.

DATE INCLUDED INCLUDED BY:
( ) Amendment ( ) Answer ( ) Cross Bill ( ) Other Pleading

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1.		
2.		
3.		
4.		
5.		

In the above-entitled case, the following decision has been rendered or judgment issued:

DECISION/JUDGEMENT:

Susan Y. Soong
Susan Y. Soong, Clerk

(by) Deputy Clerk, Maria Loo

*Copy 1 – Upon initiation of action, mail this copy to Commissioner
Copy 2 – Upon filing document adding patent(s) mail this copy to Commissioner
Copy 3 – Upon termination of action, mail this copy to the Commissioner
Copy 4 – Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Northern District of Illinois on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-3815	5/22/2017	Northern District of Illinois

PLAINTIFF	DEFENDANT
Express Mobile, Inc.	Alpine Consulting, Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
Thomas G. Bruton	L. Fairley	5/23/2017

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-127	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	FORIX LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendant Forix LLC are hereby dismissed with prejudice

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	ch	5/18/17

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:17-cv-64	1/19/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	VOLUSION, LLC and KIBO SOFTWARE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendants Volusion, LLC and Kibo Software, Inc., in Civil Action No. 2:17-cv-64. are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	Nakisha Love	5/12/17

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-1412	12/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	GUIDANCE SOLUTIONS, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Guidance Solutions, Inc. are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	Nakisha Love	5/12/17

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:17-cv-65	1/19/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	WAVEMAKER, INC. and PRAMATI TECHNOLOGIES PREVIATE LIMITED

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit against Defendants WaveMaker, Inc. and Pramati Technologies Private Limited are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	Sonja Oliver	4/17/2017

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-906	8/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	WEEBLY, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit against Defendant Weebly, Inc. are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	ch	10/28/16

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-1414	12/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	LYONS HOLDING CO. INC. and LYONS CONSULTING GROUP, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit against Defendants Lyons Holding Co. Inc. and Lyons Consulting Group, LLC are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	Nakisha Love	3/13/17

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-00384	4/8/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BIGCOMMERCE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all calims asserted in this suit against Defendant BigCommerce, Inc. are hereby dismissed without prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	Nakisha Love	6/30/16

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT for the Eastern District of Texas
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT WEBS, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	U.S. 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	U.S. 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:17-cv-160	2/27/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BIGCOMMERCE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-922	8/19/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	DIGITAL EVOLUTION GROUP, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendant Digital Evolution Group, LLC are hereby dismissed with prejudice

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	Nakisha Love	2/27/17

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-1411	12/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BLUE ACORN, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit by Plaintiff Express Mobile, Inc. against Defendant Blue Acorn, Inc. are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	Sonja Oliver	2/27/2017

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-129	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	OPTAROS, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-126	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ALPINE CONSULTING, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
17-cv-127	2/14/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	FORIX LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-1413	12/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	COALITION TECHNOLOGIES LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
NOTICE OF VOLUNTARY DISMISSAL WITHOUT PREJUDICE.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	CH	**2/10/17**

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:17-cv-65	1/19/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	WAVEMAKER, INC. and PRAMATI TECHNOLOGIES PREVIATE LIMITED

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:17-cv-64	1/19/2017	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	VOLUSION, LLC and KIBO SOFTWARE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3	US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-1411	12/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BLUE ACORN, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-1412	12/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	GUIDANCE SOLUTIONS, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-1413	12/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	COALITION TECHNOLOGIES LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-1414	12/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	LYONS HOLDING CO. INC. and LYONS CONSULTING GROUP, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-906	8/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	WEEBLY, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all claims asserted in this suit against Defendant Weebly, Inc. are hereby dismissed with prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	ch	10/28/16

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-906	8/15/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	WEEBLY, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-922	8/19/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	DIGITAL EVOLUTION GROUP, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-923	8/19/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	ASTOUND COMMERCE CORPORATION

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-924	8/19/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	OSF GLOBAL SERVICES INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-811		for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	AMPLIFI COMMERCE, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-775		for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	JIVA INFOTECH, INC. d/b/a I95DEV

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director **Copy 3—Upon termination of action, mail this copy to Director**
Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-00384	4/8/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BIGCOMMERCE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
ORDERED, ADJUDGED AND DECREED that all calims asserted in this suit against Defendant BigCommerce, Inc. are hereby dismissed without prejudice.

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	Nakisha Love	**6/30/16**

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:16-cv-00384	4/8/2016	for the Eastern District of Texas

PLAINTIFF	DEFENDANT
EXPRESS MOBILE, INC.	BIGCOMMERCE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2	US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	4/8/2016	for the District of Delaware

PLAINTIFF	DEFENDANT
TAKEDA PHARMACEUTICAL COMPANY, et al.,	TEVA PHARMACEUTICALS USA, INC., et al.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	6,328,994 B1	12/11/2001	Takeda Pharmaceutical Company Limited
2	7,431,942 B2	10/7/2008	Takeda Pharmaceutical Company Limited
3	7,875,292 B2	1/25/2011	Takeda Pharmaceutical Company Limited
4	7,399,485 B1	7/15/2008	Takeda Pharmaceutical Company Limited
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1---Upon initiation of action, mail this copy to Director Copy 3---Upon termination of action, mail this copy to Director
Copy 2---Upon filing document adding patent(s), mail this copy to Director Copy 4---Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the District of Delaware on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
	4/8/2016	for the District of Delaware

PLAINTIFF	DEFENDANT
TAKEDA PHARMACEUTICAL COMPANY, et al.,	TEVA PHARMACEUTICALS USA, INC., et al.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	6,328,994 B1	12/11/2001	Takeda Pharmaceutical Company Limited
2	7,431,942 B2	10/7/2008	Takeda Pharmaceutical Company Limited
3	7,875,292 B2	1/25/2011	Takeda Pharmaceutical Company Limited
4	7,399,485 B1	7/15/2008	Takeda Pharmaceutical Company Limited
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1---Upon initiation of action, mail this copy to Director Copy 3---Upon termination of action, mail this copy to Director
Copy 2---Upon filing document adding patent(s), mail this copy to Director Copy 4---Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court US District Court, Southern District of Florida (Broward) on the following

☑ Trademarks or ☐ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
16-CV-60777	4/8/2016	US District Court, Southern District of Florida (Broward)

PLAINTIFF	DEFENDANT
Adidas AG et al	adidasneoshoes.cc et al

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	891,222	5/19/1970	
2	1,133,704	4/22/1980	
3	2,860,283	7/6/2004	
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
Steven M. Larimore	Patrick Edwards	4/8/2016 Format m/d/yyyy

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

Print Save As... Reset

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	09/22/2009	7594168	XPR.001US1	3877

40280 7590 09/02/2009

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 1100 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Steven H. Rempell, Novato, CA;

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

40280 7590 05/13/2009

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	XPR.001US1	3877

TITLE OF INVENTION: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$755	$300	$0	$1055	08/13/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
QUELER, ADAM M	2178	715-234000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 Steven R. Vosen
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

AKIRA TECHNOLOGIES, INC.

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☑ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:
☑ Issue Fee
☑ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)
☐ A check is enclosed.
☑ Payment by credit card. Paid through EFS-Web
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)
☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Steven R. Vosen Date August 10, 2009

Typed or printed name Steven R. Vosen Registration No. 45,186

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Electronic Patent Application Fee Transmittal	
Application Number:	10351182
Filing Date:	24-Jan-2003
Title of Invention:	BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE
First Named Inventor/Applicant Name:	Steven H. Rempell
Filer:	Steven R Vosen
Attorney Docket Number:	XPR.001US1
Filed as Small Entity	

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	2501	1	755	755
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**1055**

Electronic Acknowledgement Receipt	
EFS ID:	5855822
Application Number:	10351182
International Application Number:	
Confirmation Number:	3877
Title of Invention:	BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen
Filer Authorized By:	
Attorney Docket Number:	XPR.001US1
Receipt Date:	11-AUG-2009
Filing Date:	24-JAN-2003
Time Stamp:	15:49:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$1055
RAM confirmation Number	1894
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1	Miscellaneous Incoming Letter	XPR001US1_Issue_Fee_Trans_Letter.pdf	57032 2e3006a9db0b0146d0f0fcde929ccf711051c411	no	1
Warnings:					
Information:					
2	Issue Fee Payment (PTO-85B)	XPR001US1_Issue_Fee_Transmittal.pdf	392967 82a83bfd89b7cd6d94cd9543217d880cca0c9ccd	no	1
Warnings:					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	31599 a36abb0d531a044a9578846763c02ad5478db387	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	481598	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number: 10/351,182 Confirmation Number: 3877

Title: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

Attorney Docket Number: XPR.001US1

ISSUE FEE TRANSMITTAL LETTER

Commissioner for Patents
Mail Stop Issue Fee
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following:

1. X Issue Fee Transmittal (PTOL-85B).

2. _____ A check in the amount of $_____ is enclosed.

3. X Payment by credit card via EFS-Web in the amount of $1,055.00.

4. _____ A verified statement claiming small entity status is enclosed, since this application has now been assigned.

5. _____ An amendment under 37 CFR 1.312.

August 10, 2009
Date

/Steven. R. Vosen/
Steven R. Vosen
Agent for Applicant(s)
Reg. No. 45186

Steven Vosen

1563 Solano Ave., #206
Berkeley, CA 94707
510-841-4711

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10351182	REMPELL, STEVEN H.
	Examiner	**Art Unit**
	Adam M Queler	2178

ORIGINAL		INTERNATIONAL CLASSIFICATION	
CLASS	SUBCLASS	CLAIMED	NON-CLAIMED
715	234	G 0 6 F 17 / 00 (2006.01.01)	

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
715	238	762			

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
2	48		64		80		96								
4	49		65		81		97								
	50		66		82		98								
3	51		67		83		99								
	52		68		84		100								
	53		69		85		101								
	54		70		86		102								
	55		71		87		103								
5	56		72		88		104								
	57		73		89		105								
	58		74		90		106								
	59		75		91		107								
6	60		76		92										
1	61		77		93										
	62		78		94										
	63		79		95										

		Total Claims Allowed:	
(Assistant Examiner)	(Date)	6	
/Adam M Queler/ Examiner.Art Unit 2178	6/8/2009	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	

U.S. Patent and Trademark Office

Part of Paper No. 20090608

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	XPR.001US1	3877

40280 7590 06/10/2009

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

EXAMINER	
QUELER, ADAM M	
ART UNIT	PAPER NUMBER
2178	

MAIL DATE	DELIVERY MODE
06/10/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Supplemental Notice of Allowability	**Application No.** 10/351,182	**Applicant(s)** REMPELL, STEVEN H.	
	Examiner Adam M. Queler	**Art Unit** 2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.

2. ☒ The allowed claim(s) is/are *48,49,51,56,60 and 61*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other *See Continuation Sheet*.

/Adam M Queler/
Examiner, Art Unit 2178

Continuation of Attachment(s) 9. Other: Section 2 incorrectly listed claim 50 as allowed. This is now corrected

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

40280 7590 05/13/2009

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

EXAMINER	
QUELER, ADAM M	
ART UNIT	PAPER NUMBER
2178	

DATE MAILED: 05/13/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	XPR.001US1	3877

TITLE OF INVENTION: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$755	$300	$0	$1055	08/13/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

40280 7590 05/13/2009

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	XPR.001US1	3877

TITLE OF INVENTION: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$755	$300	$0	$1055	08/13/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
QUELER, ADAM M	2178	715-234000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:

❑ Issue Fee

❑ Publication Fee (No small entity discount permitted)

❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**

❑ A check is enclosed.

❑ Payment by credit card. Form PTO-2038 is attached.

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

❑ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

❑ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	XPR.001US1	3877

40280 7590 05/13/2009

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

EXAMINER	
QUELER, ADAM M	
ART UNIT	PAPER NUMBER
2178	

DATE MAILED: 05/13/2009

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 885 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 885 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

Notice of Allowability	Application No.	Applicant(s)	
	10/351,182	REMPELL, STEVEN H.	
	Examiner	Art Unit	
	Adam M. Queler	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Amendment filed 2/2/2009*.

2. ☒ The allowed claim(s) is/are *48-51,56,60 and 61*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Adam M Queler/
Examiner, Art Unit 2178

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Stephen Vosen on 5/7/2009.

The application has been amended as follows:

Cancel claims 1-47

48. (Amended) The ~~application~~ system of claim [[47]]61,

wherein one of said plurality of objects is a child object, and

wherein the build engine ~~includes~~ is configured to accept user input to associate ~~style definition means for associating~~ a style with child button and child image objects~~, and~~

~~further including a menu for defining child button and child image styles~~.

49. (Amended) The system ~~application~~ of claim [[47]]61, wherein at least one of said styles includes settings for multiple object states.

50. (Canceled)

51. (Amended) The system ~~application~~ of claim [[47]]48, wherein at least one of said styles includes values defining time lines for child button and child image objects.

52-55 (CANCELLED).

56. (Amended) The system ~~method~~ of claim [[47]]61, further including file size

reduction means for reducing the total size of files generated by said build engine to a size of between 12K and 50K.

57-59. (CANCELLED)

60. (Amended) The system ~~method of application~~ of claim [[47]]61, where said data is stored as one or more of a ~~boolean~~Boolean, an integer, a string, a floating point variables, or a URL.

61. (New) A system for assembling a web site comprising:

a server comprising a build engine configured to:

accept user input to create a web site, the web site comprising a plurality of web pages, each web page comprising a plurality of objects,

accept user input to associate a style with objects of the plurality of web pages, wherein each web page comprises at least one button object or at least one image object, and wherein the at least one button object or at least one image object is associated with a style that includes values defining transformations and time lines for the at least one button object or at least one image object; and wherein each web page is defined entirely by each of the plurality of objects comprising that web page and the style associated with the object,

produce a database with a multidimensional array comprising the objects that comprise the web site including data defining, for each object, the object style, an object number, and an indication of the web page that each object is part of, and

provide the database to a server accessible to web browser;

wherein the database is produced such that a web browser with access to a runtime engine is configured to generate the web-site from the objects and style data extracted from the provided database.

2. The following is an examiner's statement of reasons for allowance: The new claim 61 recites features that are not taught or suggested by the prior art. In combination with the other claimed features, producing a database of the constituent objects of a plurality of webpages including styles that include transformations and timelines for those objects in the manner claimed such that the web sites can be created from the database cannot be suggested by a combination of the prior art. Applicants amendments and remarks regarding claims 56 serve to overcome the rejection under §112. Upon further consideration, because it is a measure of file size, and in combination with Applicant remarks, it is clear that the "K" refers to kilobytes. The newly cited references are cited to show the state of the art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adam M. Queler whose telephone number is (571)272-4140. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Adam M Queler/
Examiner, Art Unit 2178

Notice of References Cited	Application/Control No. 10/351,182	Applicant(s)/Patent Under Reexamination REMPELL, STEVEN H.	
	Examiner Adam M. Queler	Art Unit 2178	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,026,433 A	02-2000	D'Arlach et al.	709/217
*	B	US-6,262,729 B1	07-2001	Marcos et al.	715/744
*	C	US-2001/0011287 A1	08-2001	GOTO et al.	707/513
*	D	US-2001/0042083 A1	11-2001	SAITO et al.	707/517
*	E	US-6,424,979 B1	07-2002	Livingston et al.	715/206
*	F	US-6,684,369 B1	01-2004	Bernardo et al.	715/205
*	G	US-2005/0198087 A1	09-2005	Bremers, Robert C.	707/204
*	H	US-7,127,501 B1	10-2006	Beir et al.	709/219
*	I	US-2009/0094327 A1	04-2009	SHUSTER et al.	709/203
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10351182	REMPELL, STEVEN H.
	Examiner	Art Unit
	ADAM M QUELER	2178

SEARCHED			
Class	Subclass	Date	Examiner
715	234	8/3/08	aq
	238	8/3/08	aq
	762		aq
	updated search	5/9/09	aq

SEARCH NOTES		
Search Notes	Date	Examiner
PLUS search	8/3/08	aq
Consulted Parent's history	8/3/08	aq
East search	8/3/08	aq
Updated search (see East)	5/9/09	aq

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
715	234,238,762	5/9/09	aq

Issue Classification

Application/Control No.	Applicant(s)/Patent Under Reexamination
10351182	REMPELL, STEVEN H.
Examiner	**Art Unit**
Adam M Queler	2178

ORIGINAL		INTERNATIONAL CLASSIFICATION	
CLASS	SUBCLASS	CLAIMED	NON-CLAIMED
715	234	G 0 6 F 17 / 00 (2006.01.01)	

CROSS REFERENCE(S)

CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
715	238	762			

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
2	48		64		80		96								
4	49		65		81		97								
5	50		66		82		98								
3	51		67		83		99								
	52		68		84		100								
	53		69		85		101								
	54		70		86		102								
	55		71		87		103								
6	56		72		88		104								
	57		73		89		105								
	58		74		90		106								
	59		75		91		107								
7	60		76		92										
1	61		77		93										
	62		78		94										
	63		79		95										

		Total Claims Allowed:	
(Assistant Examiner)	(Date)	7	
/Adam M Queler/ Examiner.Art Unit 2178	5/9/2009	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	

U.S. Patent and Trademark Office — Part of Paper No. 20090504

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	rempell-steven-h$.in. and server	US-PGPUB; USPAT	OR	ON	2009/05/09 16:45
L2	367	(object and database and web adj site and web adj page) and (715/234,238,762).ccls.	US-PGPUB	OR	ON	2009/05/09 17:39
L4	2	(object and database and web adj site and web adj page).clm. and (715/234,238,762).ccls.	US-PGPUB	OR	ON	2009/05/09 17:39
L5	4571	715/234.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/09 17:42
L6	60	715/238.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/09 17:42
L7	901	715/762.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/09 17:42
S2	2	rempell-steven-h$.in.	US-PGPUB; USPAT	OR	ON	2008/04/03 17:17
S3	2	rempell-steven-h.in.	US-PGPUB; USPAT	OR	ON	2008/04/07 12:58
S4	1	(US-20040148307-$).did.	US-PGPUB	OR	ON	2008/04/09 17:33
S5	1	(US-20040148307-$).did. and transition and time$line $3	US-PGPUB	OR	ON	2008/04/09 17:33
S6	1	(US-20040148307-$).did. and transition and time$line $3 and time adj line	US-PGPUB	OR	ON	2008/04/09 17:34
S7	1	(US-20040148307-$).did. and (time$line$3 time adj line) same between same web adj pages	US-PGPUB	OR	ON	2008/04/09 17:58
S8	1	(US-20040148307-$).did. and (time$line$3 time adj line) same web adj pages	US-PGPUB	OR	ON	2008/04/09 18:06
S9	2	"20050246627" "20050091584"	US-PGPUB; USPAT	OR	ON	2008/07/30 17:21

S10	99	(US-20050198042-$ or US-20050192931-$ or US-20030036932-$ or US-20040064790-$ or US-20030145305-$ or US-20040250204-$ or US-20050177401-$ or US-20050210399-$ or US-20030037153-$ or US-20040177335-$ or US-20050256882-$ or US-20050203769-$ or US-20020194165-$ or US-20060031849-$ or US-20020049816-$ or US-20020059278-$ or US-20020073058-$ or US-20020161459-$ or US-20020165936-$ or US-20020169802-$ or US-20030055702-$ or US-20030227482-$ or US-20040039988-$ or US-20040107177-$).did. or (US-5442188-$ or US-5963913-$ or US-6317882-$ or US-5894795-$ or US-6423356-$ or US-6148311-$ or US-6920608-$ or US-5758471-$ or US-6889230-$ or US-6292830-$ or US-6038610-$ or US-6175863-$ or US-5978818-$ or US-6058417-$ or US-6295551-$ or US-6671689-$ or US-4840694-$ or US-4263767-$ or US-4264401-$ or US-4401219-$ or US-4458610-$ or US-4856245-$ or US-5451082-$ or US-5771811-$ or US-5894707-$ or US-5848410-$). did. or (US-6175877-$ or US-4257342-$ or US-4785296-$ or US-6195286-$ or US-5937419-$ or US-5864823-$ or US-5973695-$ or US-6012086-$ or US-6226668-$ or US-4283769-$ or US-5010653-$ or US-5497358-$ or US-5534922-$ or US-4496235-$ or US-5664273-$ or US-6000333-$ or US-7039594-$ or US-6024046-$ or US-4896605-$ or US-6272468-$ or US-5535151-$ or US-5908203-$ or US-6178435-$ or US-4583192-$	US-PGPUB; USPAT	OR	ON	2008/07/30 17:24

		or US-4875632-$ or US-5649448-$ or US-4257027-$). did. or (US-4527751-$ or US-4870870-$ or US-4898637-$ or US-5257578-$ or US-5260583-$ or US-5315907-$ or US-5522292-$ or US-5524771-$ or US-5799555-$ or US-6112176-$ or US-6167383-$ or US-4494166-$ or US-4998474-$ or US-5999942-$ or US-6209007-$ or US-6405175-$ or US-6516311-$ or US-6546397-$ or US-6675382-$ or US-6782423-$ or US-6968366-$ or US-7031968-$).did.				
S11	3208680	@ad<"19991202" @rlad<"19991202"	US-PGPUB; USPAT	OR	ON	2008/07/30 17:24
S12	66	S10 and S11	US-PGPUB; USPAT	OR	ON	2008/07/30 17:24
S13	6	("5428731" | "5842020" | "5870767" | "6081263" | "6083276" | "6148311").PN.	US-PGPUB; USPAT	OR	ON	2008/07/30 17:29
S14	878	S11 and button with style	US-PGPUB; USPAT	OR	ON	2008/07/30 17:33
S15	161	S11 and button with style and defin$7 with style	US-PGPUB; USPAT	OR	ON	2008/07/30 17:34
S16	7	S11 and associat$7 with style with button with object	US-PGPUB; USPAT	OR	ON	2008/07/30 17:42
S17	0	S11 and associat$7 with style with web near page with (elements objects)	US-PGPUB; USPAT	OR	ON	2008/07/30 18:02
S18	80	S11 and style with web near page with (elements objects)	US-PGPUB; USPAT	OR	ON	2008/07/30 18:02
S19	2	"20060010374"	US-PGPUB; USPAT	OR	ON	2008/07/30 18:07
S20	147	S11 and style with editor	US-PGPUB; USPAT	OR	ON	2008/07/30 18:15
S21	31	S11 and style with editor and web near page	US-PGPUB; USPAT	OR	ON	2008/07/30 18:15
S22	40	S11 and web near site with theme	US-PGPUB; USPAT	OR	ON	2008/07/30 18:17
S23	87	S11 and web near site with animation	US-PGPUB; USPAT	OR	ON	2008/07/30 18:23
S24	346	S11 and dhtml	US-PGPUB; USPAT	OR	ON	2008/07/30 18:31
S25	8	S11 and dhtml same (editor builder)	US-PGPUB; USPAT	OR	ON	2008/07/30 18:31

S26	0	(US-20040148307-$).did. and (time$line$3 time adj line) same style	US-PGPUB	OR	ON	2008/07/30 18:51
S27	0	(US-20040148307-$).did. and (tim8) same style	US-PGPUB	OR	ON	2008/07/30 18:51
S28	1	(US-20040148307-$).did. and (tim$4 time$5) same style	US-PGPUB	OR	ON	2008/07/30 18:51
S29	0	(US-20040148307-$).did. and style same time near line	US-PGPUB	OR	ON	2008/07/30 19:01
S30	1	(US-20040148307-$).did. and child same time near line	US-PGPUB	OR	ON	2008/07/30 19:01
S31	1	(US-20040148307-$).did. and style	US-PGPUB	OR	ON	2008/07/30 19:03
S32	76415	S11 and css editor	US-PGPUB; USPAT	OR	ON	2008/07/30 19:09
S33	19	S11 and user near3 input same generat$7 same web near site and (associat$4 assign$4) same style	US-PGPUB; USPAT	OR	ON	2008/07/30 19:11
S34	1	(US-20040148307-$).did. and 12k	US-PGPUB	OR	ON	2008/08/03 20:19
S35	3208807	@ad<"19991202" @rlad<"19991202"	US-PGPUB; USPAT	OR	ON	2008/08/03 20:34
S37	33	optim$8 same file same size same application and S35	US-PGPUB	OR	ON	2008/08/03 20:34
S38	2	optim$8 same file same size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:34
S40	2	optim$8 same file same size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:37
S41	3	optim$8 same file same size same application same download and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:37
S42	5	reduc$8 with file with size same application same download and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:38
S43	0	ideal with file with size same application same download and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:40
S44	1	ideal with file with size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:40
S45	0	25k with file with size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:41
S46	0	25kb with file with size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:41
S47	0	???kb with file with size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:41

S48	0	??k with file with size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:42
S49	0	??kb with file with size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:43
S50	2	kb with file with size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:43
S51	0	k with file with size same applet and S35	US-PGPUB; USPAT	OR	ON	2008/08/03 20:44
S52	4209	715/234.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/03 21:31
S53	39	715/238.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/03 21:31
S54	764	715/762.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/03 21:32
S55	3217490	@ad<"19991202" @rlad<"19991202"	US-PGPUB; USPAT	OR	ON	2009/04/29 18:23
S56	37	S55 and web same database same object same style	US-PGPUB; USPAT	OR	ON	2009/04/29 18:23
S57	513	hanson.in. and web	US-PGPUB; USPAT	OR	ON	2009/04/29 18:35
S58	21	hanson.in. and palette	US-PGPUB; USPAT	OR	ON	2009/04/29 18:35
S59	1	(US-20040148307-$).did. and loop	US-PGPUB	OR	ON	2009/04/29 18:42
S60	2	S55 and database same object adj (id number) with (url "web page")	US-PGPUB; USPAT	OR	ON	2009/04/29 18:59
S61	1654	S55 and database same stor $4 same "web site"	US-PGPUB; USPAT	OR	ON	2009/04/29 19:02
S62	540	S55 and database with stor $4 with "web site"	US-PGPUB; USPAT	OR	ON	2009/04/29 19:02
S63	20	S55 and database same object adj (id number) same (url "web page")	US-PGPUB; USPAT	OR	ON	2009/04/29 19:08
S64	25	S55 and table same object adj (id number) same (url "web page")	US-PGPUB; USPAT	OR	ON	2009/04/29 19:13
S65	0	S55 and generat$4 with web with from with database	US-PGPUB; USPAT	OR	ON	2009/04/29 19:27
S66	747	S55 and generat$4 with web with database	US-PGPUB; USPAT	OR	ON	2009/04/29 19:28
S67	133	S55 and generat$4 near3 web near3 database	US-PGPUB; USPAT	OR	ON	2009/04/29 19:28
S68	69	S55 and generat$4 near3 web adj (site page) near3 database	US-PGPUB; USPAT	OR	ON	2009/04/29 19:29

S69	0	S55 and generat$4 near3 web adj (site page) near3 database same (button image)	US-PGPUB; USPAT	OR	ON	2009/04/29 19:30
S70	0	S55 and generat$4 near3 web adj (site page) near3 database with object	US-PGPUB; USPAT	OR	ON	2009/04/29 19:32
S71	8	S55 and generat$4 near3 web adj (site page) near3 database same object	US-PGPUB; USPAT	OR	ON	2009/04/29 19:32
S72	14	(web adj (page site) html) near2 generation near (table database array)	US-PGPUB; USPAT	OR	ON	2009/04/30 12:34
S73	3217556	@ad<"19991202" @rlad<"19991202"	US-PGPUB; USPAT	OR	ON	2009/04/30 12:35
S74	4	(web adj (page site) html) near2 generation near (table database array) and S73	US-PGPUB; USPAT	OR	ON	2009/04/30 12:35
S75	0	stylesheet near database.ti, ab. and S73	US-PGPUB; USPAT	OR	ON	2009/04/30 12:42
S76	0	stylesheet near3 database.ti, ab. and S73	US-PGPUB; USPAT	OR	ON	2009/04/30 12:42
S77	0	stylesheet with database.ti, ab. and S73	US-PGPUB; USPAT	OR	ON	2009/04/30 12:42
S78	0	stylesheet with "database.ti, ab", "bsum." and S73	US-PGPUB; USPAT	OR	ON	2009/04/30 12:42
S79	0	stylesheet with database.ti, ab,bsum. and S73	US-PGPUB; USPAT	OR	ON	2009/04/30 12:43
S80	3	(style adj sheet css style $1sheet$1) with database.ti, ab,bsum. and S73	US-PGPUB; USPAT	OR	ON	2009/04/30 12:43
S81	0	(09/094607).APP.	USPAT; USOCR	OR	ON	2009/05/04 15:52
S82	1	(09/094607).APP.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 15:52
S83	6	("2001/0011287").URPN.	USPAT	OR	ON	2009/05/04 15:53
S84	2	"20050246627" "20050091584"	US-PGPUB; USPAT	OR	ON	2009/05/04 15:53
S86	3217556	@ad<"19991202" @rlad<"19991202"	US-PGPUB; USPAT	OR	ON	2009/05/04 15:53
S87	0	("2001/0011287").URPN. and S86	USPAT	OR	ON	2009/05/04 15:53
S89	1	"20010054050".pn.	US-PGPUB; USPAT	OR	ON	2009/05/04 17:39
S90	31	bernardo.in. and template	US-PGPUB; USPAT	OR	ON	2009/05/04 18:41

S91	15	(US-20030058277-$ or US-20050223320-$ or US-20050198087-$ or US-20090094327-$ or US-20010042083-$ or US-20010011287-$).did. or (US-6675382-$ or US-7152207-$ or US-6313835-$ or US-6585779-$ or US-6026433-$ or US-6424979-$ or US-7127501-$ or US-6262729-$ or US-6684369-$).did.	US-PGPUB; USPAT	OR	ON	2009/05/04 18:51
S92	1	S91 and eroom	US-PGPUB; USPAT	OR	ON	2009/05/04 18:52
S93	0	stylesheet adj number	US-PGPUB; USPAT	OR	ON	2009/05/04 18:53
S94	12	stylesheet adj (id number)	US-PGPUB; USPAT	OR	ON	2009/05/04 18:53
S95	3217556	@ad<"19991202" @rlad<"19991202"	US-PGPUB; USPAT	OR	ON	2009/05/04 18:53
S96	101	(style adj sheet css dsssl style $1sheet$1) adj (id number)	US-PGPUB; USPAT	OR	ON	2009/05/04 18:54
S97	11	(style adj sheet css dsssl style $1sheet$1) adj (id number) and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 18:54
S98	95	(style adj sheet css dsssl style $1sheet$1) adj3 (id number) and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 18:54
S99	6	bernardo-richard$.in. and template	US-PGPUB; USPAT	OR	ON	2009/05/04 18:59
S100	6	bernardo-richard$.in. and template and database	US-PGPUB; USPAT	OR	ON	2009/05/04 18:59
S101	230	document adj object adj model and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 19:02
S102	3	715/242.ccls. and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 19:04
S103	3	document adj object adj model with (table array) and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 19:05
S104	1	"6901380".pn.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:20
S105	0	"09540303".app.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:25
S106	1	"540303".rlan.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:25
S107	6	"415406".ap.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:26
S108	1	"20020049788".pn.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:27

S109	0	(09/094607).APP.	USPAT; USOCR	OR	ON	2009/05/04 20:02
S110	7511	goto.in.	US-PGPUB; USPAT	OR	ON	2009/05/04 20:02
S111	6	("2001/0011287").URPN.	USPAT	OR	ON	2009/05/04 20:02
S112	0	("2001/0011287").URPN. and S95	USPAT	OR	ON	2009/05/04 20:02
S113	2	source near2 generat$4 near document with database and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 20:08
S114	0	source near2 generat$4 near (css dsssl style adj sheet style $1sheet$1) with database and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 20:10
S115	0	source near2 generat$4 near2 (css dsssl style adj sheet style$1sheet$1) with database and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 20:10
S116	7	identif$7 with source with generat$4 with document with database and S95	US-PGPUB; USPAT	OR	ON	2009/05/04 20:11
S117	1	"6795821".pn.	US-PGPUB; USPAT	OR	ON	2009/05/04 20:18

5/9/09 5:43:12 PM
C:\Documents and Settings\AQueler\My Documents\EAST\Workspaces\10351182-websitebuilder.wsp

PTO/SB/21 (01-08)
Approved for use through 04/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	
Filing Date	
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	

Total Number of Pages in This Submission

ENCLOSURES (*Check all that apply*)

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☐ Amendment/Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/ Incomplete Application
  - ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
  - ☐ Landscape Table on CD
- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) (please Identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name			
Date		Reg. No.	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Our Ref./Docket No: XPR001US1 Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Rempell. Application No.: 10/351,182 Filed: January 24, 2003 Title: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE	Group Art Unit: 2178 Examiner: QUELER, ADAM M

RESPONSE TO OFFICE ACTION UNDER 37 CFR 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

This is a response to the Office Action of August 6, 2008 having a 3 month Shortened Statutory Period for Reply. A Petition for Extension of Time and the requisite fee for filing a response within the third month are enclosed.

Any ***amendments to the claims*** begin on a new page immediately after these introductory remarks.

The ***Remarks/arguments*** begin on a new page immediately after such ***amendments to the claims***.

AMENDMENT(S) TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims on the application. All claims are set forth below with one of the following annotations.

- (Original): Claim filed with the application.
- (Currently amended): Claim being amended in the current amendment paper.
- (Canceled): Claim cancelled or deleted from the application. No claim text is shown.
- (Withdrawn): Claim still in the application, but in a non-elected status.
- (New): Claim being added in the current amendment paper.
- (Previously presented): Claim added or amended in an earlier amendment paper.
- (Not entered): Claim presented in a previous amendment, but not entered or whose entry status unknown. No claim text is shown.

1. (Canceled)

2. (Withdrawn) A user interface for a windowing operating system to select one input from a plurality of inputs for a programmable electronic device having a display and a mouse comprising:

an input display indicating at least one input from a plurality of inputs; and

dual spin control means for selecting input from said display screen with said mouse.

3. (Withdrawn) The user interface of claim 2, wherein said dual spin control means includes at least three user selectable areas.

4. (Withdrawn) The user interface of claim 3,

wherein a selected first area increments said input from said plurality of inputs,

wherein a selected second area decrements said input from said plurality of inputs, and

wherein a selected third area results in the additional steps of:

displaying a user selectable list of at least a portion of said plurality of inputs, and

accepting a user selection of one of said list of at least a portion of said plurality of inputs.

5. (Withdrawn) A user interface for a windowing operating system to select one input from a plurality of inputs for a programmable electronic device having a display and a mouse device comprising:

an input display indicating at least one input from a plurality of inputs; and

at least three user selectable areas to select said input from among said plurality of inputs.

6. (Withdrawn) The user interface of claim 5, wherein said at least three user selectable areas is three user selectable areas including a first area, a second area and a third area,

wherein a selected first area increments said input from said plurality of inputs,

wherein a selected second area decrements said input from said plurality of inputs, and

wherein a selected third area results in the additional steps of:

displaying a user selectable list of at least a portion of said plurality of inputs, and

accepting a user selection of one of said list of at least a portion of said plurality of inputs.

7. (Withdrawn) A method for providing an input to an electronic device having a windowing operating system and having a display screen and a user controllable mouse device that indicates position on said display screen, and where said input is selected from among a plurality of inputs, said method comprising:

displaying one of the plurality of inputs on said display screen;

displaying three user selectable areas on said display screen including a first area, a second area and a third area; and

accepting a user selection according said indicated position over one of said three areas,

where the accepted first area increments said input from said plurality of inputs,

where the accepted second area decrements said input from said plurality of inputs, and

where the accepted third area results in the additional steps of:

displaying a user selectable list of at least a portion of said plurality of inputs,

and

accepting a user selection of one of said list of at least a portion of said plurality of inputs.

8. (Withdrawn) The method of claim 7, wherein said displaying a user selectable list further includes displaying two user selectable areas for scrolling through said list of said plurality of inputs.

9. (Withdrawn) The method of claim 7, wherein said displaying three user selectable areas further includes modifying said display when said cursor is over said area and modifying said display when said accepting said user selection.

10. (Withdrawn) A method of displaying applications on a display screen comprising:

sensing the screen resolution of said display screen; and

adapting the display of an application running within a browser according to said sensed screen resolution.

11. (Withdrawn) The method of claim 10, wherein said sensing includes determining the size of said current browser window by executing JavaScript code, and wherein said adapting includes generating and causing said browser to run HTML code to define said display.

12. (Withdrawn) A method of displaying applications on a display screen comprising:

providing a user interface having status feedback from a Brower-based application having active and dynamic interface objects.

13. (Withdrawn) A user interface for an application running within a browser comprising:

at least one active and dynamic interface object to provide status feedback and user interaction.

14. (Withdrawn) A user interface for an application running within a browser comprising:

a browser; and

dual spin control means to provide input to said application.

15. (Withdrawn) An application running within an application window of a browser, said application having a user interface comprising an application engine developed with a full-featured programming language.

16. (Withdrawn) The application of claiml5, further including an associated database.

Petitioner's Exhibit 1011
Page 0157

17. (Withdrawn) The application of claim 16, wherein said user interface is developed with HTML and extensions thereof

18. (Withdrawn) The application of claim 17, wherein said user interface includes an application frame and a panel. and wherein said application frame is operable to receive user input and includes menus for controlling the form of content to be displayed in the application frame.

19. (Withdrawn) The application of claim 18, further including means for generating one or more pop-up windows for receiving user input to control the form of content for said application frame, and a database of information for generating said one or more pop-up windows in response to user input.

20. (Withdrawn) The application of claim 19 further including means for constructing one or more intelligent interface objects each to be displayed in a pop-up window; and where said interface is operable to display said one or more pop-up windows in response to a user input.

21. (Withdrawn) The application of claim 20 wherein the means for constructing one or more intelligent interface objects includes means for constructing a Java Applet Object inside a JavaScript Window that communicates with said application engine.

22. (Withdrawn) The application of claim 20 wherein said intelligent interface object is selected from the group of sliders to dials.

23. (Withdrawn) The application of claim 18 wherein said application engine is written in JAVA and said user interface is written in HTML and extensions thereof, and wherein said apparatus includes means for two way communication between HTML and a JAVA application engine.

24. (Withdrawn) The application of claim 17 wherein said extensions are JavaScript, dynamic HTML, and cascading style sheets.

25. (Withdrawn) The application of claim 16 where said associated database is a multidimensional array structured database for storing numeric data, string data and multidimensional arrays of various multimedia objects.

26. (Withdrawn) The application of claim 25 wherein said multi-dimensional arrays are represent a multimedia object selected from the group of color, fonts, images, audio clips, video clips, text areas and thread objects.

Petitioner's Exhibit 1011
Page 0158

27. (Withdrawn) The application of claim 16 further comprising a screen resolution sensing mechanism operable to cause said engine to adopt said user interface to said user's screen resolution.
28. (Withdrawn) The application of claim 17 wherein said user interface includes interface objects and application object interactions including menu bars, tool bars, status fields, interactive fields, interactive drop-down, multiple selection and scrollable lists, alert messages, pop-up windows, dialog boxes, and means for changing the cursor shape, inserting objects, selecting objects, and direct manipulation of objects.
29. (Withdrawn) The application of claim 28 wherein said user interface includes file selection windows.
30. (Withdrawn) The application of claim 28 wherein said user interface includes pop-up windows displayed over said application engine's frame.
31. (Withdrawn) The application of claim 28 wherein said user interface includes active and dynamic interface objects for status feedback and user interaction.
32. (Withdrawn) The application of claim 28 wherein said user interface includes intelligent interface objects in a pop-up window.
33. (Withdrawn) The application of claim 28 wherein said user interface includes means for implementing mouse based direct object manipulations.
34. (Withdrawn) The application of claim 33 wherein said direct object manipulations are selected from an interface menu for additional operations other than drag or resize.
35. (Withdrawn) The application of claim 28 wherein said user interface includes means for the recognizing the receipt of a keystroke to complete a pop-up window operation, to cancel a pop-up window operation, or to navigate within and between pop-up window objects.
36. (Withdrawn) The application of claim 35 wherein said keystrokes are the enter key, the esc key, the tab key, and all the cursor keys, with and without the simultaneous pressing of the shift and ctrl keys.
37. (Withdrawn) The application of claim 18 where said application engine includes means for direct text entry and text processing, at an arbitrary cursor location in said application frame or in said application window.

38. (Withdrawn) The application of claim 37 wherein the means for direct text entry includes means for the creation of a hidden, dynamically growing frame containing text entered by a user.
39. (Withdrawn) The application of claim 16 wherein said interface includes means' for creating and operating a dual, mouse based spin control mechanism for display in a pop-up window.
40. (Withdrawn) The application of claim 16 wherein said application is developed using means for creating and operating a dual, mouse based spin control mechanism for display in said panel.
41. (Withdrawn) The application of claim 16 wherein the application is developed using a dual color selection mechanism for selecting colors to be used for an object for its background, its foreground, and any ornamental objects, the dual selection mechanism responsive to either clicking on a color palette image object and changing an RGB value in a color palette when displayed on the user interface or by selecting an RGB value from the three RGB drop-down lists.
42. (Withdrawn) The application of claim 16 wherein the application is developed using true 23 bit color by selecting an RGB value from the three RGB drop-down lists, each one having choices from OxOx to FF hexadecimal.
43. (Withdrawn) A method of assembling a web-site comprising defining a transition between a first web page of said web-site and a second web page of said web-site, such that the subsequent display of said web-site includes using said defined transition to display transition effects when moving between said first web page and said second page.
44. (Withdrawn) The method of claim 43, wherein said transition effect is an animation.
45. (Withdrawn) An application for assembling web-sites comprising:

a build engine for accepting user input to generate a web-site in an application window or application frame; and

means for direct text entry and text processing at an arbitrary cursor location in the build frame.

46. (Withdrawn) The apparatus of claim 45 wherein the means for direct text entry includes means for the creation of a hidden, dynamically growing frame, the frame containing text entered by a user.
47. (Currently Amended) An application for assembling web-sites comprising:

a build engine for accepting user input and producing a database of objects including data associated with the style of at least one button object or at least one image object ~~to~~

~~generate a web-site~~; and

style definition means for associating a style with at least one button object or ~~and~~ at least one image ~~objects~~ object, and storing information related to the associated object style in the database,

where a web browser having access to a runtime engine can extract and use object style information from the database to generate a portion of at least one page for a web-site.

48. (Previously presented) The application of claim 47

wherein the build engine includes style definition means for associating a style with child button and child image objects, and

further including a menu for defining child button and child image styles.

49. (Previously presented) The application of claim 47, wherein at least one of said styles includes settings for multiple object states.

50. (Previously presented) The application of claim 47, wherein at least one of said styles includes values defining transformations and time lines.

51. (Previously presented) The application of claim 47, wherein at least one of said styles includes values defining time lines for child button and child image objects.

52. (Withdrawn) An application for assembling web-sites comprising:

a build engine for accepting user input to generate a web-site; and

means for synchronizing transitions and time lines between web pages.

53. (Withdrawn) The application of claim 52 further including means for synchronizing web page transitions and time lines with transitions, animations and time lines defined for button and image objects.

54. (Withdrawn) The method of claim 15, further including file size reduction means for reducing the total size of said application from approximately 12K to approximately 50K.

55. (Withdrawn) The method of claim 45, further including file size reduction means for reducing the total size files generated by said build engine from approximately 12K to approximately 50K.

56. (Currently Amended) The method of claim 47, further including file size reduction means for reducing the total size of files generated by said build engine to a size of between ~~from approximately~~ 12K ~~to approximately~~ and 50K.

Petitioner's Exhibit 1011
Page 0161

57. (Withdrawn) The method of claim 52, further including file size reduction means for reducing the total size files generated by said build engine from approximately 12K to approximately 50K.
58. (New) The method of application of claim 47, where said data is stored in a multi-dimensional array.
59. (New) The method of application of claim 58, where said multi-dimensional includes an indication of a web page and an indication of an object number.
60. (New) The method of application of claim 47, where said data is stored as one or more of a boolean, an integer, a string, a floating point variables, or a URL.

REMARKS

Status of the Application:

Claims 2-57 were previously pending in the case. Claim 47 is the elected, independent claim. Claims 2-46, 52-55 and 57 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention. New Claims 58-60 are presented herein. **Claims 2-60 are thus pending in the application.**

Amendment to the Claims:

Applicants have amended Claims 47 and 56 to overcome the rejections under 35 USC 112, second paragraph, and under 35 USC 102.

Claim 47 has been amended to recite that a build engine producing a database usable by a runtime engine for producing pages of a web-site. Support for the database is found, in part, in the orginal Claim 1 and in paragraph [0008]. Support for the database including data associated with the style of a botton and image object is found, in part, in FIG. 16 and the discussion thereof in paragraphs [0270] through [0294]. Accordingly, no new matter has been introduced by this amendment to the claim.

Claim 56 has been amended as to recite file size reduction means to generate files having a size of between 12K and 50K. Support for this amendment is found in paragraph [0016]. Accordingly, no new matter has been introduced by this amendment to the claim.

New Claims:

New claims 58, 59, and 60 are directed to specifics of the database of Claim 47, as amended. Support for the new claims is found, in part, in paragraphs [0008] and [0171]. No new matter has been introduced in this new claims.

Claims 58-60 depend on Claim 47, as amended, and are believed to be patentable over the prior art for at least the reasons provided subsequently.

Claim Rejections -35 USC § 112 Second Parag. (Indefiniteness)

In paragraph 6 of the Office Action, Claim 56 was rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In response to the rejection, Claim 56 has been amended. Applicant believes the rejection has been overcome for the following reasons, and respectfully requests that the rejection be withdrawn.

Claim 56 was rejected under 35 U.S.C. 112, second paragraph, for the following reasons: 1) "[t]he term "from approximately 12K to approximately 50K" in claim 56 is a relative term which renders the claim indefinite; 2) "this limitation ["from approximately 12K to approximately 50K"] does not make any sense as it is reducing from a smaller size to a larger size; and 3)"the units used themselves are ambiguous. ("K" usually means kilobytes, however, may refer to transmission speed.

Claim, as amended recites: "file size reduction means for reducing the total size of files generated by said build engine to a size of between 12K and 50K." Amended claim 56 is directed to the size of of a file, and not to a transmission speed, with the "K" being a measure file size (kilobytes). Applicant believes that Reasons 1), 2), and 3) are resolved with the amended claim.

The Examiner also noted that neither a "byte" nor a "kilobyte" has a standard accepted value. Applicant respectfully disagrees. The IEE Standard Dictionary of Electrical and Electronic Terms (Sixth Edition, 1996) defines kilobyte as being 2^{10} bytes, and Webster's Third New International Dictionary, Unabridged. Merriam-Webster, 2002. (http://unabridged.merriam-webster.com (26 Jan. 2009)), defines kilobyte as being 1024 bytes.

Applicant believes Claim 56, as amended, to be definite and distinctly claiming the subject matter, and respectfully requests that the rejection of 56 was rejected under 35 U.S.C. 112, second paragraph be withdrawn.

Claim Rejections - 35 USC § 102

In paragraph 8 of the office action, Claims 47-51 are rejected under 35 U.S.C. 102(b) as being anticipated by Microsoft® FrontPage® 98 by Denise Tyler (November 1997), "Tyler." In response Independent Claim 47 has been amended to more clearly distinguish the claimed invention

over the prior art. Applicant respectfully submits that Claim 47-51, as amended, are not anticipated by Tyler, and requests that the rejection be withdrawn.

Tyler describes software that is used to generate HyperText Markup Language (HTML). Specifically, in Tyler, individual objects are generated as in-line HTML code. When HTML is interpreted for generating web pages, the instructions for generating objects are provided and interpreted one at a time.

In contrast with Tyler, Claim 47, as amended, recites a build engine (the software used in designing web pages) capable of producing a database of data associated with objects and object styles. The database is usable by a browser having access to a runtime engine to generate web pages. Thus a web browser, which provides for interpretation HTML to display web pages, accesses a runtime engine and a database to determine object styles when generating web pages.

Claim 47, as amended, is not anticipated by Tyler. Specifically, the claimed build engine producing a database is neither taught nor suggested in Tyler. Further, there is no teaching or suggestion of a database of objects and/or styles, nor is there any teaching or suggestion of style definition means for storing information related to the associated object style in a database.

For any of these reasons, Tyler thus does not teach each and every recitation of independent Claim 47. Since Tyler fails to anticipate the invention as claimed, Applicant respectfully requests that the rejection of under §102 of Claim 47, as amended, and of Claims 48-51, which depend on Claim 47, be withdrawn.

Claim Rejections - 35 USC § 103

In paragraph 10 of the Office Action, Claim 56 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tyler as applied to claim 47 above, and further in view of Becker; Craig Henry (US 6585779 Bl, 07/01/2003). Applicant disagrees for the following reasons and requests that ther rejection be withdrawn.

Becker teachs a method for inspecting the contents of a Java Repository containing Java Beans. There is no teaching of object or object style databases in Becker.

For the reasons presented above, Applicant believes that cited references fail to teach, suggest, or provide motivation for either of the following: 1) a build engine producing a database; 2) a database of objects and/or styles; 3) style definition means for storing information related to the associated object style in a database. Accordingly, there is no teaching, suggestion, or motivation to reduce the file size of such a database.

For any of these reasons, a *prima facie* case of obviousness has not been established for either of Claim 56. It is thus respectfully requested that the Examiner withdraw the rejection of Claim 56 under 35 U.S.C. §103(a).

Reconsideration and re-examination are requested.

For these reasons, and in view of the above amendment, this application is now considered to be in condition for allowance and such action is earnestly solicited.

Conclusion

Applicant respectfully submits that the application is in condition for allowance and action to that end is respectfully solicited. If the Examiner should feel that a telephone interview would be productive in resolving any issues in the case, please telephone the undersigned at the number listed below.

February 2, 2009

Respectfully submitted,

/Steven R. Vosen/

1563 Solano Ave., #206
Berkeley, CA 94705
Tel: (510) 841-4711; Fax: (510) 217-6844

Steven R. Vosen
Registration No. 45,186

Electronic Patent Application Fee Transmittal	
Application Number:	10351182
Filing Date:	24-Jan-2003
Title of Invention:	Browser based web site generation tool and run time engine
First Named Inventor/Applicant Name:	Steven H. Rempell
Filer:	Steven R Vosen
Attorney Docket Number:	XPR.001US1
Filed as Small Entity	

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	3	26	78
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 3 months with $0 paid	2253	1	555	555
Miscellaneous:				
		Total in USD ($)		**633**

Electronic Acknowledgement Receipt	
EFS ID:	4719891
Application Number:	10351182
International Application Number:	
Confirmation Number:	3877
Title of Invention:	Browser based web site generation tool and run time engine
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Tony Freitas
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.001US1
Receipt Date:	02-FEB-2009
Filing Date:	24-JAN-2003
Time Stamp:	19:03:46
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$633
RAM confirmation Number	4203
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)

1	Any request going to L R	XPR001US1TransmittalOA.pdf	159620 1ef949471cc70180aae547c8cdb8fa5e2f3b9a0c	no	1
Warnings:					
Information:					
2		XPR001US1_OAResponse_2008-02-02.pdf	152283 b4be443ff7c418ab2647ca69d971040f5906add3	yes	13

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Any request going to L R	1	1
	Claims	2	9
	Applicant Arguments/Remarks Made in an Amendment	10	13

Warnings:					
Information:					
3	Fee Worksheet (PTO-06)	fee-info.pdf	31850 a3550d2f6864a82e1b41cf7be0d2904f02dbf19e	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	343753		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 10/351,182	Filing Date 01/24/2003	☐ To be Mailed

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	02/02/2009	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 59	Minus	** 56	= 3	X $26 =	78	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 10	Minus	***12	= 0	X $110 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE	78	OR	TOTAL ADD'L FEE	

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/LISA CRANEY/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	XPR.001US1	3877

40280 7590 08/06/2008

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

EXAMINER	
QUELER, ADAM M	
ART UNIT	PAPER NUMBER
2178	

MAIL DATE	DELIVERY MODE
08/06/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/351,182	REMPELL, STEVEN H.	
	Examiner	Art Unit	
	ADAM M. QUELER	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *12 May 2008*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *2-57* is/are pending in the application.

4a) Of the above claim(s) *2-46,52-55 and 57* is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *47-51 and 56* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *24 January 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *01/24/2003*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: Application filed January 24, 2003, Preliminary Amendment filed 01/24/2003, and Election filed 05/12/2008

2. Claims 2-57 are pending in the case. Claim 47 is the elected, independent claim.

Election/Restrictions

3. Applicant's election without traverse of Group VII, claims 47-51 and 56, in the reply filed on 05/12/2008 is acknowledged.

4. Claims 2-46, 52-55 and 57 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 05/12/2008.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claim 56 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The term "from approximately 12K to approximately 50K" in claim 56 is a relative term which renders the claim indefinite. The term is not defined by the claim, the specification does not provide a standard for ascertaining the requisite degree, and one of ordinary skill in the art would not be reasonably apprised of the scope of the invention. Additionally, this limitation does not make any sense as it is reducing from a smaller size to a larger size. Furthermore the units used themselves are ambiguous. An uppercase "K" as used, usually means kilobytes,

however, the same uppercase "K" is also used to refer to a 56K modem. In this context, there is no such thing as a 56 kilobyte modems, the term is used in the art to refer to a 56 kilobit modem. These terms are vastly different. In addition, Application should be aware that neither a "byte" nor a "kilobyte" has a standard accepted value. For examining purposes only, this limitation will be interpreted as "reducing the total size of said application."

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. **Claims 47-51 are rejected under 35 U.S.C. 102(b) as being anticipated by Microsoft® FrontPage® 98 by Denise Tyler (November 1997).**

Regarding independent claim(s) 47, Tyler teaches a build engine for accepting user input to generate a web site (FrontPage, see for example, input box, Figure, p. 278). Tyler teaches style definition means for associating a style (theme) with button and image objects (step 5, p. 278, applies to buttons which are objects).

Regarding dependent claim(s) 48, Tyler teaches the build engine includes style definition means for association a style with child button and child image objects (p. 281, "Setting Page Properties with Themes"). Tyler teaches a menu for defining child button and child image styles (Fig. 27.2, p. 559 and Table 27.1).

Regarding dependent claim(s) 49, Tyler teaches the styles includes settings for multiple object states (p. 323 , 13; p.279, NOTE at top).

Regarding dependent claim(s) 50, Tyler teaches associating a style with buttons and images including values defining time lines and transitions (pp. 325-327).

Regarding dependent claim(s) 51, Tyler teaches associating a style with buttons and images including values defining time lines (pp. 325-327).

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

10. Claim 56 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tyler as applied to claim 47 above, and further in view of Becker; Craig Henry (US 6585779 B1, 07/01/2003).

Regarding dependent claim(s) 56, Tyler does not teach a file reduction means. Becker teaches a file reduction means for reducing the total size of generated files (col. 2, ll. 5-11). It would have been obvious to one of ordinary skill in the art at the time of the invention to reduce the size of the files because it would have resulted in shorter download times (col. 2, ll. 10-11).

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ADAM M. QUELER whose telephone number is (571)272-4140. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Stephen S. Hong/
Supervisory Patent Examiner, Art Unit 2178

AQ

Notice of References Cited	Application/Control No. 10/351,182	Applicant(s)/Patent Under Reexamination REMPELL, STEVEN H.	
	Examiner ADAM M. QUELER	Art Unit 2178	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,313,835 B1	11-2001	Gever et al.	715/846
*	B	US-2003/0058277 A1	03-2003	BOWMAN-AMUAH, MICHEL K.	345/765
*	C	US-6,585,779 B1	07-2003	Becker, Craig Henry	715/237
*	D	US-6,675,382 B1	01-2004	Foster, Gary D.	717/177
*	E	US-2005/0223320 A1	10-2005	Brintzenhofe et al.	715/517
*	F	US-7,152,207 B1	12-2006	Underwood et al.	715/207
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Tyler, Denise, Microsoft Frontpage 98, November 1997, pp. 276-281, 321-327, 558-561
	V	"Photo Album Applet Installation and Customization Instructions" ©1997 AgenX Corp, http://pages.prodigy.net/larzman/applets/phalbum.html
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10351182	REMPELL, STEVEN H.
	Examiner	Art Unit
	ADAM M QUELER	2178

SEARCHED			
Class	Subclass	Date	Examiner
715	234	8/3/08	aq
	238		
	762		

SEARCH NOTES		
Search Notes	Date	Examiner
PLUS search	8/3/08	aq
Consulted Parent's history		
East search		

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(US-20040148307-$).did. and 12k	US-PGPUB	OR	ON	2008/08/03 20:19
L2	3208807	@ad<"19991202" @rlad<"19991202"	US-PGPUB; USPAT	OR	ON	2008/08/03 20:34
L4	33	optim$8 same file same size same application and L2	US-PGPUB	OR	ON	2008/08/03 20:34
L5	2	optim$8 same file same size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:34
L7	2	optim$8 same file same size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:37
L8	3	optim$8 same file same size same application same download and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:37
L9	5	reduc$8 with file with size same application same download and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:38
L10	0	ideal with file with size same application same download and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:40
L11	1	ideal with file with size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:40
L12	0	25k with file with size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:41
L13	0	25kb with file with size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:41
L14	0	???kb with file with size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:41
L15	0	??k with file with size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:42
L16	0	??kb with file with size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:43
L17	2	kb with file with size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:43

L18	0	k with file with size same applet and L2	US-PGPUB; USPAT	OR	ON	2008/08/03 20:44
L19	4209	715/234.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/03 21:31
L20	39	715/238.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/03 21:31
L21	764	715/762.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/03 21:32
S2	2	rempell-steven-h$.in.	US-PGPUB; USPAT	OR	ON	2008/04/03 17:17
S3	2	rempell-steven-h.in.	US-PGPUB; USPAT	OR	ON	2008/04/07 12:58
S4	1	(US-20040148307-$).did.	US-PGPUB	OR	ON	2008/04/09 17:33
S5	1	(US-20040148307-$).did. and transition and time$line $3	US-PGPUB	OR	ON	2008/04/09 17:33
S6	1	(US-20040148307-$).did. and transition and time$line $3 and time adj line	US-PGPUB	OR	ON	2008/04/09 17:34
S7	1	(US-20040148307-$).did. and (time$line$3 time adj line) same between same web adj pages	US-PGPUB	OR	ON	2008/04/09 17:58
S8	1	(US-20040148307-$).did. and (time$line$3 time adj line) same web adj pages	US-PGPUB	OR	ON	2008/04/09 18:06
S9	2	"20050246627" "20050091584"	US-PGPUB; USPAT	OR	ON	2008/07/30 17:21
S10	99	(US-20050198042-$ or US-20050192931-$ or US-20030036932-$ or US-20040064790-$ or US-20030145305-$ or US-20040250204-$ or US-20050177401-$ or US-20050210399-$ or US-20030037153-$ or US-20040177335-$ or US-20050256882-$ or US-20050203769-$ or US-20020194165-$ or US-20060031849-$ or US-20020049816-$ or US-	US-PGPUB; USPAT	OR	ON	2008/07/30 17:24

		20020059278-$ or US-20020073058-$ or US-20020161459-$ or US-20020165936-$ or US-20020169802-$ or US-20030055702-$ or US-20030227482-$ or US-20040039988-$ or US-20040107177-$).did. or (US-5442188-$ or US-5963913-$ or US-6317882-$ or US-5894795-$ or US-6423356-$ or US-6148311-$ or US-6920608-$ or US-5758471-$ or US-6889230-$ or US-6292830-$ or US-6038610-$ or US-6175863-$ or US-5978818-$ or US-6058417-$ or US-6295551-$ or US-6671689-$ or US-4840694-$ or US-4263767-$ or US-4264401-$ or US-4401219-$ or US-4458610-$ or US-4856245-$ or US-5451082-$ or US-5771811-$ or US-5894707-$ or US-5848410-$).did. or (US-6175877-$ or US-4257342-$ or US-4785296-$ or US-6195286-$ or US-5937419-$ or US-5864823-$ or US-5973695-$ or US-6012086-$ or US-6226668-$ or US-4283769-$ or US-5010653-$ or US-5497358-$ or US-5534922-$ or US-4496235-$ or US-5664273-$ or US-6000333-$ or US-7039594-$ or US-6024046-$ or US-4896605-$ or US-6272468-$ or US-5535151-$ or US-5908203-$ or US-6178435-$ or US-4583192-$ or US-4875632-$ or US-5649448-$ or US-4257027-$).did. or (US-4527751-$ or US-4870870-$ or US-4898637-$ or US-5257578-$ or US-5260583-$ or US-5315907-$ or US-5522292-$ or US-5524771-$ or US-5799555-$ or US-6112176-$ or US-6167383-$ or US-4494166-$ or US-4998474-$ or US-5999942-$ or US-6209007-$ or US-6405175-$ or US-6516311-$ or US-6546397-$ or US-				

		6675382-$ or US-6782423-$ or US-6968366-$ or US-7031968-$).did.				
S11	3208680	@ad<"19991202" @rlad<"19991202"	US-PGPUB; USPAT	OR	ON	2008/07/30 17:24
S12	66	S10 and S11	US-PGPUB; USPAT	OR	ON	2008/07/30 17:24
S13	6	("5428731" | "5842020" | "5870767" | "6081263" | "6083276" | "6148311").PN.	US-PGPUB; USPAT	OR	ON	2008/07/30 17:29
S14	878	S11 and button with style	US-PGPUB; USPAT	OR	ON	2008/07/30 17:33
S15	161	S11 and button with style and defin$7 with style	US-PGPUB; USPAT	OR	ON	2008/07/30 17:34
S16	7	S11 and associat$7 with style with button with object	US-PGPUB; USPAT	OR	ON	2008/07/30 17:42
S17	0	S11 and associat$7 with style with web near page with (elements objects)	US-PGPUB; USPAT	OR	ON	2008/07/30 18:02
S18	80	S11 and style with web near page with (elements objects)	US-PGPUB; USPAT	OR	ON	2008/07/30 18:02
S19	2	"20060010374"	US-PGPUB; USPAT	OR	ON	2008/07/30 18:07
S20	147	S11 and style with editor	US-PGPUB; USPAT	OR	ON	2008/07/30 18:15
S21	31	S11 and style with editor and web near page	US-PGPUB; USPAT	OR	ON	2008/07/30 18:15
S22	40	S11 and web near site with theme	US-PGPUB; USPAT	OR	ON	2008/07/30 18:17
S23	87	S11 and web near site with animation	US-PGPUB; USPAT	OR	ON	2008/07/30 18:23
S24	346	S11 and dhtml	US-PGPUB; USPAT	OR	ON	2008/07/30 18:31
S25	8	S11 and dhtml same (editor builder)	US-PGPUB; USPAT	OR	ON	2008/07/30 18:31

S26	0	(US-20040148307-$).did. and (time$line$3 time adj line) same style	US-PGPUB	OR	ON	2008/07/30 18:51
S27	0	(US-20040148307-$).did. and (tim8) same style	US-PGPUB	OR	ON	2008/07/30 18:51
S28	1	(US-20040148307-$).did. and (tim$4 time$5) same style	US-PGPUB	OR	ON	2008/07/30 18:51
S29	0	(US-20040148307-$).did. and style same time near line	US-PGPUB	OR	ON	2008/07/30 19:01
S30	1	(US-20040148307-$).did. and child same time near line	US-PGPUB	OR	ON	2008/07/30 19:01
S31	1	(US-20040148307-$).did. and style	US-PGPUB	OR	ON	2008/07/30 19:03
S32	76415	S11 and css editor	US-PGPUB; USPAT	OR	ON	2008/07/30 19:09
S33	19	S11 and user near3 input same generat$7 same web near site and (associat$4 assign$4) same style	US-PGPUB; USPAT	OR	ON	2008/07/30 19:11

8/3/08 9:33:37 PM
C:\Documents and Settings\AQueler\My Documents\EAST\Workspaces\10351182-websitebuilder.wsp

#3

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Steven H. Rempell
Art Unit	
Examiner Name	
Attorney Docket Number	8479-09 (6951-60840)

10/351182 01/24/03

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,842,020	11/1998	Faustini	
		US- 6,148,311	11/2000	Wishnie et al.	
		US- 5,870,767	02/1999	Kraft, IV	
		US- 6,081,263	06/2000	LeGall et al.	
		US- 6,083,276	07/2000	Davidson et al.	
		US- 5,428,731	06/1995	Powers III	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] -Number[4] - Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature	/Adam Queler/ (07/30/2008)	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AQ/

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Steven H. Rempell

Application No.: 10/351,182

Filed: January 24, 2003

Title: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

Group Art Unit: 2178

Examiner: Queler

Docket No.: XPR.001US1

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the Official Action mailed April 15, 2008, imposing a Restriction Requirement, Applicant hereby elects Claims 47-51 and 56 (Group VII) for prosecution in the instant application, without traverse.

This response is being submitted within the one month shortened statutory period for reply, and thus no extension of time fee is required.

Respectfully submitted,

May 12, 2008

/Steven R. Vosen/

1563 Solano Ave., #206
Berkeley, CA 94705
Tel: (510) 841-4711; Fax: (510) 217-6844

Steven R. Vosen
Registration No. 45,186

Electronic Acknowledgement Receipt	
EFS ID:	3291515
Application Number:	10351182
International Application Number:	
Confirmation Number:	3877
Title of Invention:	Browser based web site generation tool and run time engine
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Tony Freitas
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.001US1
Receipt Date:	12-MAY-2008
Filing Date:	24-JAN-2003
Time Stamp:	19:43:31
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Response to Election / Restriction Filed	XPR001US1Respto2ndRestrictionReq.pdf	57952 07ae4eeab8ceaa84ca9212d2d97cdf8726f3585c	no	1

Warnings:
Information:

Total Files Size (in bytes):	57952

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	XPR.001US1	3877

40280 7590 04/15/2008

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

EXAMINER	
QUELER, ADAM M	

ART UNIT	PAPER NUMBER
2178	

MAIL DATE	DELIVERY MODE
04/15/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/351,182	REMPELL, STEVEN H.	
	Examiner	Art Unit	
	ADAM M. QUELER	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *1* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *17 November 2006*.

2a)☐ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-57* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) _____ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☒ Claim(s) *1-57* are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. With the Office's apologies, claims 52, 53, and 57 were accidentally grouped in group VII instead Group V, where they should have been. As this might affect Applicant's election, this replaces the original restriction requirement.

2. Restriction to one of the following inventions is required under 35 U.S.C. 121:

I. Claims 2-9 and 14, drawn to a 3 way selection, classified in class 715, subclass 810.

II. Claims 10 and 11, drawn to adjusting tot screen resolution, classified in class 715, subclass 523

III. Claims 12 and 13, drawn to status feedback, classified in class 715, subclass 772.

IV. Claims 15-42, and 54, drawn to an application for designing web sites, classified in class 715, subclass 530.

V. Claims 43-44, 52, 53, and 57 drawn to assembling web site transitions, classified in class 715, subclass 500.1.

VI. Claims 45-46 and 55, drawn to text input, classified in class 715, subclass 780.

VII. Claims 47-51, and 56, drawn to style selection, classified in class 715, subclass 522.

The inventions are distinct, each from the other because of the following reasons:

3. Inventions IV and I are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the

subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application does not require a particular input method. The subcombination has separate utility such as collecting input for a spreadsheet.

4. Inventions IV and II are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application's resolution could be manually adjusted. The subcombination has separate utility such as changing the resolution of a video game.

5. Inventions IV and III are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application could display feedback in any number of ways. The subcombination has separate utility such as a use in a control system.

6. Inventions IV and V are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant

case, the combination as claimed does not require the particulars of the subcombination as claimed because a single web page would not need a transition. The subcombination has separate utility such as being used for a slide presentation.

7. Inventions IV and VI are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application can accept text input in any number of ways. The subcombination has separate utility such as inputting data into an accounting program.

8. Inventions IV and VII are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because a web site does need an explicit style. The subcombination has separate utility such as use in a word processor.

9. Inventions I, II, III, V, VI, and VII are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, all the subcombinations have separate utilities such as those listed above. See MPEP § 806.05(d).

10. The examiner has required restriction between subcombinations usable together. Where applicant elects a subcombination and claims thereto are subsequently found allowable, any claim(s) depending from or otherwise requiring all the limitations of the allowable subcombination will be examined for patentability in accordance with 37 CFR 1.104. See MPEP § 821.04(a). Applicant is advised that if any claim presented in a continuation or divisional application is anticipated by, or includes all the limitations of, a claim that is allowable in the present application, such claim may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application.

11. The examiner has required restriction between combination and subcombination inventions. Where applicant elects a subcombination, and claims thereto are subsequently found allowable, any claim(s) depending from or otherwise requiring all the limitations of the allowable subcombination will be examined for patentability in accordance with 37 CFR 1.104. See MPEP § 821.04(a). Applicant is advised that if any claim presented in a continuation or divisional application is anticipated by, or includes all the limitations of, a claim that is allowable in the present application, such claim may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application.

12. Restriction for examination purposes as indicated is proper because all these inventions listed in this action are independent or distinct for the reasons given above and there would be a serious search and examination burden if restriction were not required because one or more of the following reasons apply:

(a) the inventions have acquired a separate status in the art in view of their different classification;

(b) the inventions have acquired a separate status in the art due to their recognized divergent subject matter;

(c) the inventions require a different field of search (for example, searching different classes/subclasses or electronic resources, or employing different search queries);

(d) the prior art applicable to one invention would not likely be applicable to another invention;

(e) the inventions are likely to raise different non-prior art issues under 35 U.S.C. 101 and/or 35 U.S.C. 112, first paragraph.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a invention to be examined even though the requirement may be traversed (37 CFR 1.143) **and (ii) identification of the claims encompassing the elected invention**.

The election of an invention may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse. Traversal must be presented at the time of election in order to be considered timely. Failure to timely traverse the requirement will result in the loss of right to petition under 37 CFR 1.144. If claims are added after the election, applicant must indicate which of these claims are readable on the elected invention.

If claims are added after the election, applicant must indicate which of these claims are readable upon the elected invention.

Should applicant traverse on the ground that the inventions are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the

inventions to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ADAM M. QUELER whose telephone number is (571)272-4140. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Adam M Queler/
Patent Examiner, Art Unit 2178

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 3877

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
10/351,182	01/24/2003 RULE	707	2178	XPR.001US1

APPLICANTS
Steven H. Rempell, Novato, CA;

**** CONTINUING DATA ************************ Continuity to 09/454,061 USPN 6546397 needs be added

**** FOREIGN APPLICATIONS ************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
03/12/2003

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☑ No Verified and Acknowledged /ADAM M QUELER/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		CA	68	56	12

ADDRESS

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707
UNITED STATES

TITLE

Browser based web site generation tool and run time engine

FILING FEE RECEIVED	FEES: Authority has been given in Paper	☐ All Fees
1077	No._____ to charge/credit DEPOSIT ACCOUNT	☐ 1.16 Fees (Filing)
	No._____ for following:	☐ 1.17 Fees (Processing Ext. of time)
		☐ 1.18 Fees (Issue)
		☐ Other _____
		☐ Credit

BIB (Rev. 05/07).

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

COPY MAILED
MAR 20 2007
OFFICE OF PETITIONS

In re Application of

Steven H. Rempell :

Application No. 10/351,182

: DECISION ON PETITION

Filed: January 24, 2003

:

Attorney Docket No. XPR.001US1

This is a decision on the renewed petition under 37 CFR 1.137(b), filed, November 17, 2006, to revive the above-identified application.

The petition is **GRANTED**.

The above-cited application became abandoned for failure to reply in a timely manner to the election/restriction requirement mailed March 21, 2006, which set a shortened period for reply of one (1) months from its mailing date. No extension of time pursuant to 37 CFR 1.136(a) was obtained within the allowable period. Accordingly, the application became abandoned on June 22, 2006. A Notice of Abandonment was mailed on October 16, 2006.

The election filed November 17, 2006, is noted.

The application is being forwarded to Technology Center 2100, GAU 2178 for further processing.

Telephone inquiries concerning this decision should be directed to the undersigned at (571) 272-3222.

Kenya A. McLaughlin
Petitions Attorney
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/351,182	01/24/2003	Steven H. Rempell	8479-09 (5951-60840)

CONFIRMATION NO. 3877

DONALD L. BARTELS
COUDERT BROTHERS LLP
TWO PALO SQUARE
3000 EL CAMINO REAL FOURTH FLOOR
PALO ALTO, CA 94306-2121

RECEIVED
JAN 17 2007
Technology Center 2100

OC000000021707374
OC000000021707374

Date Mailed: 12/21/2006

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/17/2006.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Brenda Turner

BRENDA L TURNER
2100 (571) 272-3614

FORMER ATTORNEY/AGENT COPY

BEST AVAILABLE COPY

Organization TC2100 Bldg/Room RANDOLPH

UNITED STATES PATENT AND TRADEMARK OFFICE

[redacted] Alexa. 22313

IF UNDELIVERABLE RETURN IN TEN DAYS

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

AN EQUAL OPPORTUNITY

UNITED STATES POSTAGE U.S. OFFICIAL MAIL PENALTY FOR PRIVATE USE $300 PITNEY BOWES

02 1A $ 00.39⁰
0004205065 DEC 22 2006
MAILED FROM ZIP CODE 22314

RECEIVED
JAN 17 2007
Technology Center 2100

DONALD L PARTELS
COOLEY GODWARD LLP
[illegible] PALO SQUARE
[illegible] EL CAMINO REAL [illegible]
PALO ALTO, CA 94306-2121

9430632121 C044

ANK
NIXIE 941 1 30 12/30/06
RETURN TO SENDER
ATTEMPTED - NOT KNOWN
UNABLE TO FORWARD
BC: 20000 *0217-07819-22-41

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/351,182	01/24/2003	Steven H. Rempell	8479-09 (5951-60840)

CONFIRMATION NO. 3877

OC000000021707429

OC000000021707429

40280
STEVEN VOSEN
1563 SOLANO AVENUE #206
BERKELEY, CA 94707

Date Mailed: 12/21/2006

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/17/2006.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Brenda Turner

BRENDA L TURNER
2100 (571) 272-3614

OFFICE COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/351,182	01/24/2003	Steven H. Rempell	8479-09 (5951-60840)

CONFIRMATION NO. 3877

OC000000021707374

OC000000021707374

DONALD L. BARTELS
COUDERT BROTHERS LLP
TWO PALO SQUARE
3000 EL CAMINO REAL FOURTH FLOOR
PALO ALTO, CA 94306-2121

Date Mailed: 12/21/2006

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/17/2006.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Brenda Turner

BRENDA L TURNER
2100 (571) 272-3614

OFFICE COPY

RECEIVED
CENTRAL FAX CENTER
DEC 18 2006

PTO/SB/21 (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)			
		Application Number	10/351,182
		Filing Date	Jan 24, 2003
		First Named Inventor	Rempell, Steven
		Art Unit	2178
		Examiner Name	QUELER, ADAM M
Total Number of Pages in This Submission	2	Attorney Docket Number	XPR.001US1

ENCLOSURES *(Check all that apply)*

☐ Fee Transmittal Form	☐ Drawing(s)	☐ After Allowance communication to (TC)
☐ Fee Attached	☐ Licensing-related Papers	☐ Appeal Communication to Board of Appeals and Interferences
☐ Amendment / Reply	☐ Petition	☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
☐ After Final	☐ Petition to Convert to a Provisional Application	☐ Proprietary Information
☐ Affidavits/declaration(s)	☒ Change of Correspondence Address	☐ Status Letter
☐ Extension of Time Request	☐ Terminal Disclaimer	☐ Other Enclosure(s) (please identify below):
☐ Express Abandonment Request	☐ Request for Refund	
☐ Information Disclosure Statement	☐ CD, Number of CD(s) _____	
	☐ Landscape Table on CD	
☐ Certified Copy of Priority Document(s)		
☐ Reply to Missing Parts/ Incomplete Application	Remarks	
☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Steven Vosen		
Date	December 18, 2006	Reg. No.	45186

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Steven Vosen	Date	December 18, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER
DEC 18 2006

PTO/SB/122 (01-06)
Approved for use through 12/31/2008. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CHANGE OF CORRESPONDENCE ADDRESS
Application

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	10/351,182
Filing Date	1/24/2003
First Named Inventor	Rempell
Art Unit	2178
Examiner Name	QUELER, ADAM M
Attorney Docket Number	XPR.001US1

Please change the Correspondence Address for the above-identified patent application to:

[X] The address associated with Customer Number: **40280**

OR

[ ] Firm or Individual Name

Address

City	State	Zip
Country		
Telephone	Email	

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

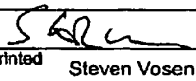
I am the:

[ ] Applicant/Inventor

[ ] Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

[X] Attorney or agent of record. Registration number 45186.

[ ] Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Signature			
Typed or Printed Name	Steven Vosen		
Date	December 18, 2006	Telephone	510-841-4711

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

[ ] *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comment on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER
NOV 17 2006

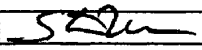
PTO/SB/21 (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)			
		Application Number	10/351,182
		Filing Date	Jan 24, 2003
		First Named Inventor	Rempell, Steven
		Art Unit	2178
		Examiner Name	Adam M. Queler
Total Number of Pages in This Submission	6	Attorney Docket Number	XPR.001US1

ENCLOSURES *(Check all that apply)*

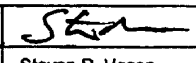
☐ Fee Transmittal Form	☐ Drawing(s)	☐ After Allowance communication to (TC)
☐ Fee Attached	☐ Licensing-related Papers	☐ Appeal Communication to Board of Appeals and Interferences
☐ Amendment / Reply	☒ Petition for Revi of Appln (2pp)	☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
☐ After Final	☐ Petition to Convert to a Provisional Application	☐ Proprietary Information
☐ Affidavits/declaration(s)	☐ Power of Attorney, Revocation Change of Correspondence Address	☐ Status Letter
☐ Extension of Time Request	☐ Terminal Disclaimer	☒ Other Enclosure(s) (please identify below):
☐ Express Abandonment Request	☐ Request for Refund	Response to Restriction Req (1p) Rev of POA w/ New POA (1p) Credit Card Payment Form (1p)
☐ Information Disclosure Statement	☐ CD, Number of CD(s) _____	
☐ Certified Copy of Priority Document(s)	☐ Landscape Table on CD	
☐ Reply to Missing Parts/ Incomplete Application	Remarks	
☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Steven R. Vosen		
Date	November 17, 2006	Reg. No.	45,186

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Steven R. Vosen	Date	November 17, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER

NOV 17 2006

PTO/SB/64 (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)	Docket Number (Optional) XPR.001US1

First named Inventor: Steven H. Rempell

Application No.: 10/351,182 Art Unit: 2178

Filed: January 24, 2003 Examiner: Adam Queler

Title: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

Attention: Office of Petitions
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:
(1) Petition fee;
(2) Reply and/or issue fee;
(3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
(4) Statement that the entire delay was unintentional.

1. Petition fee
☑ Small entity-fee $ 750 (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.

☐ Other than small entity – fee $ _____ (37 CFR 1.17(m))

2. Reply and/or fee
A. The reply and/or fee to the above-noted Office action in the form of Response to Restriction Requirment (identify type of reply):

☐ has been filed previously on _____.
☑ is enclosed herewith.

B. The issue fee and publication fee (if applicable) of $ _____.
☐ has been paid previously on _____.
☐ is enclosed herewith.

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

11/20/2006 TL0111 00000056 10351182
01 FC:2453 750.00 OP

RECEIVED
CENTRAL FAX CENTER

NOV 17 2006

PTO/SB/64 (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

3. Terminal disclaimer with disclaimer fee

☑ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of $ _____ for a small entity or $ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

Signature	November 17, 2006 Date
Steven R. Vosen Typed or printed name	45,186 Registration Number, if applicable
1563 Solano Ave., #206 Address	510-841-4711 Telephone Number
Berkeley, CA 94707 Address	

Enclosures: ☑ Fee Payment

☑ Reply

☐ Terminal Disclaimer Form

☐ Additional sheets containing statements establishing unintentional delay

☐ Other: _____

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

☑ Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.

11/17/06
Date

Signature

STEVEN R. VOSEN
Typed or printed name of person signing certificate

[Page 2 of 2]

RECEIVED
CENTRAL FAX CENTER
NOV 17 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Steven H. Rempell
Application No.: 10/351,182
Filed: January 24, 2003
Title: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE
Group Art Unit: 2178
Examiner: Queler
Docket No.: XPR.001US1

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the Official Action mailed March 21, 2006, imposing a Restriction Requirement, Applicant hereby elects Claims 47-53 and 56-57 (Group VII) for prosecution in the instant application, without traverse.

Respectfully submitted,

November 17, 2006

1563 Solano Ave., #206
Berkeley, CA 94705
Tel: (510) 841-4711; Fax: (510) 217-6844

Steven R. Vosen
Registration No. 45,186

PAGE 5/6 * RCVD AT 11/17/2006 4:37:01 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-3/8 * DNIS:2738300 * CSID:15102176844 * DURATION (mm-ss):05-40

RECEIVED
CENTRAL FAX CENTER
NOV 17 2006

PTO/SB/82 (01-06)
Approved for use through 12/31/2008. OMB 0651-0035
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	10/351,182
Filing Date	January 24, 2003
First Named Inventor	Rempell
Art Unit	2178
Examiner Name	Queler
Attorney Docket Number	EXP.001US1

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☑ I hereby appoint the practitioners associated with the Customer Number: 40280

☐ Please change the correspondence address for the above-identified application to:

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☑ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature			
Name	Steven H. Rempell		
Date	November 17, 2006	Telephone	415-899-9469

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Hoskin H. Rempell	8479-09 (5951-60840)	3877

7590 10/16/2006

DONALD L. BARTELS
COUDERT BROTHERS LLP
TWO PALO SQUARE
3000 EL CAMINO REAL FOURTH FLOOR
PALO ALTO, CA 94306-2121

OIPE IAP98 OCT 26 2006 PATENT & TRADEMARK OFFICE

EXAMINER	
QUELER, ADAM M	

ART UNIT	PAPER NUMBER
2178	

DATE MAILED: 10/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Notice of Abandonment	Application No.	Applicant(s)	
	10/351,182	REMPELL, STEVEN H.	
	Examiner	Art Unit	
	Adam M. Queler	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on *21 March 2006*.
   (a) ☐ A reply was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply (including a total extension of time of _____ month(s)) which expired on _____.
   (b) ☐ A proposed reply was received on _____, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.
   (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
   (c) ☐ A reply was received on _____ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
   (d) ☒ No reply has been received.

2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
   (a) ☐ The issue fee and publication fee, if applicable, was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
   (b) ☐ The submitted fee of $_____ is insufficient. A balance of $_____ is due.
   The issue fee required by 37 CFR 1.18 is $_____. The publication fee, if required by 37 CFR 1.18(d), is $_____.
   (c) ☐ The issue fee and publication fee, if applicable, has not been received.

3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
   (a) ☐ Proposed corrected drawings were received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply.
   (b) ☐ No corrected drawings have been received.

4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.

5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.

6. ☐ The decision by the Board of Patent Appeals and Interference rendered on _____ and because the period for seeking court review of the decision has expired and there are no allowed claims.

7. ☒ The reason(s) below:

Steven Vosen, on file as Attorney-of-Record confirmed no response sent.

STEPHEN HONG
SUPERVISORY PATENT EXAMINER

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

TC2100 Bldg./Room RANDOLPH

S PATENT AND TRADEMARK OFFICE

A. 22313-1450

ole Return In Ten Days

ss

vate Use, $300

AN EQUAL OPPORTUNITY EMPLOYER

Attempted Not Known
No Such Number
Refused Unclaimed
Vacant
No Mail Receptacle
Forwarding Order Expired
Temporarily Away
Route # Initials



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	8479-09 (5951-60840)	3877

7590 10/16/2006

DONALD L. BARTELS
COUDERT BROTHERS LLP
TWO PALO SQUARE
3000 EL CAMINO REAL FOURTH FLOOR
PALO ALTO, CA 94306-2121

EXAMINER	
QUELER, ADAM M	

ART UNIT	PAPER NUMBER
2178	

DATE MAILED: 10/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Notice of Abandonment	Application No.	Applicant(s)	
	10/351,182	REMPELL, STEVEN H.	
	Examiner	Art Unit	
	Adam M. Queler	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on *21 March 2006*.
   (a) ☐ A reply was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply (including a total extension of time of _____ month(s)) which expired on _____.
   (b) ☐ A proposed reply was received on _____, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.
   (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
   (c) ☐ A reply was received on _____ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
   (d) ☒ No reply has been received.

2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
   (a) ☐ The issue fee and publication fee, if applicable, was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
   (b) ☐ The submitted fee of $_____ is insufficient. A balance of $_____ is due.
   The issue fee required by 37 CFR 1.18 is $_____. The publication fee, if required by 37 CFR 1.18(d), is $_____.
   (c) ☐ The issue fee and publication fee, if applicable, has not been received.

3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
   (a) ☐ Proposed corrected drawings were received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply.
   (b) ☐ No corrected drawings have been received.

4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.

5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.

6. ☐ The decision by the Board of Patent Appeals and Interference rendered on _____ and because the period for seeking court review of the decision has expired and there are no allowed claims.

7. ☒ The reason(s) below:

Steven Vosen, on file as Attorney-of-Record confirmed no response sent.

STEPHEN HONG
SUPERVISORY PATENT EXAMINER

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

PLUS Search Results for S/N 10351182, Searched Thu Aug 10 08:52:39 EDT 2006

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5442188 56
5963913 51
6317882 51
5894795 50
6423356 50
6148311 50
6920608 47
20050198042 47
5758471 47
6889230 47
20050192931 47
6292830 45
20030036932 45
20040064790 45
6038610 45
6175863 45
5978818 43
6058417 43
6295551 43
6671689 43
20030145305 43
20040250204 43
20050177401 43
20050210399 43
4840694 43
4263767 43
4264401 43
4401219 43
4458610 43
4856245 43
5451082 43
5771811 43
5894707 43
5848410 42
6175877 42
4257342 41
4785296 41
6195286 41
5937419 41
5864823 40
5973695 40
6012086 40
6226668 40
6226668 40
4283769 40
5010653 40
5497358 40
5534922 40
4496235 39
5664273 39
6000333 39
7039594 39
20030037153 39
20040177335 39
20050256882 39
6024046 39
4896605 38
6272468 38
20050203769 38
5535151 38
5908203 38
6178435 38
4583192 38
4875632 37
5649448 37
4257027 37
4527751 37
4870870 37
4898637 37
5257578 37
5260583 37
5315907 37
5522292 37
5524771 37
5799555 37
20020194165 37
20060031849 37
6112176 37
6167383 37
4494166 37
4998474 37
5999942 37
6209007 37
6405175 37
6516311 37
6546397 37
6675382 37
6782423 37
6968366 37
7031968 37
20020049816 37
20020059278 37
20020073058 37
20020161459 37
20020165936 37
20020169802 37
20030055702 37
20030227482 37
20040039988 37
20040107177 37

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	8479-09 (5951-60840)	3877

7590 03/21/2006

DONALD L. BARTELS
COUDERT BROTHERS LLP
TWO PALO SQUARE
3000 EL CAMINO REAL FOURTH FLOOR
PALO ALTO, CA 94306-2121



EXAMINER	
QUELER, ADAM M	
ART UNIT	PAPER NUMBER
2178	

DATE MAILED: 03/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Office Action Summary	Application No.	Applicant(s)	
	10/351,182	REMPELL, STEVEN H.	
	Examiner	Art Unit	
	Adam M. Queler	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *08 November 2004*.

2a)☐ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-57* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) _____ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☒ Claim(s) *1-57* are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

I. Claims 2-9 and 14, drawn to a 3 way selection, classified in class 715, subclass 810.

II. Claims 10 and 11, drawn to adjusting tot screen resolution, classified in class 715, subclass 523

III. Claims 12 and 13, drawn to status feedback , classified in class 715, subclass 772.

IV. Claims 15-42, and 54 drawn to an application for designing web sites, classified in class 715, subclass 530.

V. Claims 43-44, drawn to assembling web site transitions, classified in class 715, subclass 500.1.

VI. Claims 45-46 and 55, drawn to text input, classified in class 715, subclass 780.

VII. Claims 47-53, and 56-57 drawn to style selection, classified in class 715, subclass 522.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions IV and I are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as

claimed because the application does not require a particular input method. The subcombination has separate utility such as collecting input for a spreadsheet.

3. Inventions IV and II are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application's resolution could be manually adjusted. The subcombination has separate utility such as changing the resolution of a video game.

4. Inventions IV and III are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application could display feedback in any number of ways. The subcombination has separate utility such as a use in a control system.

5. Inventions IV and V are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as

claimed because a single web page would not need a transition. The subcombination has separate utility such as being used for a slide presentation.

6. Inventions IV and VI are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application can accept text input in any number of ways. The subcombination has separate utility such as inputting data into an accounting program.

7. Inventions IV and VII are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because a web site does need an explicit style. The subcombination has separate utility such as use in a word processor..

8. Inventions I, II, III, V, VI, and VII are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, all the subcombinations have separate utilities such as those listed above. See MPEP § 806.05(d).

9. Because these inventions are independent or distinct for the reasons given above and have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.

10. Because these inventions are independent or distinct for the reasons given above and the inventions require a different field of search (see MPEP § 808.02), restriction for examination purposes as indicated is proper.

11. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adam M. Queler whose telephone number is (571) 272-4140. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AQ

STEPHEN HONG
SUPERVISORY PATENT EXAMINER

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450
IF UNDELIVERABLE RETURN IN TEN DAYS
OFFICIAL BUSINESS
AN EQUAL OPPORTUNITY EMPLOYER
02 1A
000420447
MAILED FRC
PRISON CHECK
Unclaimed
Refused
Addressee Not Known
Insufficient Address
No Such Street
No Such Number
RECEIVED
MAR 2 9 2006
USPTO MAIL CENTER

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/351,182	01/24/2003	Steven H. Rempell	8479-09 (5951-60840)	3877

7590 03/21/2006

DONALD L. BARTELS
COUDERT BROTHERS LLP
TWO PALO SQUARE
3000 EL CAMINO REAL FOURTH FLOOR
PALO ALTO, CA 94306-2121

EXAMINER	
QUELER, ADAM M	
ART UNIT	**PAPER NUMBER**
2178	

DATE MAILED: 03/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Office Action Summary	Application No.	Applicant(s)	
	10/351,182	REMPELL, STEVEN H.	
	Examiner	Art Unit	
	Adam M. Queler	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *08 November 2004*.

2a)☐ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-57* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) _____ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☒ Claim(s) *1-57* are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

I. Claims 2-9 and 14, drawn to a 3 way selection, classified in class 715, subclass 810.

II. Claims 10 and 11, drawn to adjusting tot screen resolution, classified in class 715, subclass 523

III. Claims 12 and 13, drawn to status feedback , classified in class 715, subclass 772.

IV. Claims 15-42, and 54 drawn to an application for designing web sites, classified in class 715, subclass 530.

V. Claims 43-44, drawn to assembling web site transitions, classified in class 715, subclass 500.1.

VI. Claims 45-46 and 55, drawn to text input, classified in class 715, subclass 780.

VII. Claims 47-53, and 56-57 drawn to style selection, classified in class 715, subclass 522.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions IV and I are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as

claimed because the application does not require a particular input method. The subcombination has separate utility such as collecting input for a spreadsheet.

3. Inventions IV and II are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application's resolution could be manually adjusted. The subcombination has separate utility such as changing the resolution of a video game.

4. Inventions IV and III are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application could display feedback in any number of ways. The subcombination has separate utility such as a use in a control system.

5. Inventions IV and V are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as

claimed because a single web page would not need a transition. The subcombination has separate utility such as being used for a slide presentation.

6. Inventions IV and VI are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the application can accept text input in any number of ways. The subcombination has separate utility such as inputting data into an accounting program.

7. Inventions IV and VII are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because a web site does need an explicit style. The subcombination has separate utility such as use in a word processor..

8. Inventions I, II, III, V, VI, and VII are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, all the subcombinations have separate utilities such as those listed above. See MPEP § 806.05(d).

9. Because these inventions are independent or distinct for the reasons given above and have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.

10. Because these inventions are independent or distinct for the reasons given above and the inventions require a different field of search (see MPEP § 808.02), restriction for examination purposes as indicated is proper.

11. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adam M. Queler whose telephone number is (571) 272-4140. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AQ

STEPHEN HONG
SUPERVISORY PATENT EXAMINER

RECEIVED
CENTRAL FAX CENTER
NOV 0 8 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Steven Rempell
Serial No.:	10/351,182
Filed:	January 24, 2003
For:	BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE
Art Unit:	2171
Examiner:	Metjahic, Safet
Atty. Docket:	8479-09

CERTIFICATE OF MAILING/TRANSMISSION
(37 C.F.R. § 1.8A)

I hereby certify that this correspondence is, on the date shown below, being:
( ) deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, Virginia 22313-1450.
(X) transmitted by facsimile to the USPTO, (703) 872-9306.

November 8, 2004 Linda Clinkenbeard

Confirmation No.: 3877

CHANGE OF CORRESPONDENCE ADDRESS UNDER 37 C.F.R. §1.33(d)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please address all future correspondence regarding the above-identified patent application to:

Donald L. Bartels
Coudert Brothers LLP
Two Palo Alto Square
3000 El Camino Real
Fourth Floor
Palo Alto, CA 94306-2121

Respectfully submitted,

Donald L. Bartels
Registration No. 28,282

November 8, 2004
COUDERT BROTHERS LLP
Two Palo Alto Square
3000 El Camino Real
Fourth Floor
Palo Alto, CA 94306-2121
Tel: (650) 739-2800
Fax: (650) 739-2801

PALOALTO 407620Bv1
PAGE 1/1 * RCVD AT 11/8/2004 12:33:09 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:650 739 2801 * DURATION (mm-ss):00-40

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 3877

SERIAL NUMBER	FILING OR 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
10/351,182	01/24/2003 RULE	707	2171	8479-09 (5951-60840)

APPLICANTS

Steven H. Rempell, Novato, CA;

** CONTINUING DATA **********

** FOREIGN APPLICATIONS **********

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **
** 03/12/2003

Foreign Priority claimed	STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
☐ yes ☐ no	CA	68	56	12
35 USC 119 (a-d) conditions met ☐ yes ☐ no ☐ Met after Allowance				
Verified and Acknowledged _____ Examiner's Signature Initials				

ADDRESS

DONALD L. BARTELS
COUDERT BROTHERS LLP
TWO PALO SQUARE
3000 EL CAMINO REAL FOURTH FLOOR
PALO ALTO ,CA 94306-2121

TITLE

Browser based web site generation tool and run time engine

FILING FEE RECEIVED		
1077	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

Organization _____ Bldg. Room _____

UNITED STATES PATENT AND TRADEMARK OFFICE
P.O. Box 1450
Alexandria, VA 22313-1450
If Undeliverable Return In Ten Days

Official Business
Penalty For Private Use $300

AN EQUAL OPPORTUNITY EMPLOYER

O I P E

94103+1450 RETURN TO SENDER

COUD600 94109053 1503 30 09/05/04
FORWARD TIME EXP RTN TO SEND
:COUDERT BROTHERS LLP
1 MARKET PLZ STE 2100
SAN FRANCISCO CA 94105-1105

217#4

30

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/351,182	01/24/2003	Steven H. Rempell	8479-09 (5951-60840)

CONFIRMATION NO. 3877

Coudert Brothers LLP
Third Floor
600 Beach Street
San Francisco, CA 94109

OC000000013377756

Title: Browser based web site generation tool and run time engine

RECEIVED
AUG 2 4 2004
Technology Center 2100

Publication No. US-2004-0148307-A1
Publication Date: 07/29/2004

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at (703) 305-3028.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

01-27-03

PTO/SB/05 (03-01) A
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

01/24/03 JC887 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	8479-09 (6951-60840)
First Inventor	Steven H. Rempell
Title	Browser Based Web Site Generation Tool and Run Time Engine
Express Mail Label No.	EL938822164US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. [✔] Fee Transmittal Form (e.g., PTO/SB/17) *(Submit an original and a duplicate for fee processing)*
2. [✔] Applicant claims small entity status. See 37 CFR 1.27.
3. [✔] Specification [*Total Pages* 95]
   (preferred arrangement set forth below)
   - Descriptive title of the invention
   - Cross Reference to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table, or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure
4. [✔] Drawing(s) *(35 U.S.C. 113)* [*Total Sheets* 68]
5. Oath or Declaration [*Total Pages* 2]
   a. [ ] Newly executed (original or copy)
   b. [✔] Copy from a prior application (37 CFR 1.63 (d)) *(for continuation/divisional with Box 18 completed)*
      i. [ ] DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. [ ] Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

J1046 U.S. PTO 10/351182 01/24/03

7. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
   a. [ ] Computer Readable Form (CRF)
   b. Specification Sequence Listing on:
      i. [ ] CD-ROM or CD-R (2 copies); or
      ii. [ ] paper
   c. [ ] Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. [ ] Assignment Papers (cover sheet & document(s))
10. [ ] 37 CFR 3.73(b) Statement *(when there is an assignee)* [✔] Power of Attorney
11. [ ] English Translation Document *(if applicable)*
12. [✔] Information Disclosure Statement (IDS)/PTO-1449 [✔] Copies of IDS Citations
13. [✔] Preliminary Amendment
14. [✔] Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. [ ] Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. [ ] Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. [ ] Other: .....

18. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*

[✔] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No.: 09 / 454,061

Prior application information: *Examiner:* Le, Uyen T. *Group Art Unit:* 2171

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

[ ] *Customer Number or Bar Code Label* *(Insert Customer No. or Attach bar code label here)* or [✔] *Correspondence address below*

Name	Coudert Brothers LLP				
Address	600 Beach Street Third Floor				
City	San Francisco	*State*	CA	*Zip Code*	94109
Country	USA	*Telephone*	415/409-2900	*Fax*	415/409-7400

Name (Print/Type)	Steven R. Vosen, Ph.D.	*Registration No. (Attorney/Agent)*	45,186
Signature		*Date*	1/24/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

[redacted]

PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

[X] Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 1077.00

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Steven H. Rempell
Examiner Name	
Art Unit	
Attorney Docket No.	8479-09 (6951-60840)

METHOD OF PAYMENT *(check all that apply)*

[X] Check [ ] Credit card [ ] Money Order [ ] Other [ ] None

[ ] Deposit Account:

Deposit Account Number: 13-0201

Deposit Account Name: Coudert Brothers LLP

The Commissioner is authorized to: *(check all that apply)*

[ ] Charge fee(s) indicated below [X] Credit any overpayments

[ ] Charge any additional fee(s) during the pendency of this application

[ ] Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	375
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 375.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims	56	-20** =	36	X 9	= 324
Independent Claims	12	- 3** =	9	X 42	= 378
Multiple Dependent					=

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 702.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) -0-

SUBMITTED BY				(Complete *if applicable*)	
Name (Print/Type)	Steven R. Vosen, Ph.D.	Registration No. (Attorney/Agent)	45,186	Telephone	415/409-2900
Signature	Steven R. Vosen			Date	1/24/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

[redacted]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

Attorney Docket: 8479-09 (6951-60840)

EXPRESS MAIL CERTIFICATE

- **Utility Patent Application Transmittal**
- **Fee Transmittal form**
- **Check in the amount of #1077.00 (#62618)**
- **Specification, 95 pages**
- **Drawings, 68 Pages, Figures #1-63**
- **Combined Declaration and Power of Attorney Received in the USPTO 04/27/2000**
- **Power of Attorney filed 09/25/2001**
- **Information Disclosure Statement w/copies of Citations**
- **Preliminary Amendment, 9 pages**
- **Certificate of Mailing**
- **Postcard**

I hereby certify that this paper and the attached enclosures listed above are being deposited with the U.S. Postal Service "Express Mail to Addressee" Express Mail No. **EL938822164US** on January 24, 2003, and is addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington DC, 20231

Date: January 24, 2003

Mary M. Padilla
Name of Person Mailing Paper/Fee

Mary M. Padilla
Signature of Person Mailing Paper/Fee

SANFRANCISCO 4076447v1

[redacted]

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rempell

Serial No. : Unassigned

Filed: January 23, 2003

For: BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

Art Group Unit: Unassigned

Examiner: Unassigned

Attorney Docket: 8479-09

CERTIFICATE OF MAILING/TRANSMISSION (37 C. F. R. § 1. 8A)

I hereby certify that this correspondence is, on the date shown below, being:
(X) deposited with the United States Postal Service "Express Mail to Addresee" Express Mail No. **EL938822164US** addressed to: Box Patent Application, Commissioner for Patents, Washington, D. C. 20231.
( ) transmitted by facsimile to the Patent and Trademark Office at 703/308-9051.

01/24/2003 Mary M. Padilla
Date Mary M. Padilla

Box Patent Application
Commissioner for Patents
Washington, D. C. 20231

PRELIMINARY AMENDMENT "A" UNDER §1.115

Sir:

Please enter the following amendments to the claims before the substantive examination of the patent application.

In the Specification:

Please add the following section before paragraph [0001]:

--CROSS-REFERENCE TO RELATED APPLICATIONS

[0000] This application is a continuation of U.S. patent application Serial No. 09/454,061, filed December 2, 1999. - -

Please insert the following heading between paragraphs [0000] and [0001]:

FIELD OF THE INVENTION

In the Claims:

Please delete claim 1.

Please add the following new claims 2-53:

2. (New) A user interface for a windowing operating system to select one input from a plurality of inputs for a programmable electronic device having a display and a mouse comprising:

an input display indicating at least one input from a plurality of inputs; and

dual spin control means for selecting input from said display screen with said mouse.

3. (New) The user interface of claim 2, wherein said dual spin control means includes at least three user selectable areas.

4. (New) The user interface of claim 3,

wherein a selected first area increments said input from said plurality of inputs,

wherein a selected second area decrements said input from said plurality of inputs, and

wherein a selected third area results in the additional steps of:

displaying a user selectable list of at least a portion of said plurality of inputs, and

accepting a user selection of one of said list of at least a portion of said plurality of inputs.

5. (New) A user interface for a windowing operating system to select one input from a plurality of inputs for a programmable electronic device having a display and a mouse device comprising:

an input display indicating at least one input from a plurality of inputs; and

at least three user selectable areas to select said input from among said plurality of inputs.

6. (New) The user interface of claim 5, wherein said at least three user selectable areas is three user selectable areas including a first area, a second area and a third area,

wherein a selected first area increments said input from said plurality of inputs,

wherein a selected second area decrements said input from said plurality of inputs, and

wherein a selected third area results in the additional steps of:

displaying a user selectable list of at least a portion of said plurality of inputs, and

accepting a user selection of one of said list of at least a portion of said plurality

of inputs.

7. (New) A method for providing an input to an electronic device having a windowing operating system and having a display screen and a user controllable mouse device that indicates position on said display screen, and where said input is selected from among a plurality of inputs, said method comprising:

displaying one of the plurality of inputs on said display screen;

displaying three user selectable areas on said display screen including a first area, a second area and a third area; and

accepting a user selection according said indicated position over one of said three areas,

where the accepted first area increments said input from said plurality of inputs,

where the accepted second area decrements said input from said plurality of inputs, and

where the accepted third area results in the additional steps of:

displaying a user selectable list of at least a portion of said plurality of inputs, and

accepting a user selection of one of said list of at least a portion of said plurality of inputs.

8. (New) The method of claim 7, wherein said displaying a user selectable list further includes displaying two user selectable areas for scrolling through said list of said plurality of inputs.

9. (New) The method of claim 7, wherein said displaying three user selectable areas further includes modifying said display when said cursor is over said area and modifying said display when said accepting said user selection.

10. (New) A method of displaying applications on a display screen comprising:

sensing the screen resolution of said display screen; and

adapting the display of an application running within a browser according to said sensed screen resolution.

11. (New) The method of claim 10, wherein said sensing includes determining the size of said current browser window by executing JavaScript code, and wherein said

adapting includes generating and causing said browser to run HTML code to define said display.

12. (New) A method of displaying applications on a display screen comprising:
providing a user interface having status feedback from a Brower-based application having active and dynamic interface objects.

13. (New) A user interface for an application running within a browser comprising:
at least one active and dynamic interface object to provide status feedback and user interaction.

14. (New) A user interface for an application running within a browser comprising:
a browser; and
dual spin control means to provide input to said application.

15. (New) An application running within an application window of a browser, said application having a user interface comprising an application engine developed with a full-featured programming language.

16. (New) The application of claim15, further including an associated database.

17. (New) The application of claim 16, wherein said user interface is developed with HTML and extensions thereof.

18. (New) The application of claim 17, wherein said user interface includes an application frame and a panel, and wherein said application frame is operable to receive user input and includes menus for controlling the form of content to be displayed in the application frame.

19. (New) The application of claim 18, further including means for generating one or more pop-up windows for receiving user input to control the form of content for said application frame, and a database of information for generating said one or more pop-up windows in response to user input.

20. (New) The application of claim 19 further including means for constructing one or more intelligent interface objects each to be displayed in a pop-up window; and where

[redacted]

said interface is operable to display said one or more pop-up windows in response to a user input.

21. (New) The application of claim 20 wherein the means for constructing one or more intelligent interface objects includes means for constructing a Java Applet Object inside a JavaScript Window that communicates with said application engine.

22. (New) The application of claim 20 wherein said intelligent interface object is selected from the group of sliders to dials.

23. (New) The application of claim 18 wherein said application engine is written in JAVA and said user interface is written in HTML and extensions thereof, and wherein said apparatus includes means for two way communication between HTML and a JAVA application engine.

24. (New) The application of claim 17 wherein said extensions are JavaScript, dynamic HTML, and cascading style sheets.

25. (New) The application of claim 16 where said associated database is a multi-dimensional array structured database for storing numeric data, string data and multi-dimensional arrays of various multimedia objects.

26. (New) The application of claim 25 wherein said multi-dimensional arrays are represent a multimedia object selected from the group of color, fonts, images, audio clips, video clips, text areas and thread objects.

27. (New) The application of claim 16 further comprising a screen resolution sensing mechanism operable to cause said engine to adopt said user interface to said user's screen resolution.

28. (New) The application of claim 17 wherein said user interface includes interface objects and application object interactions including menu bars, tool bars, status fields, interactive fields, interactive drop-down, multiple selection and scrollable lists, alert messages, pop-up windows, dialog boxes, and means for changing the cursor shape, inserting objects, selecting objects, and direct manipulation of objects.

[redacted]

29. (New) The application of claim 28 wherein said user interface includes file selection windows.

30. (New) The application of claim 28 wherein said user interface includes pop-up windows displayed over said application engine's frame.

31. (New) The application of claim 28 wherein said user interface includes active and dynamic interface objects for status feedback and user interaction.

32. (New) The application of claim 28 wherein said user interface includes intelligent interface objects in a pop-up window.

33. (New) The application of claim 28 wherein said user interface includes means for implementing mouse based direct object manipulations.

34. (New) The application of claim 33 wherein said direct object manipulations are selected from an interface menu for additional operations other than drag or resize.

35. (New) The application of claim 28 wherein said user interface includes means for the recognizing the receipt of a keystroke to complete a pop-up window operation, to cancel a pop-up window operation, or to navigate within and between pop-up window objects.

36. (New) The application of claim 35 wherein said keystrokes are the enter key, the esc key, the tab key, and all the cursor keys, with and without the simultaneous pressing of the shift and ctrl keys.

37. (New) The application of claim 18 where said application engine includes means for direct text entry and text processing, at an arbitrary cursor location in said application frame or in said application window.

38. (New) The application of claim 37 wherein the means for direct text entry includes means for the creation of a hidden, dynamically growing frame containing text entered by a user.

39. (New) The application of claim 16 wherein said interface includes means for creating and operating a dual, mouse based spin control mechanism for display in a pop-

[redacted]

up window.

40. (New) The application of claim 16 wherein said application is developed using means for creating and operating a dual, mouse based spin control mechanism for display in said panel.

41. (New) The application of claim 16 wherein the application is developed using a dual color selection mechanism for selecting colors to be used for an object for its background, its foreground, and any ornamental objects, the dual selection mechanism responsive to either clicking on a color palette image object and changing an RGB value in a color palette when displayed on the user interface or by selecting an RGB value from the three RGB drop-down lists.

42. (New) The application of claim 16 wherein the application is developed using true 23 bit color by selecting an RGB value from the three RGB drop-down lists, each one having choices from 0x0x to FF hexadecimal.

43. (New) A method of assembling a web-site comprising defining a transition between a first web page of said web-site and a second web page of said web-site, such that the subsequent display of said web-site includes using said defined transition to display transition effects when moving between said first web page and said second page.

44. (New) The method of claim 43, wherein said transition effect is an animation.

45. (New) An application for assembling web-sites comprising:

a build engine for accepting user input to generate a web-site in an application window or application frame; and

means for direct text entry and text processing at an arbitrary cursor location in the build frame.

46. (New) The apparatus of claim 45 wherein the means for direct text entry includes means for the creation of a hidden, dynamically growing frame, the frame containing text entered by a user.

47. (New) An application for assembling web-sites comprising:

a build engine for accepting user input to generate a web-site; and

[redacted]

style definition means for associating a style with button and image objects.

48. (New) The application of claim 47
wherein the build engine includes style definition means for associating a style with child button and child image objects, and
further including a menu for defining child button and child image styles.

49. (New) The application of claim 47, wherein at least one of said styles includes settings for multiple object states.

50. (New) The application of claim 47, wherein at least one of said styles includes values defining transformations and time lines.

51. (New) The application of claim 47, wherein at least one of said styles includes values defining time lines for child button and child image objects.

52. (New) An application for assembling web-sites comprising:
a build engine for accepting user input to generate a web-site; and
means for synchronizing transitions and time lines between web pages.

53. (New) The application of claim 52 further including means for synchronizing web page transitions and time lines with transitions, animations and time lines defined for button and image objects.

54. (New) The method of claim 15, further including file size reduction means for reducing the total size of said application from approximately 12K to approximately 50K.

55. (New) The method of claim 45, further including file size reduction means for reducing the total size files generated by said build engine from approximately 12K to approximately 50K.

56. (New) The method of claim 47, further including file size reduction means for reducing the total size files generated by said build engine from approximately 12K to approximately 50K.

57. (New) The method of claim 52, further including file size reduction means for

Petitioner's Exhibit 1011
Page 0245

Page 245 of 418

reducing the total size files generated by said build engine from approximately 12K to approximately 50K.

In the Abstract:

Please delete the last line of the Abstract, which reads:

H:\data\common\mdk\rempell-prov.doc

REMARKS

In this Amendment, the Applicant has amended the specification as requested by the Examiner during the prosecution of the parent case, has canceled claim 1, and has added claims 2-57. **Claims 2-57 are pending and are subject to examination.**

Respectfully submitted,



Steven R. Vosen
Registration No. 45,186

January 24, 2003
COUDERT BROTHERS, LLP
600 Beach Street, Third Floor
San Francisco, CA 94109
Telephone: (415) 409-2900
Telefax: (415) 409-7400

BROWSER BASED WEB SITE GENERATION TOOL AND RUN TIME ENGINE

[0001] The present application is directed to computing systems, and more particularly to methods and apparatus for building a web site using a browser-based build engine.

BACKGROUND

[0002] Conventional web site construction tools operate on traditional operating system platforms and generate as output HTML (hyper text mark-up language) and Script Code (e.g., JavaScript). A browser draws a web page associated with the web site by interpreting the HTML and JavaScript Code. However, conventional mark-up and scripting languages include numerous inherent limitations. Conventional mark-up and scripting languages have not been designed for serious multimedia applications. They have almost no file handling ability and very little computational power. In addition, they are remarkably slow and inefficient.

[0003] As such it is virtually impossible to write a web publishing application in HTML and JavaScript. All conventional implementations must, and do, utilize a full-featured programming language, such as C++ or Visual Basic. Since the current popular browsers do not support these languages, by necessity, conventional web publishing applications run on platforms other than the World Wide Web (WWW) and its browsers. Therefore, at best, a conventional web publishing application can offer only a crude preview capability of what a real web page will look like.

[0004] Although C++ and Visual Basic are very capable languages, the conventional web publishing applications written in these languages are still necessarily limited by the limitations inherent in their form of output, which as described above is typically HTML and scripting code. As such, a conventional web publishing application written in one of these languages suffers from the severe performance problems inherent in these languages.

[0005] For example, HTML and JavaScript are incapable of reformatting text and scaling buttons or images dynamically. In addition, most conventional web publishing applications design a web page layout to fit into a 640 pixel wide screen. This means that the ability for higher resolution screens to display more data horizontally is lost. Since capability is wasted on

Petitioner's Exhibit 1011
Page 0247

the horizontal plane, unnecessary vertical scrolling may be required. Further, on higher output resolution devices (screens), unsightly extra white space or background may be prevalent.

SUMMARY

[0006] In one aspect the invention includes a Browser Based build engine that is written entirely in a web based full featured programming language (e.g., JAVA). A Browser Based Interface (the Interface") between the web designer and the build engine is included. The browser-based interface can be written in the World Wide Web's (WWW) Hypertext Markup Language (HTML) and its Extensions (Dynamic HTML, JavaScript and Cascading Style Sheets). The Interface includes a unique set of communication techniques. One technique allows for effective two-way communications between a JAVA engine and JavaScript. Another technique allows for communications between a JAVA applet object inside a JavaScript window, with the JAVA engine, which permits the implementation of advanced intelligent interface objects, such as a "slider" or a "dial".

[0007] In one aspect the invention includes a screen resolution sensing mechanism that causes a build engine (i.e. build tools) to adopt its interface to the web designer's screen resolution.

[0008] In one aspect, the invention includes a multi-dimensional array structured database, that, in addition to storing the numeric and string data found in conventional databases, also stores multi-dimensional arrays of various multimedia objects. They include colors, fonts, images, audio clips, video clips, text areas, URLs and thread objects. The invention includes a run time generation procedure that creates a compressed web site specific customized run time engine program file, with its associated database and a build engine generated HTML shell file.

[0009] The invention can include web page scaling technology, so that when the web site/web page is accessed on the WWW, the web pages and all the objects within them can be scaled to the user's screen resolution and to the then current browser window size.

[0010] In one aspect, the invention includes a proprietary multi-level program animation model (threads) that responds to multiple user interactions and time sensitive operations simultaneously.

[0011] In one aspect, the invention includes a mechanism for the dynamic resizing of the build engine's web page size during various editing operations.



[0012] In one aspect, the invention includes techniques for creating browser based interface objects that visually and behaviorally are identical to those of the MS Window's standard.

[0013] Aspects of the invention can include one or more of the following features. A browser based build engine is provided that includes a browser based interface. The entire web site build process is WYSIWYG (what you see is what you get), with the web designer working directly on and with the final web page. The data produced by the build engine is processed and ultimately placed into a multi-dimensional array structured database, and stored in an external file. A run time generation procedure creates a compressed program customized run time engine file, with an associated database and a build engine generated HTML Shell File.

[0014] When the web site/web page is accessed on the WWW, web page scaling technology can be accessed to generate web pages that are scaled to the user's screen resolution. A technique is provided so that an applet's size (height and width) can be set in real time under the control of either the interface or the build engine. At the same time a multi-level program animation model (threads) is activated for user interactions and time sensitive operations.

[0015] The browser based interface technologies create a set of interface objects with a look and feel that is identical to that of MS Windows, yet includes technologies that equal or occasionally surpass those of high end word processors, desk top publishers, and image processing software programs, particularly in the areas of interaction, animation, and timeline technologies. The run time engine includes multimedia capabilities often rivaling the digital processing capabilities seen on television and in the movies.

[0016] Because of the implementation of a variety of performance and file reduction techniques, the entire run time environment can range from as low as 12K, and no larger than 50K. This depends upon the features selected by the web designer. Although the compressed image, audio, and/or video files must also be downloaded, with a reasonable web site design, web pages should load quickly. The initial run time environment is no larger than 25K, thus the initial web page should generally load in less than 2 seconds, and subsequent web pages in less than 1 second with a 56K modem, even with numerous image files.

[0017] The present invention provides a real time, dynamic linkage between JAVA and HTML including two-way communications, in real time, between JAVA and JavaScript.

[redacted]

BRIEF DESCRIPTION OF THE DRAWINGS

[0018] The foregoing aspects and many of the attendant advantages of the invention will become more readily appreciated through the following drawings and their associated screen shots, referred to throughout the detailed description, wherein:

[0019] FIG 1 is a flow chart depicting a prior art conceptual overview of how a user and a web browser interface.

[0020] FIG 2 is flow chart depicting a conceptual overview of how a user interfaces with a web browser when implementing the present invention to construct a web site.

[0021] FIG 3a is a schematic diagram showing the main components of a build tool in accordance with one implementation of the present invention.

[0022] FIG 3b is a process flow diagram showing a build process in accordance with one implementation of the present invention.

[0023] FIG 4a is schematic diagram showing the main components of a run generation tool in accordance with one implementation of the present invention.

[0024] FIG 4b is process flow diagram showing a run time process in accordance with one implementation of the present invention.

[0025] FIG 5 is a flow chart, with its attendant screen shot shown in FIG 37, that depicts a detailed view of a build time initialization procedure in accordance with one implementation of the present invention.

[0026] FIG 6 is a flow chart, with its attendant screenshots shown in FIGs 38-48, that depicts a detailed view of the build time supported user input techniques and techniques for communication of data and status between the build engine and the interface in accordance with one implementation of the present invention.

[0027] FIG 7a is a flow chart that shows an overview of the build time techniques for implementation of pop-up windows (usually called "dialog boxes" in MS Windows), the panel interface, and interface for color selection.

[0028] FIG 7b is a flow chart, with its attendant screenshots shown in FIGs 37-38, that shows a detailed view of the build time techniques for implementation of panel interface objects, including the menu bar, menus and sub-menus, the tool bars, status fields, interactive fields, and interactive pull down lists, in accordance with one implementation of the present invention.

[redacted]

[0029] FIG 7c is a flow chart, with its attendant screenshots shown in FIG 37 and FIG 63, that shows a detailed view of the build time techniques for implementation of tabbed pop-up windows (also called "dialog boxes" in MS Windows).

[0030] FIG 8 is a flow chart that shows a detailed view of the build time techniques for updating the internal databases and the setting of feature flags for run time optimization purposes.

[0031] FIG 9 is a flow chart, with its attendant screenshot shown in FIG 37, that shows a detailed view of the build time polling methods used to facilitate communication from the JAVA build engine to the interface.

[0032] FIG 10 is a flow chart that shows a detailed view of the build time techniques for analyzing user input for error checking and data integrity.

[0033] FIG 11 is a flow chart, with its attendant screenshot shown in FIGs 38-41, that shows a detailed view of the build time methods for direct text entry at an arbitrary cursor position and text editor implementation methods.

[0034] FIG 12 is a flow chart, with its attendant screenshot shown in FIGs 49-56, that shows a detailed view of the build time techniques for reading external image files, creating them on a web page, and then manipulating them through either direct mouse interaction or through the interface's panel/windows.

[0035] FIG 13 is a flow chart that shows a detailed view of the build time implementation of text, button and image styles in accordance with one implementation of the present invention.

[0036] FIG 14 is a flow chart that shows a detailed view of the video and audio processing in accordance with one implementation of the present invention.

[0037] FIG 15 is a flow chart that shows a detailed view of the frame, table, forms, and draw objects processing and technology in accordance with one implementation of the present invention.

[0038] FIG 16 is a flow chart that shows a detailed view of the build time methods for supporting various user interactions at run time.

[0039] FIG 17 is a flow chart, with its attendant screenshots shown in FIGs 57-58, that shows a detailed view of the build time methods for text button and image object animation.

[redacted]

[0040] FIG 18 is a flow chart, with its attendant screenshots shown in FIGs 59-60, that shows a detailed view of the build time methods for text button and image transformations.

[0041] FIG 19 is a flow chart, with its attendant screenshots shown in FIGs 61-62, that shows a detailed view of the build time methods for text button and image time lines.

[0042] FIG 20 is a flow chart with its attendant screenshot shown in FIG 63, that shows a detailed view of the build time web page transition animations and time lines.

[0043] FIG 21a is a flow chart that shows a detailed view of file operations performed in accordance with one implementation of the present invention.

[0044] FIG 21b is a flow chart that shows a detailed view of the view operations performed in accordance with one implementation of the present invention.

[0045] FIG 22 is a flow chart that shows a detailed view of a dynamic web resizing process that is activated by the "Open" and "Web Site" commands under the "File" menu and the "Zoom" command under the "View" menu.

[0046] FIG 23 is a screen shot showing a file selection window operation in accordance with one implementation of the present invention.

[0047] FIG 24 is a flow chart showing a detailed view of an external database in accordance with one implementation of the present invention and also shows the security and optimization techniques that can be employed.

[0048] FIG 25 is a flow chart showing a detailed view of a method for creating a customized and optimized run time engine in accordance with one implementation of the present invention.

[0049] FIG 26 is a flow chart showing a detailed view of the methods for creating an HTML shell file in accordance with one implementation of the present invention.

[0050] FIG 27 is a flow chart showing a detailed view of the methods for creating compressed CAB and JAR files in accordance with one implementation of the present invention.

[0051] FIG 28 is a flow chart showing a detailed view of the technology for dynamic web page size creation in accordance with one implementation of the present invention.

[0052] FIG 29 is a flow chart showing a detailed view of the methods for reading the multimedia database and generating the necessary objects in accordance with one implementation of the present invention.

[redacted]

[0053] FIG 30 is a flow chart showing a detailed view of the methods for dynamically scaling the web page object(s) to different screen resolutions and window sizes in accordance with one implementation of the present invention.

[0054] FIG 31 is a flow chart showing a detailed view of the methods for executing a multi-level web page and object thread architecture in accordance with one implementation of the present invention.

[0055] FIG 32 is a schematic diagram that shows a detailed view of the web page transition animation architecture in accordance with one implementation of the present invention.

[0056] FIG 33 is a schematic diagram that shows a detailed view of the parent object time line architecture in accordance with one implementation of the present invention.

[0057] FIG 34 is a schematic diagram that shows a detailed view of the child object time line architecture in accordance with one implementation of the present invention.

[0058] FIG 35 completes the flow chart begun at FIG 31.

[0059] FIG 36 is a flow chart showing a detailed view of the methods for responding to user interactions in accordance with one implementation of the present invention.

[0060] FIG 37-63 are screen shots of the user interface presented by the build process in accordance with one implementation of the present invention.

DETAILED DESCRIPTION

[0061] Referring to FIG 1, in a prior art process for creating and displaying a web site, the user either directly writes HTML and Script Code providing user input at 1 or operates a related prior art product at 2, which generates the HTML and Script Code at 3. A separate file, with its attendant HTML and Script Code is uploaded for each separate web page in the web site at 4, which is then interpreted by a browser when accessed at 5.

[0062] Figure 2 shows a process for creating and displaying a web site in accordance with one aspect of the invention in which, a user operates a build tool at 6, working directly with one or more of the final web pages in a full WYSIWYG mode. The build tool accepts the user input and creates a multi-dimensional embedded multimedia object database at 7. A run time generation process is then invoked to create the necessary run time files at 8 (including HTML shell, CAB/JAR files and a customized runtime engine) which are then loaded to a user's web site at 9. The web page(s), when viewed by a web surfer, are activated by the browser calling the

[redacted]

customized run time engine at 10. The run time engine then begins to read the database and down load image, audio and video files, while simultaneously drawing the first web page for viewing or user interaction at 11.

Build Tool and Process

[0063] FIG 3a shows a build tool 350 at the detailed component level. The build tool includes a build engine 352, interface 354, screen sensing mechanism 356, multi-dimensional array structured database 358, interface's database 360, web page scaling engine 364, time line engine 366 and installation Program 368. The operation and use of each of these components is described in greater detail below.

[0064] FIG 3b is a flow of the build process executed by the build tool to create a web page/web site. Referring to Figs. 3a and 3b, the process begins with an initialization (12) and continues through to a point where a web site has been defined and stored in the build engine's internal database (29).

[0065] The build tool 350 includes plural individual tools that are created and initialized at (12). The processes for creating and initializing build tools are described in greater detail below in association with FIG 5. After the build tools are created and initialized at 12, the build tool 350 interacts with the user, receiving user commands (actions), for example, to build a web site. The build tool 350 processes user responses and communicates the same and status information to both the build engine 352 and interface 354 at 13. The processes for interacting with the user are described in greater detail below in association with FIG 6.

[0066] In one implementation, the interface includes a panel (and its objects, including a menu bar, menus and sub-menus, tool bars, status fields, interactive fields and interactive pull down lists), pop-up windows (called "dialog boxes" in MS Windows), color and alert message interface technologies, built with HTML, Dynamic HTML (DHTML), JavaScript, and Cascading Style Sheets (CSS). Interface 354 responds to the user input and may display a pop-up window, update the interface objects, or display alert messages, as shown at 15. The operation of the interface 354 is described in greater detail below in association with FIG 7a, FIG 7b and FIG 7c.

[0067] As the build engine 352 receives data and status information, it updates an internal database (part of multi-dimensional array structured database 358) and sets feature flags at 14. The processes for updating the internal database and setting flags are described in greater

[redacted]

detail below in association with FIG 8. To enable effective two-way communication between the interface and the build engine, polling technology is included as shown at 16. The details of the polling process are described in greater detail below in association with FIG 9.

[0068] Whenever user input is received, the build tool 350 analyzes the input including error checking at 17. In one implementation, the input is analyzed and then processed by object type (class). The process for analyzing input to determine type is described in greater detail below in association with FIG 10. In one implementation, the number of different object processing technology classes are four, and include direct text entry (18), image processing (19), video or audio files and links (21) and frames, tables, forms and draw objects (22). The build tool 350 processes the user input based on class. The processes invoked for direct text entry are described in greater detail below in association with FIG 11. The processes invoked for image processing is described in greater detail below in association with FIG 12. The processes invoked by the text button, paragraph, and image style technologies are described in greater detail below in association with FIG 13. The processes invoked for processing audio and video files and channels are described in greater detail below in association with FIG 14. The processes invoked for processing frames, tables, forms and draw objects are described in greater detail below in association with FIG 15. When an image, text button or paragraph object is to be inserted in the web page, the current style that is selected in the panel defines the initial settings used when creating the object in the web page. As such, button, image and paragraph style setting and technology will be invoked at 20 depending on the user input. The processes invoked by the paragraph style setting and technology is described in greater detail below in association with FIG 13.

[0069] After the input is processed as described above, a check is made to determine if one or more animation or transformation (interaction) techniques are to be invoked at 23. The run time engine provided in accordance with the teachings of the present invention support various user interactions, including support for numerous animation and transformation techniques, and both web page and object time lines. Depending on the user selections, one or more technologies may be invoked. In the implementation shown, the build tool 350 is configured to check to determine if the input data is related to plural technologies including: user interaction technology (24), animation technology (25), transformation technology (26), object time line technology (27) and web page transition animation technology (28). The processes

Petitioner's Exhibit 1011
Page 0255

Page 255 of 418

invoked for user interaction technology are described in greater detail below in association with FIG 16. The processes invoked for animation technologies are described in greater detail below in association with FIG 17. The processes invoked for transformation technologies are described in greater detail below in association with FIG 18. The processes invoked for object timeline technologies are described in greater detail below in association with FIG 19. The processes invoked for web page transition animation technologies are described in greater detail below in association with FIG 20.

[0070] After the build tool 350 has processed the user input, one or more file operations can be invoked at 29a. In one implementation, the file operations are "save", "save as", "new", "close", "open", "apply" and "web site". If "open" or "web site" are selected, the build tool 350 initiates the dynamic web page resizing process at 29c (See FIG 22). If "save" or "save as" are selected, the build tool 350 initiates a run generation process (See FIG 4 and FIG 24). File operations "close", "open", and "new" can also initiate the run generation process, based on the state of the build process and user action.

[0071] At any time during the processing of user input, one or more view operations can be invoked at 29b. In one implementation, the view operations supported are "normal", "preview", "play", and "zoom" (at various zoom percentages). If any of the "zoom" levels are selected, the build tool initiates the dynamic web page resizing process at 29c (See FIG 22). If the "preview" or "play" view operations are selected they will initiate the run time process (See FIGS. 28 through 36).

[0072] FIG 4a shows a run generation and runtime tool 370 at the detailed component level. The run generation and runtime tool 370 includes a run generation procedure 371, web scaling engine 372, a database 374 and a (web) page size generation engine 376 and run time engine 377 including a runtime user interaction engine 378, a runtime timeline engine 380 and a runtime drawing, animation, audio, and video engine 382. In one implementation, run time engine 377 includes plural engines, each of which may in themselves include plural engines.

[0073] FIG 4b shows the run processes including methods for creating the run time files, including the external database, the web site specific customized run time engine, the HTML shell file, and the compressed CAB/JAR file. The run processes also include methods for scaling each web page to the web surfer's then current screen resolution and web browser window size. After a web page has been scaled, a run time engine executes a multi-level thread technology,

Petitioner's Exhibit 1011
Page 0256

Page 256 of 418

which presents to the viewer web pages that can operate under time lines that may include animated transitions. Associated with the web page time lines can be object time lines that may define entrance, main and exit animations, transformations, and synchronized time lines for child objects. Each object can have multiple object states, responsive to various user interactions, which can result in numerous types of visual and audio responses and actions.

[0074] Referring now to Figs 4a and 4b, a run generation process 360 begins by invoking the run generation procedure 377. The run generation procedure 371 begins by creating the external database (part of database 374) at 30. The external database may include references to image, video and audio files, and video and audio channels. The process for creating the external database is described in greater detail below in association with FIG 24. A customized and optimized run time engine (run time engine 377) is created at 31. The customized and optimized run time engine (run time engine 377) generates the web pages for the web site and is activated from the user's server. The process for creating the run time engine 377 is described in greater detail below in association with FIG 25. The HTML shell file is created at 32, and then the CAB and JAR files are created at 33a. The HTML shell file includes JavaScript Code to activate and interrogate the page size generation engine 376, and to activate the entire runtime engine. The CAB and JAR files both include the runtime engine and database in compressed executable form. The CAB file(s) will be activated by the HTML shell file if it senses the browser as being Microsoft Explorer, otherwise it will activate the JAR file(s). The processes for creating the HTML shell file and the CAB and JAR files are described in greater detail below in association with FIG 26 and FIG 27, respectively. The run generation process portion of the run processes is completed as the HTML shell file and the CAB and JAR files are uploaded to the user's web site at 33b.

[0075] After the upload, the run time process 365 portion begins with the run time engine 377 invoking a web page size generation technology (engine) 376 at 34. The web page size generation technology can be used to determine the screen resolution and the current browser window size. The process for invoking and initializing the web page size generation technology is described in greater detail below in association with FIG 28. The external database is read and the necessary objects generated at 35 from their stored external references. These objects include image, audio, and video objects. The processes for generating the necessary objects are described in greater detail below in association with FIG 29. A web page generation and scaling

[redacted]

technology (web page scaling engine 372) is then invoked at 36. The web page scaling engine 372 can be used to reformat and scale objects that had been placed in a web page during the build process. The processes employed by the web page generation and scaling technology are described in greater detail below in association with FIG 30. The run time engine then, as necessary, executes a multilevel web page and object thread technology at 37 while the runtime user interaction portion 378 of run time engine 371 responds to user interactions at 38. The processes invoked by the multilevel web page and object thread technology are described in greater detail below in association with FIGs 31-35. The processes invoked by the run time engine to respond to user interactions are described in greater detail below in association with FIG 36.

Detailed build processes

[0076] Referring now to Figs. 3a and 5 through FIG 22 the build tool 350 and its associated build process are described. Referring first to Figs. 3a and 5, initialization methods are shown. At 39 the build tools are created as part of the execution of the installation program 368. They can include:

1: Initial build tool HTML/JavaScript file (IBTF)

2: An initialization engine (IE).

3: A build engine.

4: The build engine parent HTML frame file. (PFF).

5: A "Control Panel and Status Line" HTML/JavaScript File ("panel") for;

- Controlling the JavaScript database.
- Calling and initializing all pop-up windows.
- Reading all pop-up window values, and updating a JavaScript database
- Calling the build engine and passing all necessary data and status information.
- Polling the build engine for two-way JAVA/JavaScript communication.
- Displaying and updating the status of its interface objects.
- Issuing alert messages.

[redacted]

- Processing direct user interactions with the panel's interface objects.

6: Numerous HTML/JavaScript files, one for each pop-up window.

7: JAVA applets, embedded in HTML/JavaScript pop-up window files.

8: A build engine HTML definition file that is created and modified dynamically.

The initialization and build engines can be placed in a JAVA wrapper so that JavaScript code may receive and process return values from JAVA methods. The initialization and build engines are also created in a "Signed" CAB file, and assigned the necessary security rights, so that the engines can assert the necessary permissions, if permitted by a given browser's security manager, when read or write operations are required. In one implementation, an installation program is run prior to the first use of the build tools. After installing all of the files, the installation program can install the necessary class libraries required by the run generation process in which the customized and optimized run time engine is created (See FIG 25). The installation program can also set the necessary environmental variables and installation options.

[0077] At 40 the web surfer points a browser at (i.e. calls) an initial build tool HTML/JavaScript file (IBTF). At 41 the IBTF identifies the current browser type and version number. Presently, each browser has different security manager implementations. In one implementation, the invention supports the following three categories:

1: With appropriate signing and time stamping, and with appropriate assertions of permissions, the browser will permit local read/write operations.

2: With appropriate signing and time stamping, and with appropriate assertions of permissions, the browser will permit local read operations, but write is only legal if sent to a server.

3: Local read/write operations are illegal, but are permitted on the server.

The IBTF can include a flag that can be set to indicate which security implementation is supported, so that all subsequent read/write operations will comply with the current browser's security manager.

[0078] At 42, the IBTF causes the browser to execute the IE so as to sense the screen resolution and for adapting the interface to the user's screen resolution. In one implementation, after entering a delay loop and waiting for the IE to report it is fully loaded and initialized, the IBTF calls two IE methods, which return the width and height of the current screen and browser window. The IBTF then checks for the presence and value of a "mode cookie", to determine

[redacted]

whether this is an initialization process, a web site open command process, or a dynamic web page resizing process. If the mode cookie is set to initialize, or it doesn't exist, the IBTF calls the IE to generate the build engine's HTML definition file. At 43 the IE then asserts the required security permission and at 44 creates a build engine HTML definition file and writes this file to the local disk (as appropriate). At 45 the IBTF then turns control over to the PFF for activating the "panel" and build engine and displaying the build engine user interface screen.

[0079] The build engine user interface screen includes a "panel" portion and a build engine portion, each of which are loaded into their respective frames, after which the web site page(s) build process can begin. Screen shot FIG 37 shows a representation of the user interface presented by the build tool. The user interface includes a panel 400 and build frame 500. Panel 400 includes a menu bar 410, menus 420 and sub-menus 430, tool bars 440, status fields 450, interactive fields 460, interactive pull down lists 470 and operational pop-up windows 480. The menu bar 410 can be used for selecting a menu command that will cause a menu to be drawn. The menu (one or menus 420) can be used to select a feature command that could cause an operational pop-up window to be drawn, a direct user input technique or object manipulation technique to be activated, or a sub-menu 430 to be drawn. A sub-menu (one of sub-menu 430) can cause the same type of events as that of a menu. The tool bars 440 include various icons that are shortcuts to feature commands that are also available through the menu bar and its menus. In addition, the tool bar 440 can be used to show the current state of a feature. Status fields 450 show the current value of a certain setting. Interactive fields 460 also show the current value of a setting, but can also be directly changed by the user by typing into the field, with the result immediately processed by the build engine 352 and displayed in the build frame 500. Interactive pull-down lists 470 also show the current value of a setting, but, if selected with a mouse click, will drop down a selection list, which may have an elevator attached. The user can click on an item in the selection list, which will become the current setting with the result immediately processed by the build engine 352 and displayed in the build frame. Operational pop-up windows 480 can have tabs assigned if the number of choices within the pop-up window is large. One or more settings can be changed through a pop-up window, with the results immediately processed by the build engine 352 and displayed in the build frame 500. These interface techniques are described in greater detail below in the build process.

[0080] The build frame 500 is used to present the actual web page as constructed by a user. The user can directly enter text, import images, video and audio for display/playback and create animations and transformations that can be viewed in the build frame. FIG 6, with its attendant screen shots FIG 38 through 48, shows the user input techniques supported in one implementation of the invention. In one implementation, the user inputs supported include: selection from a JAVA window object (48); selection from a JavaScript window (49) including selection with dual spin control (50a) or selection from a JavaScript child window object (50b); direct text entry (51); page resizing (52); direct object manipulation (53); and, selection from a JavaScript panel (54).

[0081] In the implementation shown, of the six user input techniques sensed at 13, the code for supporting selections from a JavaScript pop-up window at 49 and selections from the "panel" at 54 were implemented entirely in HTML/JavaScript Code, while support for direct text entry at 51 and direct web page object manipulation at 53 were implemented entirely in JAVA (or any other browser-based full featured programming language). In one implementation, code for supporting selections from a JAVA Window object at 48 and dynamic web page resizing at 52 are implemented using both HTML/JavaScript and JAVA. Those of ordinary skill will recognize that, JAVA could have been used more extensively to implement the methods described at 48, 49 and 54. However, in order to achieve the most intuitive and MS Windows like interface, and because effective two-way communication between JavaScript and JAVA had been achieved (See FIG 9), the languages proposed appear to best support the particular user input technique.

[0082] For example, FIG 23 shows an actual file selection window 2300, implemented by the invention. This type of file selection window is available in JavaScript/HTML, but not supported by JAVA for applets. File selection window 2300 greatly enhances the interface for the user, as the image, sound clip, or video clip names need not be memorized. File selection window 2300 further eliminates possible operator error when typing in a pathname or filename. The present invention utilized the strengths of JavaScript/HTML with the power of JAVA to create a unique browser based interface solution. In one implementation, the HTML form element "INPUT type=file" was embedded in a JavaScript pop-up window to create the file selection window. The file selection window returns a string value of the image (or other file

[redacted]

type) pathname to the pop-up window. The pop-up window's JavaScript then could be used to call a JavaScript function in the panel (panel 400) which:

1: Reads the pathname value in the pop-up window.

2: Creates a string version of a valid URL by adding the correct URL protocol to the string.

3: Updates the panel's database (interface's database 360).

4: Calls a JAVA method in the build engine, which casts the string value of the URL into a URL object, creates an image object which is then drawn on the screen, and updates its internal database.

[0083] User inputs that are a selection from a JAVA window object (48) permit the implementation of a vast array of intelligent user input interface objects, from sliders to dials, which are extremely intuitive and significantly enhance the user's ergonomic experience. In one implementation, user input interface objects are supported as follows. When a selection from a JAVA window is detected, a pop-up window (applet) is presented (associated with the feature being manipulated, e.g., color, volume) and an engine method is called to begin two-way communication (for passing as arguments any necessary status information). The engine begins polling a JAVA abstract object waiting for a static variable's value to change. The pop-up applet processes the value as defined by a user interaction event, and updates the static variable in that same JAVA abstract object with the new value. Upon detecting a change in the polled static variable, the engine calls the necessary methods to process that new value. These methods include can include a brightness filter that is applied to the image bitmap utilizing techniques very similar to that of that employed by the "fade in" and "fade out" animations, described in association with FIG 33

[0084] User inputs for a selection from a JavaScript pop-up window (49) can be made in a manner identical to that of making a selection from a dialog box under MS Windows, including the use of tabbed JavaScript pop-up windows. In one implementation when a selection from a JavaScript pop-up window is detected, the panel's (panel 400) JavaScript opens a pop-up window. The pop-up window's initial values are set from a JavaScript database defined in the panel or by the panel calling the engine for the current values and then setting the initial values. In a tabbed JavaScript window, clicking on a tab will call the pop-up window's JavaScript in order to change the state and appearance of the tabbed JavaScript window in the expected way.

[redacted]

The pop-up window's JavaScript calls the panel's JavaScript when a completion event occurs. The panel's JavaScript reads or the pop-up window's JavaScript writes the pop-up window's field values, causing the panel's database to be updated, and the panel then calls the appropriate build engine 352 method, passing as arguments the necessary data and status conditions. Initializing the pop-up window's values and updating the panel's database upon completion can alternatively be implemented by JavaScript functions executed within the pop-up window's HTML file.

[0085] In addition, there are interface extensions that can extend beyond the usual MS Windows implementations. One is support for a selection from a dual spin control at 50A. Screen shots FIG 42-45 show a visualization of an implementation of this interface technique. Screen shot FIG 42 shows the mouse placed over an upper spin control. Screen shot FIG 43 shows the result after the user clicked once on the upper spin control. Notice that the value has been incremented by 1, and the text button object is now at a larger point size. Screen shot FIG 44 shows a combo box list selected by the mouse with the user about to select a significantly larger point size. Screen shot FIG 45 shows the result of that selection, including the effect on the text button object.

[0086] In one implementation, dual spin controls are supported as follows. Each spin control has three visual states, so that when the user places the mouse over the control it appears to light up, and when the mouse button is depressed (pressed down), the spin control is modified to give the appearance of being pressed. JavaScript methods are called in the panel (panel 400) to:

1: process each mouse click event over either spin control,
2: range check as necessary,
3: update the value in the HTML frame object residing in the pop-up window,
4: update the JavaScript (panel 400) database,
5: call the build engine 352, if necessary, passing the necessary value and status.

If the mouse is clicked on a combo box, the selection window opens in the usual way. If a mouse click in that window is detected, another JavaScript method in the panel 400 is called to update the JavaScript database, and call the build engine 352, if necessary, passing the necessary value and status as function call arguments.

[redacted]

[0087] Another interface extension is selection from a JavaScript child window at 50B. This technique helps simplify the number of choices given to the user in a complex pop-up window operation. A selection from a JavaScript child window can be supported as follows. The panel's (panel 400) JavaScript opens the pop-up window. The pop-up window and its child pop-up windows' initial values are set from the JavaScript database defined in the panel 400. The pop-up window's JavaScript opens the child pop-up window and sets its initial values. The child pop-up window's JavaScript calls the pop-up window's JavaScript when a completion event occurs. The pop-up window's JavaScript reads the child pop-up window's values, sets those values to its own internally defined variables, and calls the panel's JavaScript. The panel's JavaScript reads the pop-up window's values (which include the settings for its own fields as well as those of its child windows), updates its database, and calls the appropriate build engine 352 method, passing as arguments the necessary data and status conditions. Screen shots FIG 46-47 show a visualization of an implementation of a JavaScript child window. Screen shot FIG 46 show a change text button style pop-up window. Screen shot FIG 47 shows the result after the user selected the "Define the Mouse Down Text Button Style" child pop-up window.

[0088] Direct text entry is supported at any arbitrary cursor location. In one implementation, "text areas" are utilized in an unconventional way, in order to support full text entry, text editing, text button and paragraph styles, and reformat. Direct text entry can be defined at any arbitrary cursor location, and then text can be dragged to any other arbitrary location.

[0089] Text areas are objects that are utilized by JAVA primarily as an interface object for the implementation of a form and are generally "added" to the screen at the initialization time of a JAVA applet. Text areas are decidedly not WYSIWYG. The present invention creates text areas dynamically. Screen shots FIG 38 through FIG 41 show a visualization for an implementation of this technique. Screen shot FIG 38 shows the user selecting a text object from the create text icon object from a tool bar of the panel (panel 400). When the text icon object is selected, the cursor shape is changed to indicate the selection while the text icon object is in the select state. Screen Shot FIG 39 shows that the cursor has changed shape and that the user has placed the cursor at an arbitrary location on the web page. Screen shot FIG 40 shows the result after the user has clicked the mouse. A text insertion point and a selection rectangle are drawn at the arbitrary web page location. Screen shot FIG 41 shows the result after the user has pressed

Petitioner's Exhibit 1011
Page 0264

Page 264 of 418

the letter "W" on the keyboard. As can be seen in screen shot FIG 41, a draw method associated with the build process immediately hides the text area. However, text editor methods associated with the build process continue to utilize the text area as a hidden, dynamically resizing frame, whose size is subject to text button or paragraph style settings, by the amount of text, by the text's orientation (vertical or horizontal) and by the text's font style(s) and font size(s). As the build engine 352 detects a relevant mouse event or keyboard event, the build engine 352 updates the necessary variables that are defined as return values in specified build engine methods. Polling technology (see FIG 9) retrieves the relevant values and calls the necessary JavaScript method for processing. In one implementation, these same techniques (text area techniques) are used in the scaling technology (See FIG 30). Since the direct text entry and editing processes bypass completely the interface and the JavaScript code, the polling technology (See FIG 9) is used to pass the text string values back to the JavaScript database, in order for the interface's pop-up windows to be correctly initialized for subsequent text operations.

[0090] Direct text processing at 51 begins with the build engine 352 detecting a "Mouse Drag" or a "Mouse Double Click" event. In one implementation of the present invention, if a mouse drag event is detected, the entire initial anchor word (assuming the "mouse down" event placed the text insertion point within a word) is selected as well as the entire closing anchor word. If a double click event occurs over a word, the entire word is selected. If a double click event is detected over a special hot zone (for example, just to the left of a paragraph line), then an integral number of words are selected. Appropriate four-dimensional variables are set, and a draw system is called. The draw system paints the selected line segment in the marked text background and text color. The build engine 352 then sets a return flag to be read by the polling technology (FIG 9). A panel JavaScript poller (FIG 9) detects this flag and redraws the panel's "Text" menu object showing the choices available when text is selected. In one implementation, the "Text" menu includes choices of "Text Style", "Hot Link", "Preferences", and "Format". The states for the tool bar icon objects of "Bold", "Italic" and "Underline" are set appropriately as is the setting for the point size interactive drop-down list. The panel's JavaScript then calls an appropriate build engine method that resets the flag. If the panel's JavaScript detects the user selecting the "Text Style", "Hot Link", "Preferences" or "Format" choices, it creates the appropriate pop-up window. Upon detecting a user completion event, the panel's JavaScript

Petitioner's Exhibit 1011
Page 0265

Page 265 of 418

reads the data settings in the pop-up window, closes that pop-up window, and sends this data to an appropriate build engine method for processing (See FIG 11).

[0091] Dynamic web page resizing at 52 is invoked when the build engine 352 detects a user initiated web page resize event. This could be caused by the "Open" or "Web Site" commands from the "File" menu, or from a "Zoom" command from the "View" menu. This technology is explained in detail below in association with FIG 22.

[0092] Direct object manipulation at 53 includes dragging of any object, resizing of non-text objects, rotation and other image manipulation functions, as required. The processing for direct object manipulation begins by analyzing the type of object selected and the state of the object, as set by the interface based on a user's panel selection. The build engine 352 then changes the mouse cursor's appearance, and the type of selection rectangle, including which attachment points, if any, should be drawn and activated. (See FIG 10 for the mouse event processing technology and FIG 12 for image processing technology). In one implementation, the same direct object manipulation polling technology is used as described above with regard to direct text entry.

[0093] If a selection of an interactive field, interactive drop-down list object, or a toll bar icon object from the JavaScript panel is detected at 54, then the following steps can be invoked, depending on the selection. The point size of a paragraph, a marked text range inside a paragraph or text button object can be changed. The state of an object's 3D frame can be changed. In one implementation, three states for an object frame are supported. The 3D frame can be drawn as a "raised" 3D object, as a "depressed" 3D object, or as a "raised" 3D object that turns into a "depressed" 3D object if a mouse down event is detected over the object to which the 3D frame is assigned. An object's style can be changed. The current web page can be changed. Finally, any other operation that has been defined by a tool bar icon object in the panel can be invoked. This includes the "file" menu choices of new, open and save, the "edit" menu choices of cut, copy and paste, inserting a text, button or image object onto the web page, applying or removing the bold, italic, and underline text attributes for a text or button object, centering or uncentering any web page object, setting the animation for a button or image object, changing the zoom level of the web page, or previewing the web site.

[0094] As each new user input is received and processed in accordance with the steps shown in FIG 6, at all times the internal databases of the JavaScript panel and the build engine

Petitioner's Exhibit 1011
Page 0266

352 are maintained completely in synchronization. Synchronization is maintained so that: all status information displayed by the panel is current and correct; all data and status information passed to the build engine 352 from the interface are consistent with the build engine's state at any given time; the values in all pop-up windows are correctly initialized. In order to meet these requirements, all of the variables in the JavaScript panel database are explicitly "typed", to be compliant with the strict variable typing methodology generally imposed in all full featured programming languages such as Java. As JavaScript does not explicitly type anything, where using JavaScript herein, all string, Boolean, and integer variables are typed. Full two-way real time communication support between the JavaScript/HTML interface and the JAVA build engine 352 is provided as described below in association with FIG 9.

[0095] FIG 7a shows four tools utilized for an implementation of the pop-up window and panel interface technology (15 of FIG 3). The panel and pop-up windows make extensive use of JavaScript mouse events, including onMouseDown, onMouseUp, onMouseOver, onMouseOut, onClick and onChange methods (56). The pop-up windows make extensive use of the JavaScript onLoad and onUnLoad methods. In one implementation, when a pop-up window is loaded by the panel, the panel goes into a wait loop, set for 5 times a second using the JavaScript setTimeout method, interrogating in each loop whether the pop-up window's status flag has been set. Meanwhile the pop-up window, when loaded by the browser, executes the onLoad method in order to set a flag in the panel informing the panel that the pop-up window is now loaded. Upon detecting the load event completion, the panel then proceeds to initialize the fields in the pop-up window. The panel will always close a pop-up window after detecting its completion event. However, if the user has closed the pop-up window in a non-standard way, the pop-up window executes the onUnLoad JavaScript method, which sets a flag in the panel notifying it that the pop-up window has been closed.

[0096] The JavaScript code in the panel and in all pop-up windows make extensive use of JavaScript method onKeyDown for the following operations:

1: When the focus is on the icon representing completion ("OK" is used in many MS Windows applications) causing the enter key to initiate a pop-up window/panel completion event.

Petitioner's Exhibit 1011
Page 0267

Page 267 of 418

2: When the focus is on the icon representing cancellation ("cancel" is used in many MS Windows applications) causing the Esc key to initiate a pop-up window/panel cancellation event.

3: When the focus is on any pop-up window or panel object, such as a data entry field, a check box, a radio button, a drop-down and scrollable list, a scrollable list, an icon, or a DHTML tab object (discussed below), the navigation keys are captured by the onKeyDown method, a JavaScript function is called, and the appropriate change is made. For all pop-up window and panel objects, when the Tab key or the combination of the Tab key with the Shift key are detected, the onFocus JavaScript method is employed and the focus moves to the appropriate pop-up window object. If the pop-up window or panel object is a data entry field, drop-down list or a scrollable list, all cursor key operations are detected and the insertion point is adjusted accordingly. If the pop-up window or panel object is a check box, radio button a icon, or a DHTML tab object, and a cursor key (up, down, left, right, home and end keys, with or without the Ctrl or Shift keys) is detected, the onFocus JavaScript method is employed and the focus moves to the appropriate pop-up window object.

[0097] One methodology for this feature requires that all keyboard events be monitored, at all times. When the scan code for the enter key is detected, the appropriate JavaScript function is called to close a pop-up window and to call the appropriate JavaScript function for processing of the relevant data (updated in the window) and communicating, as necessary, with the build engine 352. In another implementation, rather than the panel going into a wait loop awaiting notification from the pop-up window for data initialization purposes, the pop-up window, when loaded, executes the onLoad JavaScript method, and reads the required data values directly from the panel's database, utilizing the JavaScript "opener.fieldname.value" technique. Similarly, the pop-up window, when detecting its completion event, updates the panel's database with the revised values from its own fields and then calls the appropriate JavaScript function in the panel for further processing. Both implementations, and any combinations, assure that the pop-up windows are correctly initialized, the panel's database is correctly updated, and the data is successfully sent to the build engine 352 for processing.

[0098] Extensive use of JavaScript technology is employed to enhance the user interface and for communication between the various HTML frames and/or files, within a given HTML frame or file, between an HTML frame and the JAVA engine, and as a bridge between two

[redacted]

different JAVA applets (57). Extensive use is made of JavaScript arrays to store the values of all page and object attributes, to initialize the correct values in all pop-up windows, and to pass data and status to the engine. Various JavaScript techniques are employed to "type" all variables (JavaScript does not explicitly type anything as described above) as a prerequisite for passing values to the build engine 352. Variables that should be typed as strings, integers and Booleans are typed through the use of "Eval" and "New" JavaScript functions. The choice of color, found in most pop-up windows to define one or more color elements, can be implemented utilizing several innovative JavaScript techniques. They include:

1: Defining a complex image map through a JavaScript function utilizing arrays. Screen shot FIG 48 shows a visualization of an image map. A JavaScript computational loop utilizing arrays can be used to define each individual rectangle in this color palette with its appropriate RGB value and a function call to the appropriate JavaScript method.

2: Limiting the color choices from the image map to only those colors that are designated as safe colors. Safe Colors are the subset of all colors that are browser independent, assuring a consistent color look across all browsers.

3: Supporting a dual color selection technology. The user can be presented with a color palette and can click on a particular color in the color palette. Image map technology can call a JavaScript function, which converts that choice into a RGB numeric definition. This definition updates the RGB values shown in screen shot FIG 48, as well as passing those values, though an appropriate function call, to a build engine JAVA method. The build engine 352 will then draw the actual color immediately on the web page. Alternatively, the user can select a value from Red, Green or Blue selection lists, which can be implemented using an HTML drop-down list form object. The value selected is then processed by an appropriate JavaScript function call to a build engine method, which converts the RGB to a JAVA compliant value, and then draws the actual color on the web page.

4: Supporting True Transparency. For appropriate color elements, such as the background for a text button object, the user can choose, either from the color palette by clicking on a "transparency" rectangle, as described above, or by selecting "TR" from a Red, Green or Blue selection list. This choice is then processed by an appropriate

[redacted]

JavaScript function call to a build engine method, that in turn sets a particular flag for the draw system (of the Build Tool) to not draw a background color for that object.

[0099] Innovative techniques are used to enable JavaScript to dynamically create HTML code based on real time conditions. Cookies can be used for data communication between HTML frames and HTML files, some of which were created in real time. Many unique combinations of HTML elements, including frames, forms, and tables, enhanced by JavaScript code, are utilized to create a extensions beyond that of the MS Windows interface (58). For example, a dual combo box/spin control for both small and large numeric incremental jumps can be implemented by a combination of form and table elements, mouse events, and JavaScript methods.

[0100] Extensive use of Cascading Style Sheets (CSS) was employed to create a consistent look for all pop-up windows, and for precision placement of various HTML elements (59).

[0101] FIG 7b shows a detailed view of the build time techniques for implementation of panel interface objects, including the menu bar, menus and sub-menus, the tool bars, status fields, interactive fields, and interactive pull down lists, in accordance with one implementation of the present invention (15 of FIG 3). These techniques create panel interface objects that have the same look and feel of those which are implemented under the various MicroSoft Windows Operating Systems. In one implementation of the present invention, the status fields, interactive fields, and interactive drop-down lists are defined as HTML form objects (text boxes and lists) embedded within DHTML objects. The menu bar, menus and sub-menus, and the tool bars can be defined as pure DHTML objects. However, Cascading Style Sheets can be used for all panel interface objects; although more extensively with DHTML objects as will be described below. In an alternative implementation of the present invention, the status fields and interactive drop-down lists are defined as pure DHTML objects.

[0102] In one implementation of the present invention the menu bar at 270 is defined as sets of DHTML objects, each set corresponding to a menu command. Each set consists of four DHTML objects with absolute screen positioning, one defining the DHTML object in the Mouse Over state at 278, the second for the Mouse Down state at 279, the third for the Active state, and the fourth for the Inactive state. Each state has a different CSS style assigned, which defines the visual appearance of that state. When the build tool is initialized at FIG 5, the appropriate menu

commands are initialized as active or inactive at 277. If the menu command is defined to be inactive, that DHTML inactive object is assigned by a JavaScript function to the "visible" style attribute, while the other three DHTML objects are assigned the "hidden" style attribute. Screen shot FIG 38 shows a visualization of the "Interactions" menu command in the inactive state. In the inactive state all user interactions are ignored. If the menu command is defined to be active, that DHTML active object is assigned by a JavaScript function to the "visible" style attribute, while the other three DHTML objects are assigned the "hidden" style attribute. While in the active state, the JavaScript functions for "onMouseDown", "onMouseUp", "onMouseOver" and "onMouseOut" are implemented. If a Mouse Down user interaction event is detected over an active menu DHTML object at 279, a menu command specific JavaScript function is called. This function sets the DHTML object for the Mouse Down state to the "visible" style attribute, calls a generalized JavaScript function to reset the visibility states all the other appropriate DHTML objects, set certain status variables, and set the DHTML object which defines the menu associated with that menu command to the "visible" style attribute. Screen shot FIG 37 shows a visualization of the "Image" menu command after having received a mouse down event, with its associated menu 420 having been set to the "visible" style attribute. If a mouse up user interaction event is detected over an active menu DHTML object at 281, a generalized JavaScript function is called in which the DHTML object defining the mouse over state is passed as a function call argument. This function sets the DHTML object defining the mouse over state to the "hidden" style attribute thus resulting in the appearance as shown for the image menu command in screen shot FIG 37, even when the mouse has been moved off the menu object. If a mouse over user interaction event is detected over an active menu DHTML object at 278, a generalized JavaScript function is called in which three DHTML objects are passed as function call arguments as well as a menu command name. These DHTML objects are the ones defining the mouse over state, the mouse down state, and the associated menu. This JavaScript function first tests to see if a menu has been activated by a previous mouse down event and is still visible. If so, a generalized "reset visiblity states" function is called, then both the mouse down and associated menu objects are set to visible. Finally the same menu specific function is called as with the mouse down event. If no menu is visible, then the object associated with mouse over state is set to visible. If a mouse off user interaction event is detected over an active menu DHTML object at 281, a generalized JavaScript function is called in which the mouse over

Petitioner's Exhibit 1011
Page 0271

DHTML object and the menu command name are sent as arguments. Logic tests are made to determine which menu command object has been left, as well as whether any menus are currently visible. Depending upon the results, the mouse over DHTML object may be set to hidden.

[0103] In one implementation of the present invention the menus and sub-menus at 271 are defined as a set of DHTML objects, one for each menu choice, nested inside an DHTML object that defines the entire menu. Each menu object is given absolute positioning, while the menu items are given absolute positioning relative the menu objects origin. Both the entire menu and each choice are assigned CSS styles to define their visual appearances. For each menu choice the JavaScript functions for "onClick", "onMouseOver" and "onMouseOut" are implemented. If a mouse click event is detected at 280 and no sub-menu is defined, a feature specific JavaScript function is called. First the menu bar and the menus are set to their appropriate visibility states. Then setting their visibility attribute style to "visible" activates the appropriate tool bar icon DHTML objects. Finally the feature specific JavaScript code is executed as discussed herewithin, which may cause a pop-up window to be displayed, the Panel's database to be updated, and/or the build engine 352 to be called. If a mouse over event is detected at 278 and no sub-menu is defined, a generalized JavaScript function is called in which the menu choice object is passed as an argument. This function first calls a generalized JavaScript function to close any pop-up windows, then set a status variable and finally executes DHTML commands to set the correct text and background colors for the object. If a mouse off event is detected at 282 and no sub-menu is defined for a menu choice either immediately above or below, a generalized JavaScript function is called in which the menu choice object is passed as an argument. A status variable is set and DHTML commands are executed to set the correct text and background colors for the object. If a sub-menu is defined for a menu choice object, then the same sub-menu specific JavaScript function are called for both mouse click or mouse over events. This function performs the same steps as that of the generalized function that was called for a mouse over event, as well as setting the sub-menu object and its menu choice objects to the visible state. Screen shot FIG 37 shows a visualization of the menu bar's "Image" command having been activated, the drawing of its associated menu 420, the selection of the "Enhance" menu choice, and the drawing of the "Enhance" sub-menu 430. In the event that the cursor is moved to an adjacent menu choice under the "Image" menu, such as "Animation..." or

Petitioner's Exhibit 1011
Page 0272

Page 272 of 418

"Rotate", then a specific JavaScript function is called which, in addition to the functions executed by the generalized JavaScript mouse over function, also hides the "Enhance" sub-menu.

[0104] In one implementation of the present invention, the tool bars at 272 are defined as a DHTML objects, and a set of DHTML objects are defined for a tool icon. The tool is given absolute positioning and is assigned a CSS style in order to define is visual appearance. Each tool icon is assigned a set of three DHTML objects all with absolute screen positioning. The first DHTML object defines the mouse over state at 278, the second for the mouse down state at 279, and the third for the active state. Each state has a different CSS style assigned, which defines the visual appearance of that state. For each tool icon active state object the JavaScript functions for "onClick", "onMouseDown", "onMouseUp", "onMouseOver" and "onMouseOut" are implemented. GIF images are defined for the tool bar DHTML objects, and may be always visible. The inactive "grayed out" representations for each toll icon can be drawn on this image. When the build tool is initialized at FIG 5, the appropriate tool icon objects are defined as active or inactive at 277. The inactive state for an tool icon is represented when all three of its associated objects are assigned the visibility style of "hidden". Screen shot FIG 38 shows a visualization for several inactive tool icons including the icon commands for bold, italic, underline, left and centered. All user interaction events are ignored in the inactive state. If the tool icon, based on the state of the build engine and based on the polling technology described below, is set to an active state, then the tool icon's active state object is set to the visibility style of "visible". If a mouse click event is then detected at 280, a feature specific JavaScript function is called in a manner identical to that for a mouse click event over a menu choice object as described above. If mouse down or mouse up events are detected at 279 or 281, then respective generalized JavaScript functions are called, in which the DHTML object defining the mouse down state is passed as a function call argument. If a mouse down event was detected, then the generalized function sets the tool icon's mouse down object to the "visible" state. If a mouse up event was detected, then the generalized function sets the tool icon's mouse down object to the "hidden" state. If mouse over or mouse out events are detected at 278 or 282, then respective generalized JavaScript functions are called, in which the DHTML object defining the mouse over state is passed as a function call argument. If a mouse over event was detected, then the generalized function sets the tool icon's mouse over object to the "visible" state. If a mouse off event was detected, then the generalized function sets the tool icon's mouse over object to the

"hidden" state. Screen shot FIG 37 shows a visualization of the button tool icon with both its associated the mouse down and active objects set to "visible". Screen shot FIG 38 shows a visualization of the text tool icon with both its associated the mouse over and active objects set to "visible".

[0105] In one implementation of the present invention, the status fields at 273 and the interactive fields at 274 are defined as HTML text boxes. In an alternative implementation status fields are defined as DHTML objects. For both of these panel interface object types, under certain conditions, the panel draws status information into these panel interface objects. This information can result from user input as discussed in FIG 6, or through the polling and two-way communication technology between the interface and the build engine 352 as discussed below. In one implementation of the present invention the status fields are:

1: The color of the selected web page object, in which the red, green and blue settings are shown.

2: The animation state of the selected button or image object.

3: The zoom level for the current web page.

4: The point size for the selected text or button object.

5: The horizontal position, in pixels, of the mouse cursor.

6: The vertical position, in pixels, of the mouse cursor.

7: The type of web page object (text, button, image, table, form object, draw object, etc.,) if selected. The type of object that the mouse is over, if no object is selected.

8: The width, in pixels, of web page object (text, button, image, table, form object, draw object, etc.,) if selected. The width of the object that the mouse is over, if no object is selected.

9: The height, in pixels, of web page object (text, button, image, table, form object, draw object, etc.,) if selected. The height of the object that the mouse is over, if no object is selected.

[0106] Screen shot FIG 38 shows a visualization of the status fields in one implementation of the invention 450. In an alternate implementation using DHTML objects, the status fields will appear two-dimensional rather than the three-dimensional look currently shown.

[0107] There is one interactive field defined in one implementation of the present invention. Screen shot FIG 37 at 460 shows a visualization of the page number interactive field.

In addition to the current web page being displayed, either as a number in one implementation or as a user defined name in an alternative implementation, the user can place the cursor into this field and enter the desired page to go to. A click at 280 or Enter Key event will execute this function.

[0108] In one implementation of the present invention, the interactive drop-down lists at 275 are defined as HTML form lists. In an alternative implementation, status fields are defined as DHTML objects. For both of these panel interface object types, under certain conditions, the panel draws status information into these panel interface objects. The interactive drop-down lists behave in a manner very similar to that of interactive fields, except that when selected, a selection list drops down for selection. Depending upon the number of entries in the list, an elevator object may be drawn. The operations of selecting the interactive pull down list, the selecting of a list item, or the operation of the elevator is identical to that of comparable MS Windows objects. In one implementation of the present invention the interactive pull down list are:

1: Zoom. This interface object has dual spin controls as described above and is always selectable except when in a preview mode. It shows the current zoom level.

2: Button Style. This interface object is always selectable except when in preview. It shows the button style of the currently selected button, if any. Changing the button style will change the style of the currently selected button, and/or define the style of the next button to be created.

3: Point Size. This interface object has dual spin controls as described above and is selectable when a text or button object is selected. It shows the point size of the currently selected text or button object, if any. Changing the point size will change the point size of the currently selected text or button object.

4: Paragraph Style. This interface object is always selectable except when in preview. It shows the paragraph style of the currently selected paragraph, if any. Changing the paragraph style will change the style of the currently selected paragraph, and/or define the style of the next paragraph to be created.

5: Frame State: The state of the 3D frame (none, raised, pressed or live) of the currently selected text, button, or image object.

Petitioner's Exhibit 1011
Page 0275

Page 275 of 418

6: Image Style. This interface object is always selectable except when in preview. It shows the image style of the currently selected image, if any. Changing the image style will change the style of the currently selected image, and/or define the style of the next image to be created.

[0109] Screen shot FIG 37 shows a visualization of interactive drop-down lists 470. In an alternate implementation using DHTML objects, the interactive drop-down lists will appear two-dimensional rather than the three dimensional look currently shown.

[0110] Tool bar icon objects, status fields, interactive fields, and interactive pull down lists all show feedback of the current build engine state. The technology utilized by one implementation of the invention is described below.

[0111] FIG 7c shows a detailed view of the of the build time techniques for implementation of tabbed pop-up windows (15 of FIG 3). These techniques create a pop-up window interface that visually and behaviorally is identical to that which is implemented as dialog boxes under the various MicroSoft Windows Operating Systems. Pop-up windows can be non-tabbed as described in FIG 7a, or can have from two to as many as 10 or more tabs, depending upon the complexity of the choices available to the user for a given feature. In one implementation of the present invention each tab at 283 is defined as a DHTML object at 284. The tab is given absolute positioning and is assigned a CSS style at 286 in order to define is visual appearance. When a click is detected through the JavaScript "onClick" function, a tab specific JavaScript function at 285 is called within the pop-up window's HTML file. This function sets the display style attribute for the DHTML objects that define the settings for all the non-selected tabs to the display style attribute of "none". The DHTML objects that define the GIF image of the non-selected tab file representations are also set to the display style attribute of "none". The display style attribute for the DHTML objects that define the settings of the currently selected tab and the GIF image that depicts the selected tab file representation is set to the display style attribute of "". If there is to a change of the focus of the selected field within the now to be visible tab specific choices, the focus attribute for that object is executed. Screen shot FIG 37 shows a visualization of a tabbed pop-up window, and screen shot FIG 63 shows a collage of four views of a tabbed pop-up window with four tabs. Notice that each state of the tabbed pop-up window has a different tab file representation, showing the selected tab as being in the forefront.

[redacted]

[0112] The interface technology of the invention, in addition to its utilization as part of a web-based web site generation tool, can be used to provide a general purpose interface for all web-based applications that want a MS Windows compliant interface.

[0113] A process for updating the internal database of the build engine 352 is shown schematically in FIG 8. The database is compact and efficient in order to meet the performance requirements for the run time process. The database handles a wide selection of data objects, including multi media objects such as colors, fonts, images, sound clips, URLs, threads, and video. The database supports a multi level animation, transformation, and time line model (discussed in greater detail below). The database complies with the differing rules imposed by the various popular browser security managers.

[0114] The process begins by determining the type of data to be updated at 60. Data that defines generic web site settings (See FIG 21a), screen resolution values (See FIG 21a and FIG 24), and the web page high watermark setting (See FIG 24) can be stored in a header record as boolean and integer variables and URL and color objects at 62 and 63. Data that defines web page, paragraph, text button, and image style and text button, image and paragraph high watermark settings can be stored in one-dimensional arrays as boolean, integer and string variables and URL, font, image or thread objects at 61 and 64. The URL, color, font, image and thread objects can also be created as required at 64.

[0115] Data that defines text button, image, paragraph, or other parent objects and paragraph line high watermark settings can be stored in two-dimensional arrays (by web page and by object number) as boolean, integer, string, floating point variables and URLs at 65 and 66. Again, the URL, color, font, image, audio clip, video clip, text area and thread objects can also be created as required at 66. Data that defines a paragraph line and paragraph line segment high watermarks can be stored in three-dimensional arrays (by web page, by paragraph number, and by line number) as Boolean, integer or string variables at 67 and 68. Again, the URL, color or font objects can be created as required at 68. Data that defines a paragraph line segment can be stored into four-dimensional arrays (by web page, by paragraph number, by line number and by line number segment) as Boolean, integer or string variables or URL, color and font objects at 67 and 68.

[0116] As a data field is added, changed or deleted, a determination is made at 69 on whether a value for a given high watermark needs to be changed. If so, it is updated. As a

[redacted]

specific method in the build engine is called, a determination is made at 70 on whether a feature flag needs to be set. For example, if a particular JAVA method is called, which requires an instance of a certain JAVA Class to be executed by the run time engine, then that JAVA Class is flagged, as well as any supporting methods, variables and/or object definitions. The use of these flags is described in greater detail below in association with FIG 25 and FIG 27 to create a compact and efficient customized run time environment.

[0117] In one implementation, the header record, the style record, the web page record, and the object records, are carefully defined in a specific order, written in that order, and explicitly cast by object type when read by the run time engine. Exception handling can be implemented to recover from any errors. This helps assure that data integrity is maintained throughout the build and run time processes.

[0118] FIG 9 details the polling process (16 of FIG 3). The polling technology is essential for creating the necessary two-way real time communication between the JavaScript/HTML interface and the JAVA build engine. Since there is no particular difficulty for JavaScript to be able to call and pass values directly to JAVA methods, the technological challenge is to find a reasonable technique to enable JAVA to communicate back to JavaScript. The polling technology is generic, and workable across all the current browsers. The polling technology is flexible, as there are no real constraints as to what data could be communicated from the build engine to the interface, and this communication can occur at any time. The polling technology is reasonably efficient, so that the performance of the build process is not significantly affected.

[0119] In one implementation, two different techniques were utilized to implement this capability. The first was to place the build engine inside a JAVA wrapper. The JAVA wrapper accepts direct communication from JavaScript function calls, interrogates a particular JAVA build engine method, and returns that method's return value back to the calling JavaScript function. The second technique was more unconventional. A polling loop is defined in the panel's (panel 400) JavaScript that creates a near continuous, at least from a human perception point of view, dynamic real time link, in order to monitor events occurring inside the build engine. The result is a real time retrieval (from an ergonomic perception point of view) of necessary data and status settings from the build engine back to the interface.

[redacted]

[0120] Upon the loading of the panel HTML file, a JavaScript function at 71 (the poller) is immediately called which initiates a polling loop. In one implementation, the polling loop is set at a poll rate of once every 100 milliseconds or less. The polling routine, operating through the JAVA wrapper, calls the build engine in order to read the current horizontal and vertical coordinates of the mouse cursor, and displays them in the panel's status fields (FIG 37 at 450). The polling routine also polls the build engine in order to detect whether the mouse has moved over a valid object or, by inference, whether a mouse single click, or double click event has occurred. The poller is also constantly requesting the JAVA wrapper to return the status of an error flag in order to inform the user, if necessary, of an unrecoverable error condition, and the reason for it. (See FIG 10). The poller then calls a panel JavaScript function that, in turn, calls the build engine to reset the flag. The poller constantly requests that the JAVA Wrapper return the status of whether the mouse cursor is over a valid object, and, if so, that object's number, type, height and width. The poller also constantly requests the JAVA wrapper to return the status of whether an object is selected, and, if so, the type and number of that selected object, as well as the objects height, width, and 3D frame state (and the point size of the object's current font if the object is a text button or paragraph object). In addition, if the object is a paragraph, the poller constantly requests the JAVA wrapper to return a flag if a double click or drag mouse event has occurred.

[0121] At 72 the polling routine detects a mouse event based on analyzing the return values received.

[0122] The poller can infer that the mouse has either moved off or moved on to a valid object at 73 if the mouse over object state has changed or the mouse over object number has changed. If so, the poller updates the relevant interface objects of the panel as appropriate and displays them as necessary, and, depending upon whether the object is a text button object, a paragraph, image object, etc., at 75, begins polling their unique values.

[0123] The poller can infer that a single click mouse event has occurred at 74 if the selection state has changed, or the selected object changed. The poller updates the menu bar (FIG 37 at 410) as appropriate, making the appropriate menu commands either active or inactive. The poller also sets the necessary status variables, and, depending upon whether the newly selected object is a text button object, a text object, image object, etc., at 74, begins polling their unique values. The poller also activates the appropriate menu choice objects inside the "Edit"

[redacted]

menu, the "Text" menu, the "Button" menu, the "Image" menu, and the "Interactions" menu objects (FIG 37 at 420 and 430), depending upon whether an web page object is selected or not, which type of web page object is selected, or, if the selected web page object is a text object, whether text is marked through a drag or double click event. In a similar manner, the poller also sets the values for the interactive field objects (FIG 37 at 460) and the interactive drop-down list objects (FIG 37 at 470). More specifically, JavaScript can poll the web page object number. The value of the web page object number can be used to initialize pop-up windows with that object's web page current values, either from the panel's database or, if necessary, by interrogating the build engine's database.

[0124] The poller can infer that a double click or mouse drag operation has occurred if the flag indicating a double click or mouse drag operation is detected at 75. The poller calls a panel JavaScript function that, in turn, calls the build engine to reset the flag. The poller then calls a panel JavaScript function to display the appropriate panel menu choices. For example, if the double click or mouse drag event occurs within a text object, then the "Text Style and "Hot Link" menu choice objects become active under the panel's "Text" menu object.

[0125] Depending on the object type (76), the polling technology performs various functions. If the object is a text object at 77, the values for the paragraph style, point size, object height and width, text color, and the 3D frame status are polled and displayed. The panel's menu objects and the menu choice objects within that are active for a text object are set to the active state, and the non-text menu choice objects are set to the inactive state, which visually means they are unavailable and are "grayed out". In addition, polling can be initiated for the creation of a hot link. If the object is a text button object at 78, the values for the text button style, point size, object height, width, text color, animation state, and 3D frame status are polled and displayed. The menu choice objects inside the panel's menu objects that are active for a text button object are set to the active state, and the non-text button menu choice objects are set to the inactive state, which visually means they are unavailable and are "grayed out". The value of the text button object string is also polled and saved in the panel's database for use when initializing relevant pop-up windows. If the object is an image object at 79, the values for the image style, object height, width, frame color, animation state, and 3D frame status are polled and displayed. Again, the menu choice objects inside the panel's menu objects that are active for a image object

Petitioner's Exhibit 1011
Page 0280

Page 280 of 418

are set to the active state and the non-text button menu choice objects are set to the inactive state. In addition, the results of any relevant direct object manipulation are polled and displayed.

[0126] FIG 10 describes a two level error correction technology (17 of FIG 3) employed by the build process. Initial error checking occurs during the interactions between the user and the interface with the JavaScript error checking code at 80. Any file name, selected by the user through the file selection window or typed in a file pathname (See FIG 6 at 49) is checked by the panel's JavaScript to assure that it has the correct file type suffix (gif, jpg, au, etc.) at 81.

[0127] The panel's JavaScript Code performs range checking at 82 to prevent user error or to prevent the breaking of any internal limits imposed by the build engine. These can include: going to a non-existent web page; exceeding any limit with the dual spin control (i.e. attempting to increment or decrement a point size outside of the legal range, or trying to illegally decrement a value to zero or a minus number; typing in a numeric value that is outside a legal range; and, implicitly creating an object that exceeds a limit imposed by the build engine).

[0128] The panel's JavaScript code also checks the file pathname to make sure it contains a valid address, and makes necessary additions or conversions, if necessary, at 83. For example, if the user selected a file from the local disk, the correct URL protocol is appended to the file name in order to make it a valid string representation of a URL address. Any illegal characters for a pathname or a null file pathname entry are also caught at 83. In addition to file pathname validity checking there are other validity checking functions that can be employed by the JavaScript at 83. They include the attempt by the user to enter a non-numeric character into a numeric field, or leaving an essential fill-in field empty.

[0129] The panel's JavaScript then passes these values to the build engine though the arguments of a JAVA method function call at 84. The build engine can utilize the extensive exception handling capability of JAVA at 85 (or that of any other full featured programming language used) to attempt to recover from any processing error. If recovery is not possible, the build engine sets an error flag, utilizing the polling technology (See FIG 9 at 71). The poller, upon detecting this flag, informs the user, for example, through an alert JavaScript pop-up message, what non-recoverable error has occurred, from which operation, and what actions, if any, the user should take. For example, if the user had selected a corrupted image file, the exception handling technology can inform the user of this fact so that user corrective action can resolve this very common problem. In one implementation, error handling and exception

Petitioner's Exhibit 1011
Page 0281

Page 281 of 418

recovery support is provided for a malformed URL, an input or output error, a security manager violation, and a null pointer error.

[0130] FIG 11 shows a process for text entry and text processing (18 of FIG 3). The process begins when the panel's JavaScript detects the user selecting either "Button" or "Text" icon objects from the panel's tool bar or from their equvalent menu choices under the "Button" or "Text" menus, and calls the appropriate JavaScript function at 86. The JavaScript function, after performing a range check to assure that no internal limits of the build engine are being broken, updates its database, and sets the necessary status variables. The panel's JavaScript then calls the appropriate build engine method, passing the necessary arguments, including the current board number, the internal number to be assigned to the object, the object type, and the current text button or paragraph style at 87. The build engine then updates its internal database and sets the necessary status variables. The build engine also changes the mouse cursor shape to that of a text entry symbol. In one implementation, the mouse cursor is shaped like a crosshair, and can be moved onto the web page (the build frame 402) at an arbitrary location.

[0131] The build engine detects a mouse click event through its "mouseDown" method at 88. This method reports to the build engine the exact horizontal and vertical coordinates of the crosshair mouse cursor at the moment the mouse button is pressed. The build engine places these values into its internal database. The polling process is also supported, as discussed in FIG 9, by placing the necessary return values in the appropriate poll enabled methods.

[0132] The build engine creates a dynamically resizable frame utilizing JAVA's "Text Area" object class, whose coordinates and size coincide with that of the draw system for the object as defined below. Other full-featured programming languages, if used by the invention, also possess similar object types. The text area is immediately overdrawn by the draw system's background paint routine. The build engine, utilizing the font metrics as defined by the selected text button or paragraph style, and utilizing the crosshair cursor's coordinates, calls the draw system. The draw system paints the background and then paints an insertion point and a selection rectangle, in the appropriate colors, and with the appropriate height and width, into the appropriate web page location at 89. If the text button or paragraph style has a 3D frame selected, this intelligent ornamental object would also be drawn, in the appropriate color, dimensions, and thickness. Screen shot FIG 41 shows a visualization of this process. The text insert point is in black, surrounded by a red selection rectangle, and surrounded by a blue 3D

[redacted]

frame, as defined by the selected style. The text editor is then initialized by setting the necessary status variables.

[0133] The build engine waits until a keyboard keystroke is detected. The scan code is interpreted, and if it is a text entry key, the text editor's methods are called at 90. The text editor processes the key event at 91. The build engine employs frame (Text Area) processing methods and draw methods to implement the text entry and text processing functions. As a keyboard key for a text character is pressed, the build engine passes this value to the editor's text entry method, which updates both the text area's frame definition, and the draw system's database. The width of the text area is dynamically resized as necessary. If the object was a paragraph, a check is made on whether a reformat event should occur, based on the paragraph style's definition and the width of the current line's text string. If so, the appropriate text editor reformat method is called, which may cause the text area's vertical dimension to also be resized. A high watermark variable may also be set, for optimization purposes. After the final state of the text area is determined for the text entry keyboard event, the internal database for the text area, and for the paragraph or text button object, are updated. The draw system is called, and the results of the text entry event are drawn on the web page at 94.

[0134] In one implementation, the build engine also supports the usual text processing functions found in MS Windows or Macintosh based Word Processors or Desktop Publishers at 92 and 93. For example, if the user single clicks the mouse when over an unselected paragraph or text button object, that object is selected, a selection rectangle is drawn, the mouse cursor shape is changed to a crosshair, and the poller reports the necessary information to the panel's JavaScript. If a mouse click occurs over a selected paragraph or text button object, the editor's "Set Text Insertion Point" method is called. Based on the coordinates of the mouse cursor, and based on a calculation by the build engine as to the nearest line, and the nearest character on that line, the text insertion point can be drawn appropriately, and the necessary status variables are updated. Text entry is then processed as discussed at 91.

[0135] If a double click or mouse drag mouse event is detected over a paragraph, an appropriate "text string selection" method is called (See FIG 6). Based on the coordinates of the mouse cursor, and based on a calculation by the build engine as to what text string should be selected, the internal database in updated, appropriate status variables are set, and the draw system is called for marking the text string at 94. The polling technology is activated as

Petitioner's Exhibit 1011
Page 0283

Page 283 of 418

discussed in FIG 9. The build engine's reformat methods for paragraphs can utilize a "Clean Text Stream" model for calculating line breaks and for updating four-dimensional variables utilized by the draw system in order to draw each paragraph, each paragraph line, and each paragraph line segment in the correct location, with the correct font type, font style, font size, font effect, and background and text string color. Font style refers to a font format such as Normal, Bold, Italic, or Bold Italic. Font effect refers to style overrides such as Underline, Double Underline, Small Caps, Cross Out, Superscript, Subscript, etc. The "Clean Text Stream Model" implemented by the build engine maintains multi-dimensional array pointers and records for every paragraph line and line segment external to the text string defined within the text area. Three-dimensional and four-dimensional variables are updated after each text entry or text editing and processing event in order to assure that the pointers into the paragraph text stream, defined in the text area, are current. The three-dimensional variables that the build engine has implemented can include soft and hard line end pointers for each paragraph line. Their values can be the absolute character positions within the text area text string for that line end. Hard line breaks can be created by the user pressing the enter key. Soft line breaks can be created by a reformat method based on a calculation defined below.

[0136] The four-dimensional variables can be absolute pointers into the text area text string for the beginning and end of every style override, associated with each paragraph line segment. These style overrides can include hot links, font type, font style, font size, numerous font effects, and text and background colors. For each style override there is an associated style override record that maintains all the font and color settings for that paragraph line segment. Also positional and size data such as start and end pointers into the paragraph text stream, a left offset relative to the paragraph's left origin, a top offset relative to the paragraph's top origin, and the line height. The style override record is created when the build engine detects a mouse drag or mouse double click event within a selected paragraph. When the mouse button is initially pressed, the current paragraph line and current word on that line are calculated in a manner identical to that for calculating the location of the text insertion point on a mouse click operation. The entire word becomes one anchor for the paragraph line segment, while the word defined by the mouse coordinates when the mouse button is released becomes the other anchor. Up to two other paragraph line segments can be implicitly created by the word oriented selection method. If there is text to the left of the first anchor word, and that paragraph line had not

Petitioner's Exhibit 1011
Page 0284

Page 284 of 418

previously had a style override defined in it, the text string from the beginning of the paragraph line to the first anchor point has a style override record created for it. The values are set to that of the underlying paragraph.

[0137] If style overrides had already been created on that paragraph line, and the anchor word is inside one of them, then that style override's end pointer is adjusted to the start of the anchor word. All other style overrides, if any, to the right of the anchor word are deleted, as overlapping style overrides are not permitted. In a similar manner, the text string, if any, to the right of the last anchor point, up to the line or paragraph end, can also be defined as a style override. If a mouse click occurs before a "text style" operation, then these pointers will be reset. If the panel's JavaScript detects a user selection of "text style" from the "Text" menu, the appropriate pop-up window is drawn and its values initialized from the JavaScript database. Upon detecting a user completion event (i.e., the depressing of the enter key), the panel's JavaScript database is updated and a call is made to an appropriate build engine method, with the necessary data and status information passed as function call arguments. The build engine updates its internal database and calls the reformat method if necessary. The draw system utilizes these four-dimensional variables in order to paint the paragraph line segment style override.

[0138] The calculation for the creation or updating of a soft line break begins with the maximum paragraph width, which is set at a percentage of the browser screen width. This percentage is converted to an absolute pixel number based on the web designer's screen resolution. When any text entry or text editing and processing event occurs, a build engine method is called which calculates the width, in pixels, for the current paragraph line, based on the character string in the text area that exists between the previous line end pointer and the current line end pointer. The font definition(s) that are related to this character string are applied, and a string width is calculated. If the string width exceeds that of the maximum paragraph width, an "OverFlow" reformat method is called. The overflow reformat method calls a method to determine the settings for the last word on that line, and that word overflows to the following paragraph line. All pointers for the current line, and subsequent lines are updated as necessary, as are all pointers and records to paragraph line segments. If the string width is less than that of the maximum paragraph width, and the text processing operation was not text entry, then an "UnderFlow" Reformat method is called. The underflow reformat method calls a method to

Petitioner's Exhibit 1011
Page 0285

Page 285 of 418

determine the width, in pixels, for the first word on the next line. If that word will fit on the current line it is placed there. As before, all pointers for the current line, and subsequent lines are updated as necessary, as are all pointers and records to paragraph line segments. The word oriented selection technique, and the reformat, database, and draw technologies that support it, greatly simplify the text editor and produce a run time engine that is smaller, faster and more reliable.

[0139] FIG 12 shows the operation of the image processing technology utilized by the build engine (19 at FIG 3). The process begins when the panel's JavaScript detects the user selecting the "Image" icon from the panel's tool bar or the comparable menu choice under the "Image" menu. The appropriate JavaScript function is called at 95, which draws the define image pop-up window. The user then selects an image from the file selection window with the browser, types in the image pathname for the image file on the local disk, or types in the URL for the image that exists on a server. The user could also define a 3D frame for the selected image at this time. Screen shot FIG 49 shows a visualization of a collage for the define image pop-up window and the user's selection choices under each tab setting. The user can complete the selection process by either pressing the Enter Key or clicking on the "Create Image" icon in the pop-up window. If the Enter Key is pressed, the pop-up window's JavaScript Code utilizes the onKeyDown function, or if a mouse click, the onClick function, as described in FIG 7, to recognize the completion event. An appropriate error checking JavaScript function is called, which performs a file name error check, a filename validity check, and a range check to assure that no internal limits of the build engine are being broken. If the error checking tests are successful another JavaScript function is called to update the panel's database, and set the necessary status variables.

[0140] The panel's JavaScript then calls the appropriate build engine method, passing the necessary arguments, including the current internal web page number, the internal number to be assigned to the image object, the object type, and the current image style at 96. The build engine then updates its internal database and sets the necessary status variables. It also changes the mouse cursor shape to that of an "Image Create" symbol. In one implementation, the mouse cursor is shaped like an arrow. The build engine detects a mouse click event through its "mouseDown" Method at 97. This method reports to the build engine the exact horizontal and vertical coordinates of the arrow mouse cursor at the time the mouse button was pressed, and

Petitioner's Exhibit 1011
Page 0286

Page 286 of 418

places these values into its internal database. The polling process is also handled, as discussed in FIG 9. The build engine then asserts the necessary security permission for reading from the local disk, if necessary, and attempts to create the necessary image object at the current mouse coordinates at 98, while checking for any exception conditions as described in FIG 10. If no unrecoverable exceptions are reported, the internal database is updated and the draw system is called.

[0141] The image processing technology supports direct web page image object interactions at 99, utilizing the communication technology described in FIG 6. The build engine first processes the mouse event as described in FIG 7, and places the appropriate values into a poll enabled JAVA method as described in FIG 9. There are two types of direct web page image object interactions.

[0142] The first occurs by simply selecting the image object with a single mouse click. A red selection rectangle is drawn around the image, as are eight attachment points. When the user has pressed the mouse cursor, the mouse cursor's shape changes to that of an anchor, which is a symbol that can be used when dragging or moving an object. The mouse's location will jump to the origin for the image. In an alternative implementation, the anchor can be defined by the mouse location at the time of the mouse drag operation. In either case, while the mouse is being dragged, the build engine updates its internal database. The build engine also updates its poll-enabled methods for communication with the interface's polling technology at 100. The JavaScript poller reads these values, updates the panel JavaScript database, and updates the panel's interface objects. In a similar way, placing the mouse cursor over an attachment point and dragging will result in an image resizing operation. Screen shots FIG 50 through FIG 52 show a visualization of an image dragging operation. Screen shot FIG 50 shows the cursor over an unselected image. Screen shot FIG 51 shows the screen state after the left mouse button has been pressed. Notice that the image is now selected and the cursor shape has changed to the drag state. Screen shot FIG 52 shows the screen state after the mouse has been dragged to the northwest. Notice that the image stayed selected and moved with the mouse. Screen shots FIG 53 and FIG 54 show a visualization of an image resizing operation for a normal image. Notice that all eight-attachment points are drawn and active for the selected image. Screen shot FIG 53 shows the cursor over the upper left attachment point. Notice that the cursor shape has changed to a northwest to southeast resize cursor shape. Screen shot FIG 54 shows the result after the left

[redacted]

mouse button has been pressed over the upper left attachment point and dragged to the northwest. Notice that the image's upper left corner is still under the cursor, the image has resized, and the cursor shape remained unchanged. For image resizing operations with the mouse over and mouse down objects, only the east, southeast, and south attachment points are drawn and active.

[0143] The second type of direct web page image object interaction occurs when the panel's JavaScript code detects that the user has selected an image object interaction feature from the panel's "Image" menu. The appropriate JavaScript function is called, which sets the necessary status variables, and then calls the appropriate JAVA method, passing the necessary values as arguments. The JAVA method then sets its necessary status variables, changes the mouse cursor shape as appropriate, depending upon the type of direct image operation, and awaits a direct mouse operation on the image object. Image rotation is an example of this type of direct image interaction. In one implementation, direct image object rotation is realized by utilizing the image rotation technology described in association with FIG 33 below. Screen shots FIG 55 and FIG 56 show a visualization of an image rotation for a normal image. Screen shot FIG 55 shows the user selecting the rotate command from the "Image" menu. Immediately the cursor's shape changes to the rotate (a dual left/right arrow) cursor, and the selected image's attachment points disappear. Placing the cursor on the image and dragging will cause the image to rotate on an east/west and/or north south axis. Screen shot FIG 56 shows the result after the mouse was dragged on an east/west plane.

[0144] Image object interactions are invoked by selecting from the JavaScript panel, selecting from a JavaScript pop-up window, and by selecting from a JAVA window object at 101, as described in FIG 6. The initial values in the pop-up window are set from JavaScript's database. After any user interaction, JavaScript's database is updated and the appropriate method in the build engine is called with the necessary settings. The build engine, after updating its internal database, calls the appropriate image processing method. The image processing routine then calls the required image filter(s), which then perform the necessary processing on the image bitmap at 102.

[0145] An image filter is a body of code, usually consisting of one or more digital image processing algorithms, which operate on an image bitmap, and create a transformed image bitmap. An image observer can be invoked by the image filter, which then reports when the

[redacted]

image bitmap processing has been completed. An image observer is a independent process that monitor's a particular image processing event, such as the execution of an image filter or the reading in of an image file, and reports the status of that process when queried. When the image observer reports a successful completion, the image filter can call the build engine's draw system to display the transformed image bitmap. This interaction between the build engine's image processing method, the image filter(s), the image observer, and the draw system can occur many times, depending upon the image processing operation chosen. Image animations and image transformations, which are technologies that rely heavily on image filters, and the image observer are discussed in greater detail below in association with FIG 16 and FIG 17.

[0146] FIG 13 shows a process for implementing text button, image and paragraph style settings (20 of FIG 3). The initial values for all the settings inside a parent pop-up window and associated child pop-up windows, for a particular style, can be set from the JavaScript database at 103. The settings can include: image object styles, text button object styles and paragraph object styles.

[0147] The following settings can be initialized and changed for image object styles.

a) The following settings are initialized for all image object states (Normal, mouse Over, mouse Down) and can be changed:

(1) resize factor.

(2) rotation factor.

(3) main animation type, speed, number of animation steps (resolution) and number of cycles.

(4) image processing factors. (brightness, contrast, etc.)

(5) 3d effects and their color values.

(6) web page centering attribute.

(7) web page scaling attribute.

b) The following actions are initialized and can be changed.

(1) sound effects and audio channels.

(2) video files and video channels

(3) text button and image pop ups and their attributes (See 1.a above and 2.a below.)

(4) click events.

[redacted]

c) The following transformation settings are initialized and can be changed.

(1) the initial delay

(2) up to three transformations can be defined with the following settings:

(a) which image states should the transformation be from and into.

(b) the speed of the transformation.

(c) any delay before the next transformation.

(3) whether the transformation(s) should occur simultaneously with the enter and exit time line animation or after the enter and before the exit animations.

d) The following time line settings are initialized and can be changed.

(1) the initial delay before the image object's appearance.

(2) the enter animation type, speed, and animation resolution.

(3) the delay after the enter animation and the main animation.

(4) the exit animation type, speed, and animation resolution.

(5) the initial delay, after the entrance of the parent object, before the child text button and image object's appearance(s).

(6) the child object(s) enter animation type, speed, and animation resolution.

(7) the delay after the child object(s) enter animation.

(8) the child object(s) exit animation type, speed, and animation resolution.

[0148] The following settings can be initialized and changed for text button object styles.

e) The following attributes are initialized for all text button object states (normal, mouse over, mouse down) and can be changed:

(1) all font specifications.

(2) vertical state.

(3) all color specifications.

(4) 3d effects and their color values.

(5) web page centering attribute.

(6) font processing attributes (available in java 2)

(7) scale, shear, and rotate (available in java 2)

f) The following actions are initialized and can be changed.

[redacted]

(1) sound effects and audio channels.

(2) video files and video channels

(3) text button and image pop ups

(4) click events.

g) The following transformation settings are initialized and can be changed.

(1) the initial delay

(2) up to three transformations can be defined with the following settings:

a) which image states should the transformation be from and into.

b) the delay before the next transformation.

(3) whether the transformation(s) should occur simultaneously with the enter and exit time line animation or after the enter and before the exit animations.

h) The time line settings are the same as those defined for image objects. They also are initialized and can be changed.

[0149] The following settings can be initialized and changed for paragraph styles. The following attributes are and can be changed:

i) all font specifications.

j) all color specifications.

k) 3d effects and their color values.-

l) web page centering attribute.

m) the look of hot links, including the text and background colors when the link is active and when the mouse is over the link.

[0150] The reference to JAVA 2 under text button object styles refer to the most recent version of JAVA released by Sun Microsystems. This version supports a far more robust two-dimensional processing capability than JAVA 1.6, including significant font processing capabilities and the scaling, shearing, and rotation of objects. Currently, most conventional browsers only support JAVA 1.6. Provisions are made in the invention so that as the then popular browsers support more robust versions of programming languages, those new capabilities can be employed to further enhance the capability of the invention.

[redacted]

[0151] Referring again to FIG 13, upon detecting the completion of editing an image, text button or paragraph style, the panel's JavaScript calls a build engine method and passes the required values. The build engine updates its internal database and sets any necessary feature flags at 104.

[0152] When an image, text button or paragraph object is created, all the style settings for the currently selected style are applied by the build engine as part of the definition for the newly created object at 105.

[0153] If a style is changed, all objects on all internal web pages that are utilizing that style are candidates for being changed to those new values at 106. Flags are kept for every possible style setting for each object. If a given object is edited through the text button, image, or interaction menus or other interface objects of the panel 400, the flags are set for any setting that are changed. If that style is subsequently changed, only those settings that have not had their flags set will be changed for any given object.

[0154] FIG 14 describes the video and audio file and video and audio channel processing techniques employed by the build engine (21 of FIG 3). A user can select a video or audio special effect (i.e. user input is provided at 107 that indicates a video or audio special effect). The method for activating a video file or video channel is defined in the text button and image object "mouse over" interactive pop-up windows described later at FIG 16. Methods for defining a video object as a pop-up, or a frozen object, are described with reference to the text button and image object "mouse down" interactive pop-up window also described at FIG 16. Audio files and audio channels can be defined in both the "mouse over" and "mouse down" interactive pop-up windows also described at FIG 16. The pop-up or a frozen object settings for audio are also set in the object "mouse down" interactive pop-up windows discussed therein.

[0155] As before, the panel JavaScript code initializes any pop-up windows (where the initial values are set from the JavaScript database), captures a file or channel name (from the user input) and performs file and validity error checking upon detecting a user completion action at 108. The build engine is then called, receiving the necessary data and status as function call arguments.

[0156] The build engine determines if the audio and video definition is a file pathname or the URL of a live channel at 109, and thereafter initiates its exception handling. If the video or audio definition is a file, the build engine performs the relevant file exception handling checks,

[redacted]

and asserts the necessary security permissions. If there were no errors, or the exception handling error was recoverable, the build engine reads and links the video/audio file to the database, and plays the file for user verification at 110. If the video or audio definition was a channel, the necessary pointers are updated in the database, and methods are assigned for efficient transmission, at run time by the run time engine, at 111. The ability of the run time engine to play multiple synchronized audio and video files and channels simultaneously will be described at FIGS 31-35.

[0157] FIG 15 describes the frames, tables, forms and draw objects technologies employed by the build engine (22 of FIG 3) in one implementation of the invention. When the panel JavaScript code detects a user action to create a "frame", "table", "form" or "draw object" from an appropriate panel interface object, it draws and initializes the appropriate pop-up window at 112. Upon detecting a user completion action by the pop-up window's JavaScript code, a panel JavaScript function is called to perform the necessary error checking and updating of the panel's database. Panel JavaScript thereafter calls the appropriate build engine method(s) passing the necessary data and status values as function call arguments at 113.

[0158] The build engine updates its internal database, sets the necessary status values, and initializes, as necessary, appropriate methods for run time processing. In one implementation, the build engine includes definitions to map a given object into a relational database. Also available are a full array of database operations. Support for popular databases (such as Oracle, Informix, Sybase and DB2) are available on a real time interactive basis.

[0159] The run generation technologies, as described later in FIGS. 24-27, are also implemented for a given frames, table, form and draw object at 114. The run time technologies, as described later in FIGS. 28-36, are also implemented for a given frame, table, form and draw object at 115.

[0160] FIG 16 describes the user interaction settings and technology employed by the build engine (24 of FIG 3). Depending upon the type of object currently selected at 116 (if no object is selected no user interaction choices will be available) the panel JavaScript Code draws an appropriate pop-up window. If the selected object was a text button object at 117, or an image object at 119, both "mouse over" and "mouse down" choices will be available from the panel's "Interactions" menu. If the selected object is a paragraph, user interaction definitions

[redacted]

can be activated by a double click or a mouse drag event being detected by the build engine at 118.

[0161] More specifically, appropriate values are set in a poll-enabled JAVA routine. The JavaScript poller reads the values, and draws the appropriate panel menu choices. The "Text Style", "Hot Link", "Preferences" and "Format" pop-up windows can be chosen. If the hot link choice under the panel's "Text" menu is selected and executed, the hot link definition for internal or external web pages is captured by an appropriate JavaScript function and file pathname error and validity checking is performed. If either the "Text Style", "Hot Link", Preferences" or "Format" choices under the panel's "Text" menu are selected, the panel's JavaScript draws the appropriate pop-up window. Upon detecting a user completion event, the panel's JavaScript reads the values in the pop-up window and passes the font specification parameters to an appropriate build engine method as function call parameters. The build engine then processes this data, calls a reformat method, updates its internal database, and sets the necessary four-dimensional variables for communication with the draw system.

[0162] The normal and "mouse over" foreground and background colors for the hot link, which were defined in a link look pop-up window (available under the "Text" menu of the panel), are utilized by the build engine to draw the hot link. The build engine performs the necessary exception handling, and then updates its internal database.

[0163] Based on the panel's JavaScript Code detecting whether the user chose the "mouse over" or "mouse down" choice under the "Interactions" menu at 120, as well as based on whether an image or text button object is currently selected, the panel's JavaScript code draws the appropriate pop-up window. Initial values for the pop-up windows are set from the panel's database at 121 and 122.

[0164] In one implementation, the following user interaction's for the "mouse over" and "mouse down" states for text button and image objects are supported:

1: 3D Frame, in a specified color, and selected for a specified 3D appearance, can be defined for text button and image object's "mouse over" and "mouse down" states, as well as for their text, image and video pop-ups.

2: The font typeface, font style, font size, font effect(s), text color, and text background color can be defined for a text button object's "mouse over" and "mouse

[redacted]

down" states, as well as for the text pop-ups associated from both text button and image objects.

3: Text, image, and video pop-ups can be defined for the text button and image object's "mouse over" state.

4: A sound track (file) can be defined for the text button and image object's "mouse over" state with the following choices:

a. play once when a "mouse over" event occurs.
b. play until a click event while on the object.
c. play until the mouse moves off the object.

5: A sound track (file) can be defined for the text button and image object's "mouse down" state with the following choices:

a. play once when a mouse click event occurs when over the object.
b. play until a second click event while on the object.
c. play until the mouse moves off the object.

6: Both video and sounds can be defined as channels as well as files.

7: The text, image, and video pop-ups can be frozen (i.e. not disappear when the mouse moves off the object after a mouse click event, for both text button and image objects).

8: Text button and image objects can have one of the following click events defined:

a. go to a specific internal web page.
b. go to the next internal web page.
c. return to the parent (calling) web page.
d. go to an external web age. That web page will replace the current web page.
e. go to an external web page. That web page will be launched into a new window so that both web pages will be visible and accessible.

[0165] After a user completion action is detected, the panel JavaScript code performs the necessary file error and validity checking, updates its database and sets necessary status values, and then calls the appropriate build engine method, passing the necessary data values and status as function call arguments at 123. The build engine updates its internal database, sets the necessary status variables, then draws the appropriate "mouse over" or mouse down" text button

[redacted]

or image object states. The build engine also plays the sound or video file for user verification. The run time technology behind the user interactions will be described in greater detail in association with FIG 36.

[0166] FIG 17 describes the image and text button object animation settings and technology employed by the build engine (25 of FIG 3). The panel's JavaScript code determines which type of object, and which object number, from the currently selected object, as reported by the poller at 124. When the panel's JavaScript detects a user selection of "Define Image" or "Animate" from the panel's "Image" menu, or a user selection of "Define Button" or "Animate" from the panel's "Button" menu, it draws the appropriate pop-up window and initializes the pop-up window's values from its database at 125 and 126. Screen shot FIG 57 shows a visualization of one implementation of the "Text Button Animation Specifications" pop-up window and the animation settings available to the user. Screen shot FIG 58 shows a visualization of one implementation of the "image animation specifications" pop-up window and the animation settings available to the user.

[0167] When a user completion event is detected, the panel's JavaScript code captures the values from the pop-up window for the animation type, speed, resolution, and number of animation cycles at 125 and 126, respectively, and updates its database at 127. The panel's JavaScript then calls the appropriate build engine method, passing the necessary data and status values as function call arguments. The build engine updates its internal database and sets the necessary feature flags (See FIG 8.) Linkage to the appropriate animation method(s) is also set.

[0168] A thread object (a thread is an independent asynchronous program that is multiprogrammed with other threads, are defined and executed by the invention, by a JAVA Virtual Machine and by the browser) is created and executed for user verification at 128. Values are set to integrate the given animation thread with the object time line technology (See FIG 19). Values are set at 129 so that when the thread object is invoked by the run time engine, the appropriate image filter(s) and animation methods are called. The run time technology behind image and text button object animations is described in greater detail in association with FIG 31 through FIG 35.

[0169] FIG 18 describes the transformation settings and technology utilized by the build engine (26 of FIG 3). A transformation is defined as the changing of an object from one state to another based on a timer control, subject to user settings. In one implementation, the available

[redacted]

states for text button and image objects are their "normal", "mouse over", "mouse down" and "pop-up" definitions. For text button objects, a transformation is implemented as the instantaneous drawing of one object state while erasing the previous object state. For images, a transformation is the gradual fading out of the previous object state, while, simultaneously, fading into the next object state.

[0170] Prior to any user menu selection, the panel's JavaScript code already knows the status of any selected object through the poller mechanism (124 of FIG 17). This includes what type of object and the object's internal identifying number. When the panel's JavaScript detects a user selection of "Transform" from the panel's "Interactions" menu, it draws an appropriate pop-up window and initializes the pop-up window's values from its database at 130. Screen shot FIG 59 shows a visualization of one implementation of a "define the transformation for the text button object" pop-up window and the transformation settings available to the user. Screen shot FIG 60 shows a visualization of one implementation of a "define the transformation for the image object" pop-up window and the transformation settings available to the user. When a user completion event is detected, the panel's JavaScript Code captures the values from the pop-up window based on the object type.

[0171] In one implementation, the following settings for text button objects can be specified:

1. The initial delay.
2. Up to three transformations can be defined with the following settings:
    a. Which image states should the transformation be from and into.
    b. The delay before the next transformation.
3. Whether the transformation(s) should occur simultaneously with the enter and exit time line animation or after the enter and before the exit animations.

[0172] In one implementation, the following settings for image objects can be specified:

1. The initial delay.
2. Up to three transformations can be defined with the following settings:
    a. Which image states should the transformation be from and into.
    b. The speed of the transformation.
    c. The resolution of the transformation.
    d. Any delay before the next transformation.

[redacted]

3. Whether the transformation(s) should occur simultaneously with the enter and exit time line animation or after the enter and before the exit animations.

[0173] The panel's JavaScript updates its database at 131. The panel's JavaScript then calls the appropriate build engine method, passing the necessary data and status values as function call arguments. The build engine updates its internal database and sets the necessary feature flags (See FIG 8.) Linkage to the appropriate transformation method(s) is also set.

[0174] A thread object is created and executed for user verification at 132. Values are set to integrate this transformation thread with the object time line technology (See FIG 19). Values are set at 133 so that when the run time engine invokes the thread object, the appropriate image filter(s) and transformation methods are called. The run time technology behind image and text button object transformations is described in greater detail below in association with FIG 31 through FIG 35.

[0175] FIG 19 describes the text button and image time lines and technology utilized by the build engine (27 of FIG3). A time line is an independent asynchronous process that defines the existence of a given text button or image object. An object's time line begins at the time a given web page makes its appearance, either through an immediate draw or through a transition animation. In one implementation, an object time line can be created as an instance of a class, which has a threadable interface. This instance has its own data structures, which define the animations, and transitions associated with the time line definition. An image or text button object time line can spawn child time lines, at a designated moment. A complete description of time line technology, and how they integrate the animation and transformation technologies, will be described below in association with FIG 31 through FIG 35.

[0176] The build process begins the time line definition process by having the panel's JavaScript determine what is the currently selected object, utilizing the polling technology at 134.

[0177] That is, values for the object' appearance time, animation type, speed and resolution are captured. When the panel's JavaScript detects a user selection of "time line" from the panel's "Interactions" menu, it draws the appropriate pop-up window and initializes the pop-up window's values from its database. Screen shot FIG 61 shows a visualization of a collage of one implementation of a "define the time line for the text button object" tabbed pop-up window and the time line settings available to the user under each tab. Screen shot FIG 62 shows a

[redacted]

visualization of a collage of one implementation of a "define the time line for the image object" pop-up window and the time line settings available to the user under each tab. When a user completion event is detected, the panel's JavaScript captures the values from the pop-up window based on the object type. The currently available settings, for both text button and image objects, are:

1: The initial delay before the image object's appearance.

2: The enter animation type, speed, and animation resolution.

3: The delay after the enter animation and the main animation.

4: The exit animation type, speed, and animation resolution.

5: The initial delay, after the entrance of the parent object, before the child text button and image object's appearance(s).

6: The child object(s) enter animation type, speed, and animation resolution.

7: The delay after the child object(s) enter animation.

8: The child object(s) exit animation type, speed, and animation resolution.

[0178] The panel's JavaScript updates its database at 135. The panel's JavaScript then calls the appropriate build engine method, passing the necessary data and status values as function call arguments. The build engine updates its internal database and sets the necessary feature flags (See FIG 8.) A build engine method then processes all the data related to this object. The object's animation settings, if any, are integrated into the timeline at 136. The object's transformation settings, if any, are also integrated into the timeline. If an image object, any transformation animation may be executed simultaneously with the appearance and/or exit animations, depending upon the settings. Finally, a multi-level object thread definition is created and executed for user verification. Values are set at 137 so that when the run time engine invokes the thread object, the appropriate image filter(s), animation methods, and transformation methods are called.

[0179] FIG 20 describes the web page transition animations, time line settings and technology utilized by the build engine (28 of FIG 3). When the panel's JavaScript detects a user selection of "Define" from the panel's "Webpage" menu, it draws the appropriate pop-up window and initializes the pop-up window's values for the current web page from its database at 138. Screen shot FIG 63 shows a visualization of one implementation of the "define the current

[redacted]

web page settings" pop-up window and the web page settings available to the user. In the implementation shown, the choices supported include:

1: The web page delay time (which is the delay, after the completion of the last object time line, to the loading of the next web Page).

2: The transition animation, which can include a random animation choice. This is the animation applied to the web page when it is loaded and to the previous web page as it departs.

3: The number of animation frames per second, which effectively is the resolution of the transition animation.

4: The number of animation frames, which effectively defines the time expected for the transition animation to complete.

5: The web page's background color. This setting will override the generic setting for the web site, defined in FIG 21a.

6: A web page boarder. This boarder, if selected, will also override the setting for the web site, defined in FIG 21a. The boarder can be drawn with a 3D effect, taking the background color, and applying a transformation so that, to the human eye, a lighter and darker shade of that color will be drawn appropriately to create a 3D effect.

7: The web page's background pattern. This setting will override the generic setting for the web site, defined in FIG 21a.

[0180] The panel's JavaScript updates its database at 139. The panel's JavaScript code then calls the appropriate build engine method, passing the necessary data and status values as function call arguments. The build engine updates its internal database and sets the necessary feature flags (See FIG 8.). The web page time line is synchronized with its object time lines by an appropriate build engine method at 140. The web page's appearance delay and transition settings are integrated into the web page time line. Thereafter, a single-level object thread definition is created. Values are set at 141 so that when the thread object is invoked by the run time engine, the appropriate animation methods and object time line threads are called. Again, the run time technology behind web page transition animations and web page time lines is described in greater detail below in association with FIG 31 through FIG 35.

[0181] FIG 21a describes the file operations supported by the build engine (29a of FIG 3). In one implementation, the file operations supported include:

[redacted]

1: "Save" at 142 or "Save As" at 143. If the selection from the panel's "File" menu is to "Save" as a web page, the current browser screen height percentage value is sent to the build engine. The build engine updates its internal database and the build process is completed. Thereafter, the run generation process is executed. (See FIG 24 through FIG 27.) If the selection is to "Save As" a template for the run generation process is also executed but the generated files are placed in the template directory. If the selection is to save as a banner or custom application, those absolute screen dimensions are sent to the build engine and its internal database is updated and the run generation process is executed.

2: "New" at 144. A test is made by the panel's JavaScript code to see if any user input has been processed and not saved. If so, the user is asked whether this data should be saved. If so, and if the selection is to "Save" as a web page, the build process is completed and the run generation process is executed as described above. If the selection is to "Save" as a template the run generation process is executed but the generated files are placed in the template directory as described above. The panel's JavaScript code then reinitializes its database and calls a build engine method that reinitializes the build engine database.

3: "Close" at 145. A test is made by the panel's JavaScript to see if any user input has been processed and not saved. If so, the user is asked whether this data should be saved. If so, and if the selection is to "Save As" a web page, the build process is completed and the run generation process is executed. If the selection is to "Save As" a template the run generation process is executed but the generated files are placed in the template directory. The panel's JavaScript then terminates the build process.

4: "Open" at 146. A test is made by the panel's JavaScript to see if any user input has been processed and not saved. If so, the user is asked whether this data should be saved. If so, and if the selection is to "Save As" a web Page, the build process is completed and the run generation process is executed. If the selection is to "Save As" a template the run generation process is executed but the generated files are placed in the template directory. The panel then initiates the dynamic web page resizing technology as described in FIG 22 below for the open re-initialization mode.

[redacted]

5: "Apply" at 147. A template is applied to the existing web site that is being processed by the build engine. The web page and style record definitions of the template replace those of the existing web site. The web page objects of the template are added to the web page objects of the existing web site.

6: "Web Site at 148. The web designer can define settings that will be applied to all web pages in the web site. In one implementation, the web site applications supported include:

a: web page. The web page height can be set, as a percentage, larger than the browser window for long vertically scrolled web pages.

b: Standard banner sizes.

c: Custom. (The user can define any arbitrary web page size and resolution)

[0182] Screen shot FIG 63 shows the generic web site setting choices presented to the user in one implementation of the invention.

[0183] FIG 21b describes the view operations supported by the build engine (29a of FIG 3). In one implementation, the file operations supported include:

1: "Normal" at 149a. This is the default file mode in which the interface and the build engine are processing user input as described in FIG 5 through FIG 23 above.

2: "Preview" at 149b. The build engine runs the web site off its internal database. The web site will perform in an identical manner as if it had gone through the entire run generation and run time process, but it is being executed on the web designer's computer.

3: "Play" at 149c. The build engine runs the web site off an external database in a separate browser window. The web site will perform in an identical manner as if it had gone through the entire run generation and run time process, but it is being executed on the web designer's computer.

4: "Zoom" at 149d. The dynamic web page resizing technology (see FIG 22 below) is first executed. When the engine is fully reinitialized, and the engine has gone to the current web page, the page and all its objects are drawn to the scale as defined by the zoom level. All object coordinates and sizes are automatically scaled appropriately because they are always defined with virtual screen values, even when the web page is being draw in the "normal" view.

[redacted]

[0184] FIG 22 describes the dynamic web page resizing technology supported by the build engine. If a user selection of the "Open" command from the "File" menu is detected by the panel at 500, the panel calls an engine method to read selected contents from that web site's external database file.

[0185] In one implementation of the invention at 506, the engine reads the web page width and length fields, as well as the background color or background image definition for the first web page of the Web Site. The engine then creates a build engine HTML definition file based on these specifications, and writes this file either to the local disk or the server, depending upon the origination of the build tool.

[0186] At 502, if a user completion event occurs inside the web site JavaScript pop-up window, which had been activated when the user selected the "Web Site" command from the "File" menu, the panel determines if the web site page size has been changed. If so, the panel calls an engine method for processing.

[0187] Similarly, at 504, if a user selection of a "Zoom" command from the "View" menu is detected by the panel at 504, the panel also calls an engine for processing.

[0188] In both the cases at 502 or 504, in one implementation of the invention, the engine writes out a checkpoint record at 508 that is similar to that of a "Websitename".dta " database file (See FIG 24). But is given the temporary checkpoint Websitename. The engine then creates a build engine HTML definition file based on these specifications, and writes this file either to the local disk or the server, depending upon the origination of the build tool.

[0189] In one implementation of the invention at 510 the engine terminates itself, by stopping all of its threads. Meanwhile the interface writes out four cookies onto the local disk which define the following:

1: The re-initialization mode. (Either Open or Checkpoint).

2: The current web page number when the resizing event occurred.

3: The Web Site Name. (The checkpoint name if in checkpoint mode)

4: The zoom level.

[0190] The interface then terminates itself by executing the JavaScript "parent.location.href" command, which causes the build engine parent HTML frame file (PFF) to be reloaded (See FIG 5).

[redacted]

[0191] In one implementation of the invention at 512 the re-initialization process begins. The PFF cause both the panel and the build engine to be reloaded and activated. The panel then reads the mode cookie. If the mode is either open or checkpoint, the interface reads the web site name, page number and zoom level cookies, then resets the mode cookie to the initialize state for subsequent operations. The interface then calls an engine method to read the external database, and then to return the necessary values from that database in order to update the interface's database. Finally the engine calls two engine methods in order for the engine to go to the correct current web page and draw that page at the now current zoom level. Normal processing can then resume.

Run Generation Process

[0192] FIG 24 through FIG 27 describe the run generation process. This process starts when the build process detects that the user is finished defining the web site (user has saved the web site and invokes the run generation process), and concludes with the actual uploading of all the necessary web site run time files to the user's server.

[0193] FIG 24 describes the techniques employed by the build engine for the creation of the external database, and the security and optimization techniques that support this process (30 of FIG 4).

[0194] When the panel's JavaScript Code detects a user selection of "Save" or "Save As" from the panel's "File" menu, it draws the appropriate pop-up window and initializes the pop-up window's values for the current web page size as had been defined at FIG 5 and passed to the build engine. The panel's JavaScript in the "save the web page/template" pop-up window detects a user completion event at 150 (i.e., the designation of a user's web site name followed by the enter key), and calls the appropriate panel JavaScript function. More specifically, after completing the appropriate validity checks, the function calls the appropriate JAVA build engine method, passing as a function call argument the user defined "Websitename". The build engine method checks for the existence of a "Websitename".dta file, and, if so, posts that result into a poll-enabled method return value. The poller checks that value, and if set to true, calls a JavaScript function which draws a pop-up window asking the user to confirm whether the existing web site definition should be overwritten or not. This JavaScript function also calls an

[redacted]

appropriate build engine method to reset the return value to false in order to be initialized for the next possible "Save" operation.

[0195] Once this verification process is completed the build engine begins the external database creation process at 151, which will vary depending upon the security manager of a given browser at 152. See FIG 5 for a detailed description of the browser security manager alternatives. If the browser's security manager allows for local disk file creation, the build engine calls a method, which asserts the necessary security policy permissions to create and write a file. If not, the build engine calls the necessary method to create and write a file on the user's server.

[0196] The external database contains, as its first record, a "Header" record, which contains can include the following information:

1: A file format version number, used for upgrading database in future releases.

2: The default screen resolution, in virtual pixels, for both the screen width and height. This is usually set to the web designer's screen resolution, unless overwritten by the user at FIG 5.

3: Whether the application is a web site.

4: Virtual web page size settings. A calculation is performed by the build engine method, in order to calculate what the maximum web page length is, after reformatting all paragraphs on all internal web pages, based on the default screen resolution.

5: Web page and styles high watermarks.

6: The Websitename.

[0197] The header records are written at step 153.

[0198] During the build process, as new web pages or new objects are created by the user, or as text is added to or deleted from a paragraph, or as new styles are created or deleted, appropriate high watermarks are set, in order to show the current number of each of these entities. Thus, at 154, the values for the number of active web pages and the number of text button, image, paragraph or other styles are written as high watermarks in the header. The high watermarks for the number of text button, image, paragraph or other objects that exist for each web page, the number of lines for each paragraph object, and the number of line segments for each paragraph line are written within the body of the external database as described at 156, and used as settings for each of the loops in the four-dimensional data structure. Because no

[redacted]

structural limits are set on the number of web pages, objects per web page, styles, or paragraph size, these high watermarks greatly reduce the external database file size, and the time it takes for the run time engine to process the data stored in its database.

[0199] The settings for all paragraph, text button and image styles are then written as a style record at 155 based on their high watermark. This data includes Boolean and integer variables, and font and color objects, written as a one-dimensional array, based on the high watermark values for the number of styles that exist. The font and color objects are serialized as is discussed in greater detail below (See 159 below).

[0200] The body of the external database is then written at 156. All Boolean values are written inside a four-dimensional loop at 157. The outside loop contains the Boolean values used to define web pages (i.e. a one-dimensional array definition) as well as the high watermarks for the number of text button, image, paragraph or other objects per web page, with the loop set at the high watermark which defines the number of existing web pages for this web site structure. The second level consists of three or more two dimensional loops with the loops set to the high watermarks defining the actual number of text button, image, and paragraph or other objects that appear on any given web page and contains the values used to define web page objects ((i.e. a two-dimensional array definition; web page number by object number). Included within the loop for paragraph objects are the high watermarks for the number of lines for each paragraph object. The third loop is set by the high watermark defining the actual number of paragraph lines that for all paragraphs on any web page and contains the values used to define paragraph lines (i.e. a three-dimensional array definition; web page number by object number by paragraph line.) Included within the loop for paragraph lines are the high watermarks for the number of line segments for each paragraph line. The inner most loop is set by the high watermarks defining the number of line segments per paragraph line and contains the values used to define paragraph line segments (i.e. a four-dimensional array definition; web page number by object number by paragraph line by paragraph line segment.).

[0201] All integer values are written inside a four-dimensional loop at 158. Their four loops are controlled by the same high watermark settings as used for the Boolean records, and they describe the same logical entities.

[0202] Multimedia objects are written inside a two-dimensional loop at 159. They include URL, color, and font objects, and can include other types of objects. A URL object is

[redacted]

the encoded form of a URL Address, used by a browser or a JAVA method to access files and web addresses. All multimedia objects must be serialized before they can be written. This means that the objects are converted into a common external definition format that can be understood by the appropriate deserialization technique when they are read back in and cast into their original object structure. The outside loop contains web page related objects, and the inner loop contains image, text button, paragraph, etc. related URL, color, and font objects. The outer loop is defined by the web page high watermark and the inner loops by the high watermarks for the actual number of text button, image, paragraph or other objects on a web page.

[0203] String records are written inside a four-dimensional loop at 160. The outer loop may be empty. The second loop can include the string values for text button objects, audio and video filenames, and audio and video channel names. The third loop contains values for paragraph line related data, and the innermost loop contains the values for paragraph line segment definitions. The string records are controlled by the same high watermarks as those used for Boolean and integer records. String records are stored utilizing an appropriate field delimiter technology. In one implementation, a UTF encoding technology that is supported by JAVA is utilized.

[0204] Single and double floating-point, and long integer records are written inside a two-dimensional loop at 161. The outer loop may be empty. The inner loop contains mathematical values required for certain animations and image processing algorithms. The single and double floating-point, and long integer records are controlled by the same high watermarks as those used for Boolean and integer records.

[0205] FIG 25 describes the techniques used to create a customized and optimized run time engine by the build engine (31 of fig 4). A versionizing program analyzes the feature flags, and only those variable definitions, defined in the "Main" object class, relating to the object classes and methods that will be executed at run time, are extracted at 162. All references to object classes that will be called at run time are extracted, creating the source code for the run engine "Main" object class that is ready for compilation at 163.

[0206] All external image, video and audio files are resolved at 164. The external references can be copied to designated directories at 164, either on the user's local disk or file server. The file Pathnames can be changed to reflect these new locations. During the installation of the build tools, the necessary class libraries from Sun, Microsoft and Netscape are either

[redacted]

installed on the local system (See FIG 5) or made available on the server where the build tools can be optionally located. The necessary environmental variables are set to permit normal access to the required class libraries.

[0207] The customized run engine and a library of the referenced run time classes are compiled and converted into byte code at 165. Finally, the run time engine for the web site is created at 166. The required set of class objects required at run time is flagged for inclusion into the CAB/JAR file (See FIG 27).

[0208] FIG 26 shows the techniques used to create the HTML Shell File (HSF) (32 of FIG 4).

[0209] The first step of the process at 167 is to determine whether the dynamic web page and object resizing is desired by testing the application setting, set by the user at FIG 21a, or possibly reset at FIG 24. If the application was a web page, and thus requiring dynamic web page and object resizing, virtual screen resolution settings, calculated at FIG 24 at 153, are placed in an appropriate HTML compliant string at 168. If the application is a banner or other customized application, the absolute values for the run time object (applet size) height and width are placed in an appropriate HTML compliant string as absolute width and height values at 169.

[0210] An analysis is made for the background definition for the first internal web page at 170. If a background pattern is defined, an appropriate HTML compliant string for setting the HTML "background" to the same background image is generated. If the first web page definition is a color instead, then the RGB values from those colors are converted to hexadecimal and an appropriate HTML compliant String is generated setting the "bgcolor" to the required hexadecimal value. This process synchronizes the web page background with the background that will be drawn by the browser when it first interprets the HSF.

[0211] Thereafter, a JAVA method generates HTML and JavaScript compliant strings, that when executed by a browser, generate additional sets of HTML and JavaScript compliant strings that are again executed by the browser. More specifically, if the application required dynamic web page and object resizing (See 167) then JavaScript and HTML compliant strings are generated at 171 so that, when interpreted by the browser at the time the HTML Shell File is initialized, the screen resolution sensing JAVA applet (SRS) will be executed. JavaScript code is generated at 172 in order to enable JavaScript to SRS applet communication. In one implementation, the code is generated by performing the following functions:

Petitioner's Exhibit 1011
Page 0308

Page 308 of 418

1: Determine the current browser type.

2: Load the SRS from either a JAR or CAB File, based on browser type.

3: Enter a timing loop, interrogating when the SRS is loaded.

4: When the SRS returns an "available" status, interrogate the SRS, which will return the current screen and window's actual height and width.

5: Convert the virtual screen resolution settings into appropriate absolute screen width and height values.

[0212] Strings defining additional JavaScript code are generated at 173 that perform the following steps at the time the HSF is initialized by the browser:

1: Generate HTML compliant strings that set the run time engine's applet size to the appropriate values.

2: Generate an HTML complaint string that contains a "param" definition for linking the run time engine to the External Database created at FIG 24.

3: Generate an HTML complaint string, dependent upon the type of browser, which causes the current browser to load either the JAR or the CAB File(s).

4: Generate JavaScript Code compliant strings that create and dynamically write the applet size defining HTML strings utilizing the JavaScript "document.write" function. This dynamically created code causes the browser to execute the run time engine, in the correctly sized window, from the correct JAR or CAB file, and linked to the external database.

[0213] At 174, writing out the above-generated HTML and JavaScript compliant strings creates the HSF. The necessary security policy permissions are asserted, and a "Websitename".html file is created.

[0214] FIG 27 describes the processes for creating the CAB and JAR Files (33a of FIG 4). The image objects, if any, which were defined on the first internal web page are analyzed at 175. If they are set to draw immediately upon the loading of the first web page, then they are flagged for compression and inclusion in the CAB and JAR Files. The feature flags are analyzed at 176 to determine which JAVA classes have been compiled (See FIG 25). These class files are flagged for compression and inclusion in the library CAB and JAR Files. Strings that are BAT

[redacted]

compliant definitions are created at 177 that will, when executed in DOS, create compressed CAB and JAR Files. These CAB and JAR Files contain the compressed versions of all necessary JAVA class files, image files, the "Websitename".class, customized run time engine file, and the "Websitename".dta database file. In one implementation of the invention, two BAT files are created. The first, when executed, will create a CAB/JAR file with the "Websitename".dta database file and the customized "main" run time engine, excluding all the image and button object animation, transformation, and image processing code. The second BAT file, when executed, will create a CAB/JAR file with all the library of all the referenced image and button object animation, transformation, and image processing code.

[0215] The necessary security policy permissions for file creation are then asserted, and "Websitename".bat and "Websitenamelib".bat files are written at 178. The "Websitename".bat and "Websitename".bat files are then executed under DOS, creating compressed "Websitename".cab and "Websitenamelib".cab files and compressed "Websitename".jar and "Websitenamelib".jar files at 179. The HTML Shell File and the JAR and CAB files are then, either as an automatic process, or manually, uploaded to the user's web site. This completes the run generation processes.

Run Time Process

[0216] The run time process is shown in FIG 28 through FIG 36.

[0217] FIG 28 shows the web page size generation technology utilized by the run time engine. A web surfer points a browser at the HTML shell file (HSF) at 180. The browser begins to interpret the HTML and JavaScript code in the HSF that was created (See FIG 26). The browser draws either the background color or background image pattern, as defined by the HTML complaint code (See FIG 26) at 170. The browser then executes the HSF's JavaScript initialization code, which "sniffs" the current browser at 181 to determine its type, and then generates the appropriate HTML code for that particular browser to interpret. This code defines whether the executable files and database will be extracted from inside a compressed CAB file or a compressed JAR file and its location.

[0218] Based on the user application (defined at FIG 21a, or possibly reset at FIG 24), the HSF at 182 will then execute an appropriate JavaScript function (as created in FIG 26 at 167). If the application required dynamic resizing of the web page's dimensions, JavaScript

[redacted]

code is called which generates HTML code using the JavaScript "document.write" function, which causes the SRS applet to be immediately executed by the browser at 183. The JavaScript code then goes into a timer loop, checking on when the SRS applet is alive before initiating any communication.

[0219] After detecting that the SRS has been initialized, a JavaScript function calls the appropriate SRS applet methods at 185, which return the width and height, in pixels, of the current browser window. JavaScript Code is then called which converts the screen resolution independent window width and height values into absolute pixel values. A JavaScript function is then called which use the JavaScript "document.write" function to generate HTML code that define the run time engine specifications, etc. (see FIG 26) and cause the browser to immediately execute the run time engine. If the application had not required dynamic resizing of the web page's dimensions, then a JavaScript function is called which generates HTML code using the JavaScript "document.write" function that defines the fixed dimensions for the web page size and cause the browser to immediately execute the run time engine at 184.

[0220] FIG 29 shows the techniques employed by the run time engine to read the external database and to generate the necessary web page objects (35 of FIG 4). The run time engine reads a "PARAM" value at 186, from HTML Code that was generated above (see FIG 26), which points to the "Websitename".dta external database that is compressed into the JAR or CAB File (that was loaded and accessed in FIG 28). The run time engine then initiates the read operation. In one implementation, the read technique is always non-privileged. If permitted by the current browser as a non-privileged operation, the "Websitename".dta file will be extracted and read from the CAB/JAR file residing in temporary local storage. If not, the run time engine will read the "Websitename". dta file directly from the server. The header record is read at 187. Any objects, such as fonts and colors, are cast into their original form. The high watermark values, as they are encountered in the header and in the body of the database, are immediately used for setting the limits for the subsequent multi-level read loops for reading in the style record and the web page(s) and object(s) definitions. The virtual screen resolution values are read for the subsequent dynamic resizing of the web page objects.

[0221] The style record is read based on its high watermarks, and processed at 188. The definitions for all paragraph, text button, image or other styles are read and stored for subsequent initialization and processing of all paragraph, text button, image or other objects. The data

[redacted]

representing the values for the first web page and all its objects is read at 189. The Boolean, integer, string and floating point fields for the first web page are initialized. The serialized multimedia objects for the first web page are read and cast into their final form. (See fig.24)

[0222] If external files, such as image, audio and video files, must be read as part of the first web page's generation, exception handling routines are executed at 190, as necessary, in the event of any processing errors. In one implementation, error recovery at this stage places the highest priority on a graceful operation cancellation, rather than a web page crash. In the worst case, a particular image, sound or video file may not be available to the web surfer. All other aspects of the web page will likely be available even in this error scenario.

[0223] Process step 191 is executed simultaneously with the generation of all the other web pages at 192 by means of multiprogramming utilizing thread technology. Thus the first web page will be drawn and active for user viewing and user interaction long before the data for all the other web pages have been read, processed, and initialized. The data representing the values for the subsequent web pages and all their objects are read at 192. The Boolean, integer, string and floating point fields for these web pages are initialized. The serialized multimedia objects for these web pages are read and cast into their final form. (See fig.24)

[0224] FIG 30 shows the scaling techniques employed by the run time engine for web page generation (36 of FIG 4). The first step in the scaling process is to calculate the coordinates that define the origin for the placement of each object for a given web page. (This is usually the upper left corner of the object, defined in actual screen pixels.) A test is made at 193 to determine if the centering attribute is set for the object. If not, the left and top coordinates are converted from the virtual screen values to the local screen values, based on the local screen window resolution at 194. In one implementation, multiplying the virtual coordinate by the local screen window resolution and dividing by the virtual screen resolution determine the conversion.

[0225] If the centering attribute is on, then a calculation for the object's width is performed. See processes 197, 198, and 199 below for a description of this calculation. Based on this calculated width, and based on the local screen window resolution, the left coordinate is calculated at 195. One algorithm that can be used is to subtract the screen width, as calculated in 197-199 below, from the local screen window resolution, and divide that result by 2. The top coordinate is calculated the same as in process 194 above.

[redacted]

[0226] Based on the object type, determined at 196, a different scaling technology is employed.

[0227] If the object is a text button object at 197, the text button object itself, including its background, is not scaled. The virtual width and the local screen width remain the same. However, if a 3D Frame effect is defined, it is scaled based on the following algorithm: if the text string's orientation is Left to Right, the inner width of the 3D Frame, and its placement relative to the text string, is calculated as the length of the text string, plus 1/8 of an "n" space on each side, plus an additional offset appended to the right of the inner width to compensate for the italic font style, if defined for the font of that text string. The italic offset can be defined as the font size for the text string, divided by 10, plus 1. The inner height of the 3D Frame can be defined as the font height plus 2 pixels. The font height equals the font's leading plus its ascent plus its descent specifications. The inner height origin can equal the text string origin. The style of the 3D effect (i.e., either a 3D raised look or a 3D depressed look), plus the inner width and height, is sent to a 3D frame build method for the construction of the 3D frame. The width of the 3D frame in pixels can be calculated as the inner width divided by 10 plus 3.

[0228] If the text string's orientation is vertical, the inner width of the 3D Frame is an "m" space. The inner height of the 3D Frame can be calculated as the font height times the number of characters in the text string. Both the left and top placement of the 3D frame can be set to the left and top origin of the text string. The width of the 3D Frame can then be calculated as the inner height divided by 10, plus 3.

[0229] If an animation is assigned to the text string, the font size used for the initial calculation of the 3D frame is the same as that used to define the animation's initialization value. If the object is a paragraph at 198, and the scaling attribute is on, the maximum width for the paragraph can be defined by the attached paragraph style (or paragraph override) as a percentage of the screen width. This screen width percentage can be converted into an actual width in pixels, based on the local screen's window resolution. If the current screen resolution is the same as that used by the web designer, then the paragraph line end values (just read from the external database) are used without adjustment, bypassing the entire paragraph reformat process. If the current screen resolution is different than that of the virtual screen resolution, then a very compact method of reformat is called (relative to the build engine reformat methods at FIG 6 and at FIG 18), and the text for the paragraph is reformatted based on this width.

[redacted]

[0230] The run time engine's reformat technology begins by creating one paragraph line for the entire text string assigned to the paragraph text area. All the style overrides are renumbered sequentially with the style records or the non-marked text strings ignored. A simplified "Overflow" reformat method can be called, which chops up the single paragraph line first into paragraph line segments, where each word is defined as a line segment. Because of the word oriented style override architecture, the style overrides have a one-for-one correspondence with the line segments. Each paragraph line break can be calculated by relying on the simplified word oriented style override technology described above. The paragraph line can be built inside a tight word-by-word loop, with a simple logic check for a style override or hard line break. The paragraph width is then derived as the width of the longest line of the reformatted paragraph, while the paragraph height is defined as the font height times the number of lines. If a 3D frame was defined for the paragraph, it can be scaled based on the following algorithm:

[0231] The inner width is defined as the same as that of a text string, but the width of the text string for the longest line is used. The same "n" space and italic offset calculations are used. The inner height is calculated as the font height times the number of lines plus 2 pixels.

[0232] If the object is a paragraph, and the scaling attribute is off, then the paragraph is treated the same as a text button object, with the only exceptions that there is no vertical orientation, and the height and width of the 3D frame, if defined, is calculated using the same algorithm as was used for the scaled paragraph above.

[0233] If the object is an image at 199, and the scaling attribute is on, the image width can be calculated as the virtual width times the local screen window width divided by the virtual screen width. The image height can be calculated as the virtual height times the local screen widow height divided by the virtual screen height. If the image had been resized or rotated, then the virtual width and height of the image would differ from that of that of the original image. If a 3D frame is defined for the image, it can be scaled based on the following algorithm:

[0234] The inner width and the inner height of the 3D frame will coincide exactly with the outer edges of the image, after the image had been scaled. Adding the scaled image height to the scaled image width and dividing the result by 40 and adding 3 can calculate the width in pixels of the 3D frame.

[0235] If an animation is assigned to the image, then the animation's initialization values for the image's width and height can be used to calculate and draw the initial 3D frame. The

coordinates and sizes for the backgrounds for text button, image and paragraph objects can be calculated using the same algorithms as was employed for the calculation and placement of the inner width and inner height for the 3d frame for each object.

[0236] FIG 31 through FIG 35 shows the multilevel web page and object thread technology employed by the run time engine. The description includes all the animation technologies, transformation technologies, time line technologies and drawing technologies that support this multilevel architecture.

[0237] FIG 31 describes the initial processes for the invention's multilevel web page and object thread technology employed by the run time engine (37 of FIG 4). Upon the completion of the processing of all the data definitions for the first internal web page (FIG 30), the main web page thread is created and executed. This causes the run method for the main run time engine class to be executed simultaneously with the reading, processing, and scaling of the data for the subsequent web pages (See FIG 29). In addition, the reading of any image files defined for the first web page is also performed simultaneously, under the control of an image observer (See FIG 12). The main run method enters a web page counter loop at 200, the loop being defined from the first internal web page to the high watermark that was set to the number of existing internal web pages for the web site.

[0238] A check is made at 201 to see if the current web page exists. If the web page does not exist, and the current web page number is less than that of the high watermark, then the web page counter is incremented by one and the web page counter loop is reentered. If the current web page number equals the high watermark at 202, then the web page counter is reinitialized to the first web page, so that the web page loop may repeat itself, from the first internal web page, depending upon the delay setting for the last web page.

[0239] A test is then made on all objects defined for this web page at 203, utilizing a loop whose range is defined by the number of objects per web page high watermarks. More specifically, within this universe of possible objects, if the object exists, and it is defined by a time line in which there is a delayed entrance, then a boolean flag is set for those objects that causes the draw system to suppress drawing these objects during the web page transition as defined below.

[0240] A test is then made to determine if the web page has a transition animation defined at 204. If not, the draw system is called for the first time. The draw system for a given

web page utilizes a loop whose range is defined by the number of objects per web page high watermarks. The draw system can also employ technology so that the draw process generates a screen image in one or more off-screen buffers, only drawing to the screen when the screen image, or the clipping area for the screen, has been fully generated. This greatly reduces, if not totally eliminates, any screen flicker, and creates visually smooth animation effects.

[0241] The first draw function is to draw the web page background into the primary off-screen buffer. The web page background color is drawn, as defined initially at FIG 21a, or modified for that particular web page at FIG 20. A test is then made to determine if the web page has a background image pattern, as defined initially at FIG 21a, or modified for that particular web page at FIG 20. If it does, and the image observer reports that the image is ready to be drawn, a background image draw loop is executed, defined by the height and width of the background image, and the screen resolution of the current browser window. In the unlikely event that the background image pattern is not yet available, there is a delay until the image observer reports the completion of the image processing operation. The tiled background image pattern is also drawn into the primary off-screen buffer, completely overdrawing the background color. The backgrounds for all non-suppressed (See 203) parent web page text button and paragraph objects are then drawn into the primary off-screen buffer, unless a background transparency flag has been set (See FIG 7).

[0242] The text strings for non-suppressed parent web page text button and paragraph objects are then drawn into the primary off-screen buffer. These text strings are drawn based on their font name, style, size, effect(s), and color. If a paragraph line string, the string may have multiple string segments, each with their own font name, style, etc. If the text button object has its vertical attribute set to true, then the draw system executes a loop defined by the number of characters defined in the text button object. The top and left origin coordinates were set in the usual way (See FIG 30), but the top coordinate is adjusted by the font height for each iteration of this draw loop. The intelligent 3D Frame, if defined, is then drawn into the primary off-screen buffer for the paragraph and text button objects (See FIG 30). The primary image objects for the web page are then processed by the draw system. If the image observer reports that the image is ready to be drawn, it is drawn into the primary off-screen buffer, based on the coordinates and size as defined in FIG 30. If not ready, there is a delay until the image observer reports the

[redacted]

completion of the image processing operation. The Intelligent 3D frame, if defined, is then drawn into the primary off-screen buffer for the image objects (See FIG 30).

[0243] The draw system is responsive to two other technologies at this stage. The first is user interaction based on the location of the mouse cursor and any user initiated mouse event. This subject will be described in greater detail below in association with FIG 36. The second is object animation for non-delayed web page objects. This subject will be described in greater detail below in association with FIG 33.

[0244] If the web page transition test at 204 was true, then the run time engine's main run method executes the web page transition animation technology at 205.

[0245] FIG 32 describes the web page transition animation technology. First a lock is placed on this method at 212, as a safety precaution to prevent any interference from other threads during the animation. A test is then made on whether the transition animation setting (See FIG 20) for the web page is random at 213. If so, a random transition number is generated at 214. The web page thread then begins a particular animation loop at 215, depending upon the random number that was generated at 214 or by the transition animation that was set previously (at FIG 20). In one implementation, 13 different transition animations plus random are supported including. They are: Fade In, Zoom In, Zoom Out, Zoom to Upper Left, Zoom to Lower Right, Rotate to the Left, Rotate to the Right, Rotate Bottom to Top, Rotate Top to Bottom, Slide to the Left, Slide to the Right, Slide Bottom to Top, and Slide Top to Bottom.

[0246] For all web page transition animations, the X and Y animation increment values are calculated by dividing the current browser's screen width and height by the user defined animation resolution at 215. In all animation and draw loops, the number of loops can equal the number of animation frames as set at FIG 20. The timer delay for all animations, in milliseconds, can be calculated by dividing the number of frames per second (See FIG 20) into 1,000.

[0247] For a description of "Fade In" Technology see FIG 33. A "Zoom In" algorithm sets the initial scaled width and height for the current web page image to zero and the prior web page image to its full size. In each animation and draw loop the previous web page's final image state is drawn into a secondary off-screen buffer at 216. (If this is the first occurrence of the first web page, then the secondary off-screen buffer is set to the background of the first web page.) The upper left hand corner (origin) of the current web page can be calculated based on the following formula: browser screen width minus the scaled width divided by two.

[redacted]

[0248] The scaled image of the current web page is then drawn into the secondary off-screen buffer at the calculated origin, using the current scaled width and height for the web page image. This merged image of the prior and scaled version of the current web page is then drawn to the screen.

[0249] A timer delay then occurs as defined at 215, after which the X and Y animation increment values are added to the scaled width and height for the current web page image. The animation loop is then repeated to its conclusion at 218.

[0250] The other eleven web page transition animations follow a similar methodology, but have quite different calculations, which are based on the following variables:

1: Order of drawing of the prior and current web pages.

2: Initialization values for the X and Y origin coordinates for the current and prior web pages.

3: The initial values for the scaled width and height for the current and prior web pages.

4: Whether X and Y origin coordinates for the current and prior web pages increment, decrement, or remain the same.

5: Whether the values for the scaled width and height for the current and prior web pages increment, decrement, or remain the same.

[0251] For the "Zoom Out" animation, the current page is drawn first and always drawn at 100%. The prior web page is initialized also at 100%, but its X and Y origin coordinates are incremented and its scaled width and height values are decremented, by the appropriate values, for each animation iteration.

[0252] For the "Zoom to Upper Left", "Zoom to Lower Right", "Rotate to the Left", "Rotate to the Right", "Rotate Bottom to Top" and "Rotate Top to Bottom" animations, a common data initialization and data increment strategy is implemented.

1: The X and Y variables for page image one is set to zero.

2: The X and Y variables for page image two is set to the right and bottom edges of the browser window.

3: The scaled width and height variables for page image one is set to 100% of the browser window's resolution.

4: The scaled width and height variables for page image two is set to zero.

Petitioner's Exhibit 1011
Page 0318

Page 318 of 418

5: For each loop iteration, the scaled width and height variables for page image one are decremented by the X and Y animation increment values defined at 215.

6: For each loop iteration, the scaled width and height variables for page image two are incremented by the X and Y Animation increment values defined at 215.

[0253] For the "Zoom to Upper Left" animation, the prior web page is drawn first; with its X and Y origin coordinates always set to zero. (upper left corner of the browser window) Its scaled width and height values are always set to the current values for scaled width and height variables for page image one. The X and Y origin coordinates for the current web page can be calculated by subtracting the current values of image two's scaled width and height variables from the initial values of the X and Y variables for page image two. The scaled width and height values for the current web page can be set to the current values for the scaled width and height variables for page image two.

[0254] For the "Zoom to Lower Right" animation, the current web page is drawn first; with its X and Y origin coordinates always set to zero. Its scaled width and height values are always set to the current values for scaled width and height variables for page image two. The X and Y origin coordinates for the prior web page are set to current values of image two's scaled width and height variables. The scaled width and height values for the prior web page are set to the current values for the scaled width and height variables for page image one.

[0255] For the "Rotate to the Left" animation, the prior web page is drawn first; with its X and Y origin coordinates always set to zero. Its scaled width value is set to current value of image one's scaled width variable. Its scaled height value is always set to the bottom of the browser's window. The X origin coordinate for the current web page can be calculated by subtracting the current value for image two's scaled width variable from the initial value for image two's X origin coordinate. The Y origin coordinate for the current web page is always set to zero. Its scaled width value is set to current value of image two's scaled width variable. Its scaled height value is always set to the bottom of the browser's window.

[0256] For the "Rotate Bottom to Top" animation, the prior web page is drawn first; with its X and Y origin coordinates always set to zero. Its scaled width value is set to the width of the browser window. Its scaled height value is set to current value of image one's scaled height variable.

Petitioner's Exhibit 1011
Page 0319

Page 319 of 418

[0257] The current web page's X origin coordinate is always set to zero. The Y origin coordinate is calculated by subtracting the current value of image two's scaled height variable from the initial value for image two's Y origin coordinate. Its scaled width value is always set to the right edge of the browser's window. Its scaled height value is set to current value of image two's scaled height variable.

[0258] For the "Rotate Top to Bottom" animation, the current web page is drawn first; with its X and Y origin coordinates always set to zero. Its scaled width value is set to the width of the browser window. Its scaled height value is set to current value of image two's scaled height variable.

[0259] The prior web page's X origin coordinate is always set to zero. The Y origin coordinate is set to the current value of image two's scaled height. Its scaled width value is always set to the right edge of the browser's window. Its scaled height value is set to current value of image one's scaled height variable.

[0260] For the "Slide to the Left", "Slide to the Right", "Slide Bottom to Top" and "Slide Top to Bottom" transition animations, a common data initialization and data increment strategy is implemented. The strategy includes:

1: The X and Y variables for page image one is set to zero.

2: The X and Y variables for page image two is set to the right and bottom edges of the browser window.

3: For each loop iteration, the X and Y variables for page image one are incremented by the X and Y animation increment values defined at 215.

4: For each loop iteration, the X and Y variables for page image two are decremented by the X and Y animation increment values defined at 215.

5: The scaled width and height values always remain at 100% of the browser windows width and height.

[0261] For the "Slide to the Left" animation, the prior web page is drawn first; with its X and Y origin coordinates always set to zero. The current web page's X origin coordinate is set to the current value of page image two's X variable. Its Y origin coordinate is always set to zero.

[0262] For the "Slide to the Right" Animation, the current web page is drawn first, with its X and Y origin coordinates always set to zero. The prior web page's X origin coordinate is set to the current value of page image one's X variable. Its Y origin coordinate is always set to zero.

[redacted]

[0263] For the "Slide Bottom to Top" animation, the prior web page is drawn first; with its X and Y origin coordinates always set to zero. The current web page's Y origin coordinate is set to the current value of page image two's Y variable. Its X origin coordinate is always set to zero.

[0264] For the "Slide Top to Bottom" animation, the current web page is drawn first; with its X and Y origin coordinates always set to zero. The prior web page's Y origin coordinate is set to the current value of page image one's Y variable. Its X origin coordinate is always set to zero.

[0265] After the last animation cycle is completed for any of the transition animations at 218, the animation process is unlocked, and process step 206 shown in FIG 31 is then executed.

[0266] Returning to FIG 31, the main web page thread's run method then executes a text button and image object time line, transformation and animation loop at 206. This range loop is defined from the first object on the given web page to the high watermark for the number of those objects on a web page for this web site. A test is made on each object on whether an animation, transformation and/or time line has been assigned at 208.

[0267] If so, an "instance" of the time line class for that particular object type is created at 209. An "instance" of a class is a fundamental aspect of object oriented programming (OOP). Each time, the line class is implemented with a "runnable" interface, so that they can be executed as independent threads. Communication of data, between the "instance" of a class and the main run engine class can be accomplished in OOP using several different techniques. In one implementation, this construction, passed as an argument, is used to permit different objects to address each other's variables and databases. A thread is then created, utilizing a two-dimensional object internal database architecture (web page number by internal object number). This methodology is convenient for permitting all object time lines for a given web page to be managed and synchronized. The object's thread is then "started".

[0268] The result of this process at 209 is that an independent thread has been created for each appropriate object on a given web page, all executing simultaneously with each other and with the main run time engine web page thread, subject to the definitions of their independent time lines at 210. See FIG 33 for a description of the time line technology. When the main web page thread has finished the text and image loop at 207, the draw system is activated; the run

[redacted]

time engine can now respond to user interactions, and the main web page thread transitions into a "Join" loop at 211. See FIG 35 for a description of this process.

[0269] FIG 33 shows the time line technology used by the run time engine. The techniques and algorithms employed to create this technology permit each web page object to have an independent yet synchronized existence with each other, with the main web page thread, and with child objects that each main or parent object may spawn. Furthermore, each object and each of their child objects are capable of performing multiple animations and transformations, either serially or simultaneously. Database initialization is first accomplished for each object thread. This assures that the object thread's database is set to the correct initial values as required for that particular object, and that the references to the main web page thread's database are established.

[0270] A test is then made to determine if the object has a time line definition assigned to it at 219.

[0271] If not, a test is made at 220 on certain two-dimensional object definition variables in order to determine which of the following four states have been defined for the object: animation without a transformation; transformation without animation; animation, with the transformation occurring simultaneously with the animation; and animation and transformations occurring in a serial manner.

[0272] If the test shows that the object has an animation defined, but no transformation, then certain two-dimensional status variables are set, and an "instance" of the "animation class" for that particular object type is created at 229. Each "animation class" is also implemented with a "runnable" interface. An object animation thread is then created, utilizing the two-dimensional object internal database architecture (See FIG 8). This object animation thread is then "started". Communication between the object animation thread, the parent time line thread, and its parent, and the main web page thread, are accomplished as discussed in process 209. The object time line thread then executes a "Join" method. This puts the object time line thread in a "wait state". When the thread it is waiting for is completed, this child thread "joins" the parent object time line thread, and the object time line thread then continues its process. Other forms of synchronization between two independent threads could have been implemented as is known in the art.

[redacted]

[0273] The techniques employed at 229 to implement object animation vary by object type. In one implementation, for text button object animations, 26 different animations are supported including: Zoom In, Zoom Out, Grow NW, Grow NE, Grow SE, Grow SW, Shrink SE, Shrink SW, Shrink NW, Shrink NE, Enter N, Enter NE, Enter E, Enter SE, Enter S, Enter SW, Enter W, Enter NW, Exit N, Exit NE, Exit E, Exit SE, Exit S, Exit SW, Exit W and Exit NW. In one implementation, for image object animations, 29 different animations are supported including: Fade In, Fade out, Rotate, Zoom In, Zoom Out, Grow NW, Grow NE, Grow SE, Grow SW, Shrink SE, Shrink SW, Shrink NW, Shrink NE, Enter N, Enter NE, Enter E, Enter SE, Enter S, Enter SW, Enter W, Enter NW, Exit N, Exit NE, Exit E, Exit SE, Exit S, Exit SW, Exit W and Exit NW.

[0274] As discussed above with regard to FIG 17, each animation type has a defined speed, resolution, and number of animation cycles. These settings are stored in the main web page class, and are passed to the particular animation thread through a two-dimensional object internal database architecture as discussed in process step 209 above during the animation thread's initialization process. The animation thread then executes, in its run method, a main animation loop that has the number of iterations set to the end number of animation cycles, as assigned to that particular text button object.

[0275] Text button animations are currently implemented in three logical groups. Group One includes "Zoom In", "Grow NW", "Grow NE", "Grow SE", and "Grow SW". Group Two includes "Zoom Out", "Shrink SE", "Shrink SW", "Shrink NW", and "Shrink NE". Group Three includes "Enter N", "Enter NE", "Enter E", "Enter SE", "Enter S", "Enter SW", "Enter W", "Enter NW", "Exit N", "Exit NE", "Exit E", "Exit SE", "Exit S", "Exit SW", "Exit W" and "Exit NW".

[0276] For Group One text button animations, the animation font size is initialized at a very small value, and in one implementation is set at 4 Points. The animation point size increment can be derived by dividing the resolution (number of animation frames) into the font size for that text button object. The run method then executes a secondary animation loop, which will terminate when the animation font size equals the text button object point size. For each secondary animation loop, the length of the current animated text string is calculated, a new font object is created for the current animation point size, and the font metrics for that new font are created. If the text button object has a vertical orientation, the animated text button object's

Petitioner's Exhibit 1011
Page 0323

Page 323 of 418

width is calculated to be the width of an "m" space, in the current animated font. The animated text button object's height is calculated to be current animated font height times the number of characters in the text string. If the text had a horizontal orientation, the animated text button object's width is calculated to be the width of the text string in the current animated font. The animated text button object's height can be calculated to be the font height of the current animated font. The calculations for X and Y coordinates for the animated text button object depend upon which animation was defined within the Group One-text button animations. The X and Y animation increments can be calculated utilizing the height and width, in pixels, of the text button object scaled to the current browser's window, utilizing the text button animation resolution, and considering whether the animating text button object is being centered during the animation ("Zoom Out") or not. These calculations are similar to those for the web page transition animations discussed with regard to FIG 32.

[0277] The draw system is then called. Based on the values of the two-dimensional status variables that had been set initially, the draw system executes the appropriate animation draw routine utilizing, through the data communication techniques already discussed, the current animation font point size, and the current animation X and Y coordinates. If a text background is to be drawn, the same algorithm as defined in FIG 31 is used. If a 3D Frame is assigned, the current animated string width and height are passed to the appropriate 3D frame generation method, and the frame is drawn with the same algorithm as defined in FIG 31, but utilizing the current animation X and Y coordinates. The text button object's orientation is also handled by the draw system with the same algorithms as defined in FIG 31.

[0278] The text button animation thread then executes a timer delay, whose value had been defined in FIG 17. When the timer reactivates the text button animation thread after the appropriate delay, an animation cycle completion test is made to see if the text button object's point size minus the animation point size is less than the animation point size increment. This type of testing methodology permits the invention to utilize integer values, as opposed to floating point values, for the text button animation. This improves the execution of the animation considerably.

[0279] If the above test is true, the animation point size is set equal to the object point size and a final call is made to the draw system for that animation cycle. A test is then made to see if the current animation cycle equals the total number of animation cycles as defined in FIG

17. If not, a new animation cycle is initiated, with the animation values reinitialized. If this was the last animation cycle the text button animation thread calls its "stop" method, which sets the required status variables as appropriate, then terminates itself. This causes the parent text button time line thread to be reactivated through the "join" mechanism.

[0280] If the results of animation cycle completion test are false, the current animation point size is increased by the animation point size increment. A new font object is created for the now current animation point size, and new font metrics for that new font are created. If the text button object has a vertical orientation, the animated text button object's width is calculated to be the width of an "m" space, in the now current animated font. The animated text button object's height is calculated to be the now current animated font height times the number of characters in the text string. If the text has a horizontal orientation, the animated text button object's width is calculated to be the width of the text string in the now current animated font. The animated text button object's height is calculated to be the font height of the now current animated font. The calculations for the new X and Y coordinates for the animated text button object are then completed, as appropriate, and the draw system is called again.

[0281] The algorithms for Group Two text button animations are very similar to those of Group One. The differences are just in what are the initial animation values, and whether the animation point size increments and the animation X and Y coordinate increments are added or subtracted from the then current animation point size and the then current X and Y coordinates for the animating text button object.

[0282] For Group Three text button animations, the distance that the text button animation will move is calculated, in pixels, from its initial location to its final location in the current browser window. The X and Y animation increments are calculated by dividing that distance by the resolution of the text button animation. All the other algorithms for Group Three text button animations are generally a subset of those for Group One, and similar to the web page slide transition animations defined with reference to FIG 31.

[0283] Referring again to FIG 33, image animations at process step 229 can currently be grouped into five logical classes. As with text button animations, Group One includes "Zoom In", "Grow NW", "Grow NE", "Grow SE", and "Grow SW". Group Two includes "Zoom Out", "Shrink SE", "Shrink SW", "Shrink NW", and "Shrink NE". Group Three includes "Enter N", "Enter NE", "Enter E", "Enter SE", "Enter S", "Enter SW", "Enter W", "Enter NW", "Exit N",

Petitioner's Exhibit 1011
Page 0325

Page 325 of 418

"Exit NE", "Exit E", "Exit SE", "Exit S", "Exit SW", "Exit W" and "Exit NW". In addition, image animations have a Group Four, which includes "Fade In" and "Fade Out". Group 5 image animations include the "Rotate" Animation.

[0284] For Group One mage animations, the animation width and height increments are calculated by dividing the image object's width and height by the resolution (number of animation frames) as set in FIG 17. The initial animation width and animation height values are set to a very small number, currently equal to the animation width and height increment values just calculated. The calculations for X and Y coordinates for the animated image object depends upon which animation was defined within the Group One text button animations. The X and Y animation increments are calculated utilizing the height and width, in pixels, of the image object scaled to the current browser's window, utilizing the image animation resolution, and considering whether the animating image object is being centered during the animation ("Zoom Out") or not. These calculations are similar to those for the web page Transition Animations discussed above with regard to FIG 32.

[0285] The run method then executes a secondary animation loop, which will terminate when the animation width equals the image object's width. The algorithms employed by the invention to change the animating object's height, width, X coordinate, and Y coordinate are very similar to those employed for Group One text button animations, and will not be repeated here. The techniques to utilize the draw system for drawing the image animation, the time delay technique, and the post draw logic tests and actions are also very similar.

[0286] The algorithms for Group Two image animations are very similar to those of Group One. The differences are just in what are the initial animation values, and whether the animation width and height increments and the animation X and Y coordinate increments are added or subtracted from the then current animation width and height and the then current X and Y coordinates for the animating image object.

[0287] For Group Three image animations, the algorithms are identical to those of Group Three text button animations. For Group Four image animations, the "alpha" value of a given image object is utilized in order to implement "Fade In" and "fade Out" animations. The alpha value can range from 0 to 255, depending upon the image strength desired. The value for an alpha animation increment variable can be calculated by dividing the resolution of the animation into 255, after making the necessary adjustments to keep the data in integer form, without losing

Petitioner's Exhibit 1011
Page 0326

Page 326 of 418

resolution due to integer rounding errors. For a "Fade In" animation the value of an alpha animation variable is set to zero. The run method then executes a secondary animation loop, which will not terminate until 255 minus the then current value of the alpha animation variable is less than the value alpha animation increment variable. A "Fade In" image filter can be created for each iteration of the animation loop, using the current setting of the alpha animation variable. An image producer can also be created with pointers to the last image bitmap produced for the image object in the last animation loop and to the image filter that has just been created. The image producer, under the control of a media tracker then creates a new image bitmap. The animation thread then "waits" for the completion of this image-processing event using the media tracker. Upon completion, the draw system is called which draws the then current state of the image object. The image animation thread goes into a timer delay of some preset value (in one implementation 500 milliseconds), to permit a smooth visual animation effect. The value for the alpha animation increment is added to alpha animation variable and the loop is then repeated until the loop condition is met. Then the "stop" method is called, certain status variables are set, and the image animation thread terminates itself. This causes the parent image time line thread to be reactivated through the "Join" mechanism.

[0288] The "Fade Out" animation employs very similar technology, except that:

1: the alpha animation variable is set to zero,

2: the value for the alpha animation increment is subtracted, and

3: the loop termination test is when the value for the alpha animation variable is less than the value for the alpha animation increment.

[0289] For the Group Five image rotate animation, a different bitmap for the image object is created for each animation frame through the use of a progression of standard geometrical transformations on the original image bitmap. A secondary animation loop is then executed as defined by the number of animation frames. In each loop iteration, an image object is created from an appropriate image bitmap selected from among the set just created, the necessary two-dimensional variables are set to communicate with the draw system, and the draw system is then called. The image animation thread then executes a timer delay method based on the delay setting as defined above with reference to FIG 17. When the timer reactivates the image animation thread after the appropriate delay, the next iteration of the secondary animation loop is repeated until the loop condition is met. Then the "stop" method is called, certain status

Petitioner's Exhibit 1011
Page 0327

Page 327 of 418

variables are set, and the image animation thread terminates itself. This causes the parent image time line thread to be reactivated through the "join" mechanism.

[0290] Returning to process step 220 shown in FIG 33, if the object had a transformation, but not an animation, then certain two-dimensional status variables are set, and an "instance" of the "transformation class" for that particular object type is created at 228. Each "transformation class" is also implemented with a "runnable" interface. An object transformation thread is then created, utilizing the invention's two-dimensional object internal database architecture. This object transformation thread is then "started". The inter-thread communication technology and the "join" technology employed for object transformations is the same as for object animations.

[0291] If the transformation is being applied to a text button object at 228, then a timer delay method is executed based on the delay setting as described in association with FIG 18. When the timer reactivates the text button transformation thread after the appropriate delay, the appropriate two-dimensional status variables are set to inform the draw system which state of the current text button object to draw. The draw system is called and, based on the settings for the above mentioned two-dimensional status variables, either the "normal", mouse over", mouse down" or "pop-up" states of the text button object's background, if any, the text button object's string, and the 3D frame, if any, are drawn. If additional transformations are defined (FIG 18), the above process is repeated, based on the timer delay and object states defined for the subsequent transformations. When the last transformation is completed, the "stop" method is called, which sets the required status variables as appropriate. This causes the parent text button time line thread to be reactivated through the "join" mechanism.

[0292] If the transformation is being applied to an image object at 228, then a timer delay method is executed based on the delay setting (as defined in FIG 18). When the timer reactivates the image transformation thread after the appropriate delay, image transformation technology is executed. In one implementation, the image transformation technology utilizes the "alpha" value of a given image object state in order to fade in and fade out images. The alpha value can range from 0 to 255, depending upon the image strength desired. The value for an alpha transformation increment variable is calculated by dividing the resolution of the transformation into 255, after making the necessary adjustments to keep the data in integer form, without losing resolution due to integer rounding errors. The value of an alpha transformation variable is set to zero. Depending upon the settings as defined in FIG 18, the bitmap for one image object state is

initialized to an alpha value of zero, while another is initialized to an alpha value of 255. The appropriate two-dimensional status variables are set for communication with the draw system.

[0293] A transformation loop is then executed, until 255 minus the then current value of the alpha transformation variable is less than the value alpha transformation increment variable. This methodology again keeps all calculations in the form of integers, as opposed to floating point, thus speeding up the transformation process.

[0294] Two "Fade In" image filters are created for each iteration of the transformation loop. The first uses an alpha value calculated at the current setting of the alpha transformation variable. The second uses an alpha value calculated at 255 minus the current setting of the alpha transformation variable. Two image producers are also created with pointers to the last image bitmap produced for each image object state in the last transformation loop and to the two image filters that had just been created. The two image producers under the control of two media trackers then create two new image bitmaps. The transformation thread then "waits" for the completion of these two image processing events using the media trackers. Upon completion, the draw system is called which draws the then current state of the two image object states, in the correct order, and in the correct location. The image transformation thread goes into a timer delay of some preset value (500 milliseconds in one implementation), to permit a smooth visual transformation effect. The loop is then repeated until the loop condition is met. Then the "stop" method is called, certain status variables are set, and the image transformation thread terminates itself. This causes the parent image time line thread to be reactivated through the "join" mechanism.

[0295] Returning to process step 220 in FIG 33, if the object was defined with an animation and transformation that would execute in a serial manner, then certain two-dimensional status variables are set, and an "instance" of the "transformation" class for that particular object type is created at 230. An object transformation thread is then created, utilizing the two-dimensional object internal database architecture. This object transformation thread is then "started" and the parent object time line thread "waits" to be "joined".

[0296] If a text button object, then a primary loop is executed, with the number of iterations set to the number of transformations. After the execution and return from a timer delay event, if any, an "instance" of the text button animation class is created, and then a text button animation thread is created and "started". The parent text button transformation thread then

[redacted]

waits to be "joined". This causes the text button animation thread to be executed, in the manner described at 229. When the text button animation thread completes its execution, it calls its "stop" method, which sets the necessary status variables and then terminates itself. This causes the text button animation thread to "join" the parent text button animation thread, causing that thread to resume processing. The first text button transformation is then executed, in the manner described at 228. After the execution and return from another timer delay event, if any, another "instance" of the text button animation class is created, and then another text button animation thread is created and "started". The parent text button transformation thread again waits to be "joined". This causes the text button animation thread to be executed again with the animation being executed, based on the definition set at FIG 18, on a different text button object state. The loop is then repeated until the last text button transformation is completed. Then the text button transformation thread calls its "stop" method, certain status variables are set, and the text button transformation thread terminates itself. This causes the parent text button time line thread to be reactivated through the "join" mechanism.

[0297] If an image object, the mechanism of the image transformation thread spawns image animation threads, before each transformation, and is the same as that of a text button object. The actual image transformation process is identical to that described at 228. When completed the "stop" method is called, certain status variables are set, and the image transformation thread terminates itself. This causes the parent image time line thread to be reactivated through the "join" mechanism.

[0298] Returning to process step 220 in FIG 33, if the object was defined with a simultaneous animation and transformation, then certain two-dimensional status variables are set, and an "instance" of the "super transformation class" for that particular object type is created at 231. In one implementation, the animation, transformation, and super transformation classes are integrated into one structure in order to reduce code size and increase execution speed. Each "super transformation class" is also implemented with a "runnable" interface. An object super transformation thread is then created, utilizing the two-dimensional object internal database architecture. This object super transformation thread is then "started". The inter-thread communication technology and the "join" technology employed for object super transformations is the same as for object transformations.

[redacted]

[0299] If a text button object, a calculation is made in order to prorate the text button animation process across the defined text button transformation process. The calculation is driven by the number of text button animation frames, and prorates from that total the number of frames that should be assigned to each transformation state. This can be done by dividing the sum of all the transformation times by each individual transformation time, and multiplying that result by the number of frames, making necessary adjustments to prevent integer rounding error. After these calculations are completed, the text button animation is executed in a similar manner as was defined at 229. However, when the appropriate number of animation frames had been drawn, certain two-dimensional status variables are set prior to calling the draw system for the next animation frame, so that the correct text button object state is drawn, in the correct size and with the correct coordinates, by the draw system. When the super transformation process is completed the "stop" method is called, certain status variables are set, and the text button super transformation thread terminates itself. This causes the parent text button time line thread to be reactivated through the "join" mechanism.

[0300] If an image object, a calculation is made in order to prorate the image animation process across the defined image transformation process. The calculation is driven by the number of image transformation events that would occur (where each one can be set at approximately 500 milliseconds) over the entire animation event. A calculation is performed in order to calculate how many image transformation events should be assigned to each transformation state. This is done by dividing the sum of all the transformation times by each individual transformation time, and multiplying that result by the total number of transformation events, making necessary adjustments to prevent integer rounding error. A calculation is then made to allocate the number of animation frames to each image transformation event. After these calculations are completed, the image animation is executed in a similar manner as was defined at 229. However, when the appropriate number of animation frames had been drawn, the image transformation technology is called to perform the next transformation event. The alpha transformation increment can be defined by dividing 255 by the number of transformation events assigned to that transformation. The draw system is then called. When the number of image transformation events assigned to a given image transformation is reached, then certain two-dimensional status variables are set prior to calling the draw system for the next animation frame, so that the correct image states, in the correct size and with the correct coordinates, are utilized

[redacted]

by the draw system. This entire animation/transformation process will be repeated by the number of image animation cycles. When the super transformation process is completed the "stop" method is called, certain status variables are set, and the text button super transformation thread terminates itself. This causes the parent text button time line thread to be reactivated through the "join" mechanism.

[0301] Returning to process step 219 in FIG 33, if the object had a time line, then a test is made at 221 on whether an appearance delay had been defined in FIG 19. If so, a timer event is set at 222.

[0302] When the timer reactivates the object time line thread after the appropriate delay, a test is made on whether an entry animation/transformation has been defined for this object time line at 224, as described FIG 19. If so, based which animation/transformation process was defined, it is created and executed at 228, 229, 230, or 231. In one implementation, 13 entry animations are supported for both text button and image objects, and an additional "Fade In" entry animation is supported for image objects. The 13 common entry animations supported include Zoom In, Grow NW, Grow NE, Grow SE, Grow SW, Enter N, Enter NE, Enter E, Enter SE, Enter S, Enter SW, Enter W and Enter NW

[0303] If no entry animation/transformation is defined, or when the entry animation/transformation has "joined" the object time line thread, a test is made to determine if any child time lines have been defined at 225, as described in FIG 19, for this parent object time line. If so, an "instance" of the "child time line class" for that particular object type is created at 226. Each "child time line class" is also implemented with a "runnable" interface. An object child time line thread is then created, utilizing the two-dimensional object internal database architecture. This object child time line thread is then "started". The inter-thread communication technology and the "join" technology employed for object child time lines is the same as for object time lines. Either a text button child time line thread or an image child time line thread, or both, can be spawned at this time.

[0304] Simultaneous with the execution of any spawned text button child time line threads, the parent object thread then executes the defined main animation and or transformation. As with non-time line object threads, a test is made on certain two-dimensional object definition variables in order to determine which of the following four states have been defined for the object at 227: animation without a transformation; transformation without animation; animation,

[redacted]

with the transformation occurring simultaneously with the animation; and, animation and transformations occurring in a serial manner.

[0305] Based on the results of this test, an appropriate "instance" of an appropriate animation, transformation, or super transformation class is created, and an appropriate animation, transformation, or super transformation thread is created and "started". This results in the execution of process steps 228, 229, 230, or 231, as defined above.

[0306] The parent object time line thread then executes a "join" method. This again puts the object time line thread in a "wait state". When the thread it is waiting for is completed, the child thread "joins" the parent object time line thread, and the object time line thread then continues its process.

[0307] The object time line thread then checks to see if there is a departure delay defined at 232. If so, it sets a timer event at 233. When the timer reactivates the object time line thread after the appropriate delay, a test is made at 234 on whether an exit animation/transformation has been defined for this object time line, as described in FIG 19. If so, it is created at 235, and performed as discussed with reference to processes 228, 229, 230, or 231. In one implementation, 13 exit animations supported for both text button and image objects, and an additional "Fade Out" exit animation is supported for image objects. The 13 common exit animations include: Zoom Out, Shrink NW, Shrink NE, Shrink SE, Shrink SW, Exit N, Exit NE, Exit E, Exit SE, Exit S, Exit SW, Exit W and Exit NW.

[0308] If no exit animation/transformation is defined, or when the exit animation/transformation has "joined" the object time line thread, the parent object time line thread then executes a "join" method if it had spawned any child time lines. This again puts the object time line thread in a "wait state". Finally, when then the child time line threads, if any, "join" the parent object time line, the "stop" method for the parent time line is called. Certain status variables are set, and the parent object time line thread terminates itself. This causes the main web page time line that had been in a "join" loop at 211 of FIG 31, since the invocation of the object time lines, to be "joined" by this particular object time line thread.

[0309] FIG 34 shows the technology employed by the run time engine for implementing child time lines for text button and image objects. Child text button object time lines and child image object time lines are subsets of their parent object time lines. First a test is made at 237 on whether an appearance delay had been defined (See FIG 19). If so, a timer event is set at 238.

[redacted]

When the timer reactivates the child object time line thread after the appropriate delay, a test is made on whether an entry animation has been defined for this child object time line at 239 (as described FIG 19). If so, it is created and executed at 240 in a manner identical to that described at process step 229 in FIG 33. The same 13 entry animations supported for parent object time lines are also supported for both child text button and image objects, and the additional "Fade In" entry animation is supported for child image objects. The "join" mechanism described in FIG 33 is employed in an identical manner at 240 to synchronize the child time line thread with its entry animation thread.

[0310] After being "joined" and reactivated, the child object time line performs a test at 241 on whether an exit delay had been defined (See FIG 19). If so, a timer event is set at 242. When the timer reactivates the child object time line thread after the appropriate delay, a test is made on whether an exit animation has been defined for this child object time line at 243, as described in association with FIG 19. If so, it is created and executed at 244 in a manner identical to that described above at process step 229 in FIG 33. The same 13 exit animations supported for parent object time lines are also supported for both child text button and image objects, and the additional "Fade Out" exit animation is supported for child image objects. The "join" mechanism described above in association with FIG 33 is employed in an identical manner at 245 to synchronize the child time line thread with its parent object time line thread. As discussed at process step 236 in FIG 35, the parent object time lines "wait" until all their child time lines have terminated, before they in turn terminate and "join" the main web page time line at FIG 35.

[0311] FIG 35 describes technology employed by the run time engine for the web page and object thread loop. As noted in FIG 31 at process step 211, after all the text button and image time line threads for the current web page had been launched, the main web page thread executed a "join" loop, waiting for the completion of all the parent object time line threads. Because each parent object time line thread waited for their child object time line threads to be "joined", as well as any other spawned animation threads, transformation threads, and/or super transformation threads, the effect of this "join" loop at 246 is that the web page thread will not resume processing until all parent time line threads have completed and that of all of their spawned threads.

[redacted]

[0312] Upon resuming its processing after the "join" process at 246 has been completed, the main web page thread checks at 247 to see whether the current web page has an automatic termination, based on a timer delay, or whether the web page will wait for a user interaction before terminating.

[0313] If the web page has a time delay based termination setting, then a timer method is called at 249, and the web page goes to "sleep" awaiting the completion of the timer event.

[0314] When the timer event occurs, the web page thread resumes processing by incrementing the web page counter by one, and the entire web page process, which began at process step 200 in FIG 31, is repeated. If the current web page termination setting was to set to wait until user interaction, then web page thread is placed in a "pause" state, and the run time engine waits to respond to any mouse, keyboard or other user initiated event.

[0315] FIG 36 describes the technology employed by the run time engine for responding to user interactions. As mentioned in association with process step 204 of FIG 31, as soon as the draw system has been activated, the run time engine will respond to any user interactions that have been defined (See FIG 16). This is also true during any object time line events, as with respect to process step 207 of FIG 31. The run time engine currently responds to "mouse over" and "mouse down" events for text button, image, and paragraph objects. For form objects, the run time engine will also respond to keyboard events. As the full-featured programming languages supported by browsers evolve, the run time engine may be configured to respond to other user interactions, including but not limited to single and double clicks from both the left and right mouse button, voice commands, eye focusing technologies, touch screen technologies, and push technologies originating from a server.

[0316] The run time engine invokes a "dynamic mouse to object recognition" technology at 251 in order to be responsive to the following elements:

1: The location of objects will vary based on the viewer's screen resolution and browser window size as discussed above with regard to FIG 27.

2: Objects may move or resize themselves based on time lines and animations.

3: Objects may have different sizes based on the state they are being displayed in based on time lines and transformations.

[redacted]

4: More than one object can occupy the same screen location, and which objects occupy that location may change over time based on time lines, animations, and transformations.

[0317] The run time engine maintains, in its internal database, the object's current X and Y origin coordinates, and the object's current width and height, in pixels, based on the current viewer's screen and browser window size. This can be accomplished by first converting all coordinates and sizes to the current viewer environment with the scaling technology as discussed above with regard to FIG 27. Every time line, animation, and transformation thread updates, in real time, the run time engine's internal database positional and size variables of the objects they define, utilizing the data communication techniques described above with reference to FIG 33.

[0318] The run time engine employs mouseEnter, mouseMove, mouseDown, mouseDrag, mouseUp, and mouseExit methods to constantly monitor the state of the mouse at all times. The onClick method (to detect a single click) and a specialized method to detect a double click event are also employed. The onKeyDown method, with processing the returned scan code, permits the run time engine to process all keyboard events. The mouseEnter, mouseMove, mouseDown, mouseDrag, mouseUp, and mouseExit methods return to the run time engine the exact X and Y coordinates of the mouse cursor at the instant that particular mouse event occurred. Thus for each supported mouse based user interaction technique supported by the run time engine, a two-dimensional loop exists (web page number by object number) in which the current bounding rectangle for every object on a given web page is being compared to the current mouse cursor location at all times. The bounding rectangle is simply the current X and Y origin coordinates of an object, extended by its current width and height. In this way, the run time engine is informed if the current mouse cursor location falls within one or more bounding rectangles. Parenthetically, the run time engine also knows when the current mouse cursor falls outside the bounding rectangle of a given object.

[0319] Based on the type of mouse user interaction at 252, the run time engine employs different techniques and executes different methods. If the viewer moves the mouse at 253, the mouseMove method informs the run time engine immediately of this event and the current mouse cursor coordinates.

[redacted]

[0320] If this user mouse move action caused the mouse to move into one or more bounding rectangles of any text button or image object(s) at 254, or out of one or more bounding rectangles of any text button or image object(s) at 255, then appropriate two-dimensional status variables are set and the draw system is called. The draw system interprets the relevant two-dimensional variables for the existing text button and image object(s) on the current web page in its draw loop as described above with reference to FIG 16, and draws the correct backgrounds, text strings, images, and 3D frames based on the state of each object, as just set by the "mouseMove" computational two-dimensional loop. If the mouse has entered into or out of the bounding rectangles of any image and/or text button object that has a defined text button, image and/or video pop-up object (See FIG 16), then the draw system paints or effectively erases the appropriate background, text string, images and/or 3D frame for these pop-up objects. If the location of any of these text button and image objects or child pop-up objects is changing over time because of time line, animation, or transformation threads, the draw system, as described in association with FIG 33 and FIG34, is aware of these dynamics, and redraws the screen as these real time events occur. If any sound or video events were defined (See FIG 16) for any text button or image objects, then the run time engine plays those sound and/or video files or channels as defined. As multiple objects can be defined that each have associated sound (and even video) files, and these objects can be overlaid on each other, either completely or partially, very interesting synchronized multiple sound tracks can be constructed, in which certain designated sounds are played, or stopped, based purely on user mouse movement.

[0321] If the viewer moves the mouse into or out of the bounding rectangle for a paragraph hot link at 256, then appropriate four-dimensional status variables (web page by paragraph number, by paragraph line number by paragraph line segment number) are set or reset and the draw system is called. The draw system paints the background color behind the hot link text string, and the color for the hot link text string in the hot link "mouse over" or the hot link normal colors. The text string may be underlined or in a bold font, depending on the settings.

[0322] If the viewer presses a mouse button at 257, the mouse-down method informs the run time engine immediately of this event and the current mouse cursor coordinates. If the viewer releases the mouse at 259, the mouse-up method informs the run time engine immediately of this event. Either way, if the original "mouse down" event had occurred inside one or more bounding rectangles of any text button or image object(s) at 258, then appropriate two-

[redacted]

dimensional status variables are set and the draw system is called. The "mouse up" event will cause the run time engine to reset those appropriate two-dimensional status variables, and then call the draw system. If the mouse was inside of the bounding rectangles of any image and/or text button object that had a defined text button, image and/or video pop-up object (See FIG 16) with the freeze attribute, the appropriate two-dimensional status variables are set so that the draw system will not erase these pop-up objects when the mouse moves outside the bounding rectangle(s) of the parent text button or image objects. The draw system interprets the relevant two-dimensional variables for the existing text button and image object(s) on the current web page in its draw loop described above with reference to FIG 16, and draws the correct backgrounds, text strings, images, and 3D frames based on the state of each object, as just set by the "mouseDown" computational two-dimensional loop.

[0323] If the 3D frame had been previously defined (See FIG 16) to have the "live" setting, then the 3D effect is changed from a "raised" effect to a "depressed" effect. If the location of any of these text button and image objects or child pop-up objects is changing over time because of time line, animation, or transformation threads, the draw system, as described in association with FIG 33 and FIG34, is aware of these dynamics, and redraws the screen as these real time events occur, but does not recognize any new "mouse down" or "mouse up" Events. In one implementation, only "mouse over" events are recognized dynamically by the draw system.

[0324] If any sound or video events were defined (See FIG 16) for any text button or image objects, then the run time engine plays those sound and/or video files or channels as defined. As multiple objects can be defined that each have associated sound (and even video) files, and these objects can be overlaid on each other, either completely or partially, very interesting synchronized multiple sound tracks can be constructed, in which certain designated sounds are played, or stopped, based purely on the user pressing a mouse button.

[0325] If a mouse down event as described previously in association with FIG 16 was defined for one or more effected text button or image objects, only the object that was drawn last will have its event processed. If the event was to go to a different internal web page, then the run time engine sets the web page counter described in association with FIG 31 for the "current" page to be one less than that of the desired web page. The current web page's object time lines, if any, complete normally, and the desired web page is then executed. If the "mouse down" event was to go to an external web page in a different window, then the run time engine creates a new

Petitioner's Exhibit 1011
Page 0338

Page 338 of 418

browser window. In JAVA this can be accomplished with the "getAppletContext().showDocument(theURL, "_blank")" method, where "theURL" is the URL address for the external web page. The run time engine, however, continues executing.

[0326] If the mouse down event was to go to an external web page in the same browser window, then the run time engine terminates by turning control over to the designated external web page. In JAVA this can be accomplished with the "getAppletContext().showDocument(theURL)" method, where "theURL" is the URL address for the external web page.

[0327] If the viewer presses a mouse button while inside the bounding rectangle for a paragraph hot link at 260, then appropriate four-dimensional status variables (web page by paragraph number, by paragraph line number, by paragraph line segment number) are set. If the hot link setting at FIG 16 was to go to a different internal web page, then the run time engine sets the web page counter described previously in association with FIG 31 for the "current" page to be one less than that of the desired web page. The current web page's object time lines, if any, complete normally, and the desired web page is then executed. If the hot link setting was to go to an external web page in a different window, then the run time engine creates a new browser window and loads the external web page. The run time engine, however, continues executing. If the hot link setting was to go to an external web page in the same browser window, then the run time engine terminates by turning control over to the designated external web page. This completes the detailed description of the run time process at 261.

[0328] As is obvious from the descriptions of the various features and processes described above, it will be apparent to one skilled in the art that variations in form and detail may be made in the preferred implementation and methods without varying from the spirit and scope of the invention as defined in the claims or as interpreted under the doctrine of equivalents. It should also be clear that terms such as "browser", "mouse", "server", "web", etc., while adequate to describe the current state of interactive systems such as the World Wide Web, may evolve into new and more powerful entities. This evolution of terminology and technology is independent of the preferred implementation and methods of the invention as defined in the claims or as interpreted under the doctrine of equivalents. The preferred implementation and methods are thus provided for purposes of explanation and illustration, but not limitation.

Petitioner's Exhibit 1011
Page 0339

Page 339 of 418

I claim:

1: An apparatus for designing and building a web page comprising:

a browser based build engine including build tools and a user interface,

the build tools for constructing a single run time file and an associated database that describe, and when executed, produce the web page,

the user interface including a build frame and a panel, the build frame operable to receive user input and present a WYSIWIG representation of the web page, the panel including one or more menus for controlling the form of content to be placed on the web page.

[redacted]

ABSTRACT

A method and apparatus for designing and building a web page. The apparatus includes a browser based build engine including build tools and a user interface. The build tools are operable to construct a single run time file and an associated database that describe, and when executed, produce the web page. The user interface includes a build frame and a panel. The build frame is operable to receive user input and present a WYSIWIG representation of the web page. The panel includes one or more menus for controlling the form of content to be placed on the web page.

H:\data\common\mdk\rempell-prov.doc

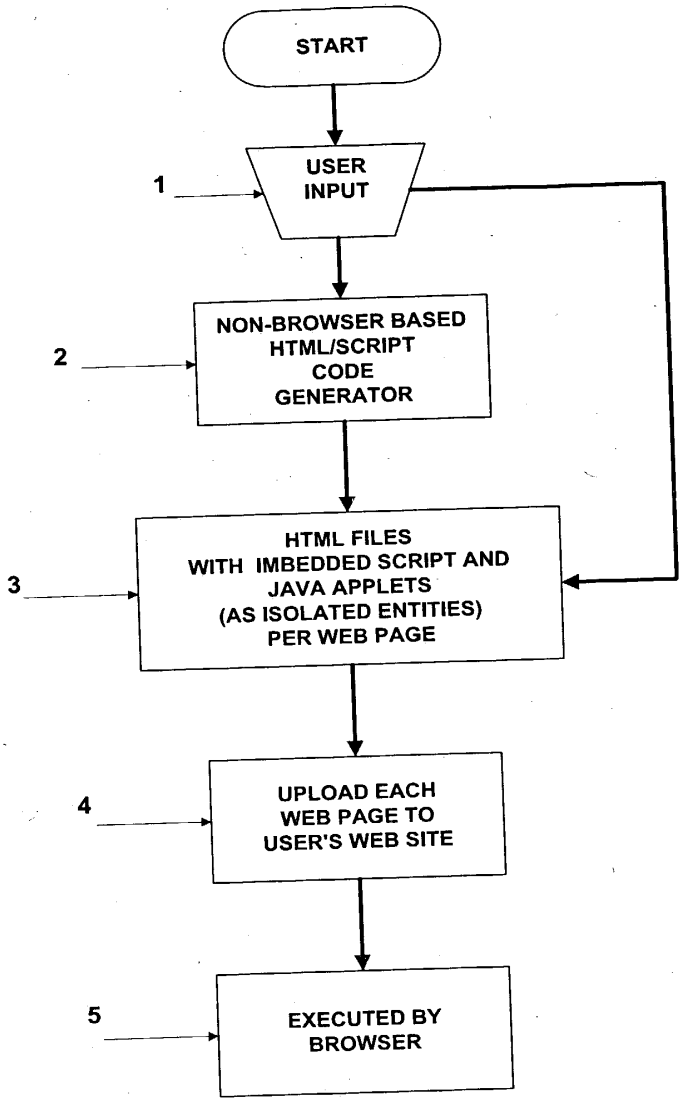


Fig. 1 PRIOR ART

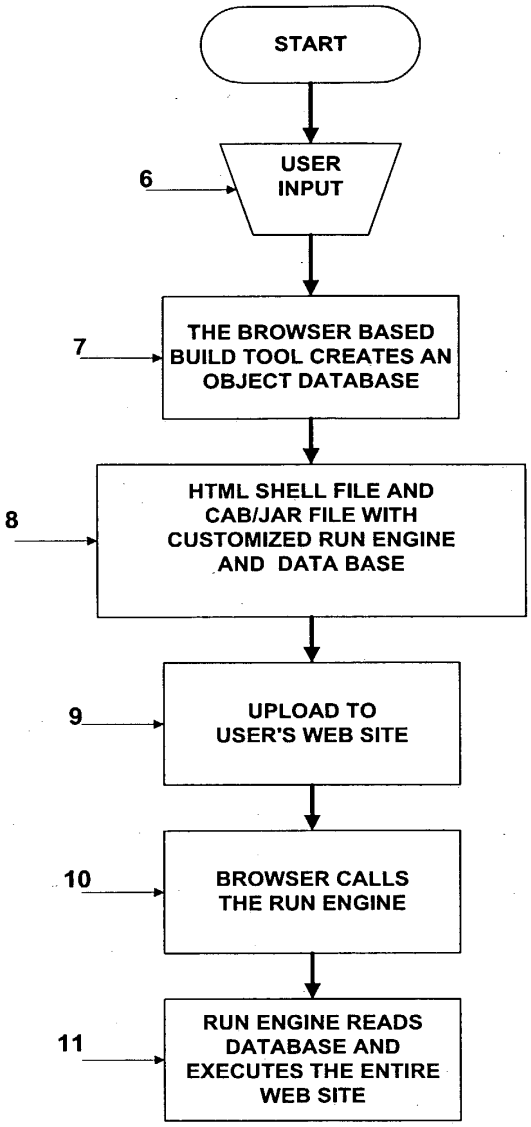

START
6
USER INPUT
7
THE BROWSER BASED BUILD TOOL CREATES AN OBJECT DATABASE
8
HTML SHELL FILE AND CAB/JAR FILE WITH CUSTOMIZED RUN ENGINE AND DATA BASE
9
UPLOAD TO USER'S WEB SITE
10
BROWSER CALLS THE RUN ENGINE
11
RUN ENGINE READS DATABASE AND EXECUTES THE ENTIRE WEB SITE

Fig. 2

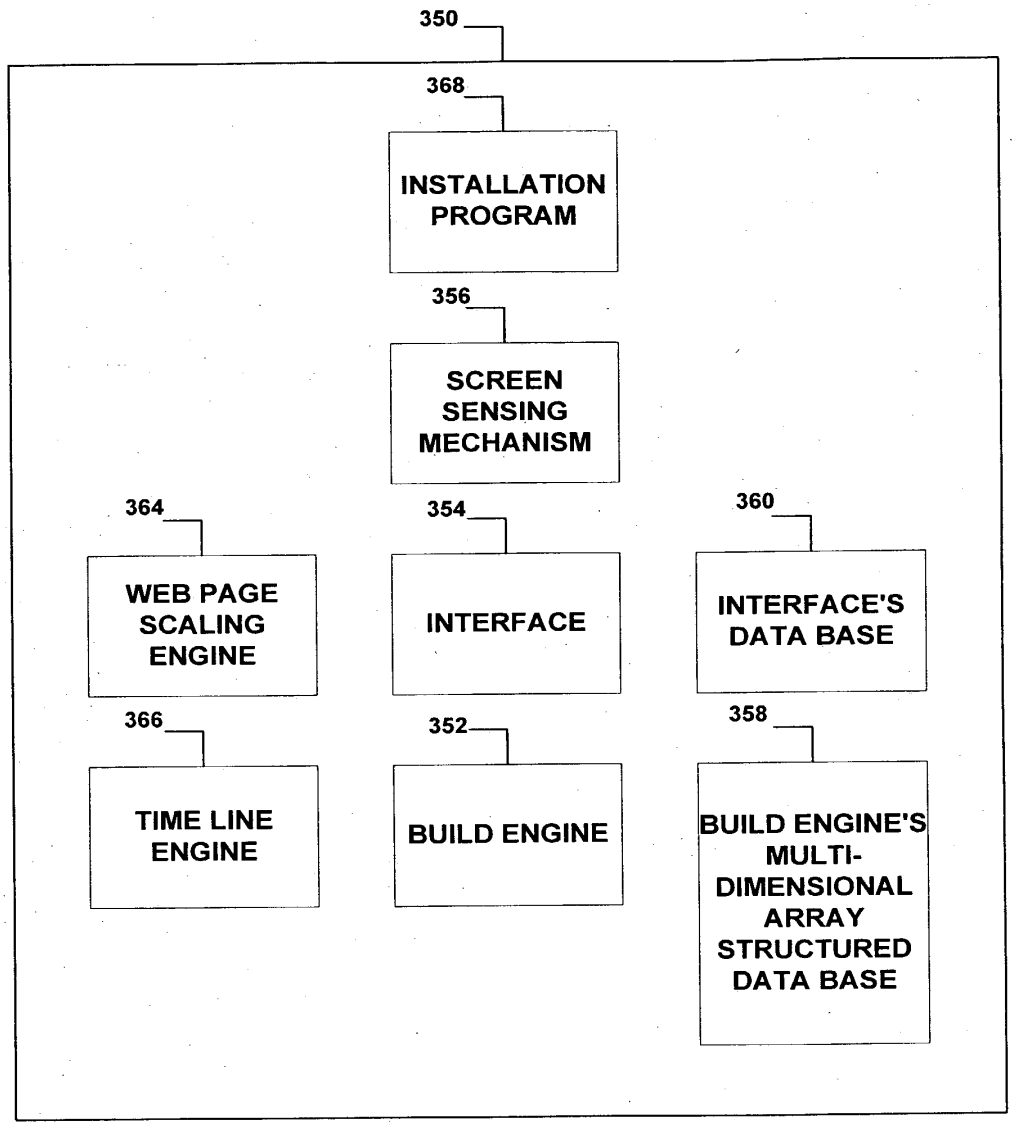


Fig. 3a

BUILD TOOL COMPONENTS

[redacted]

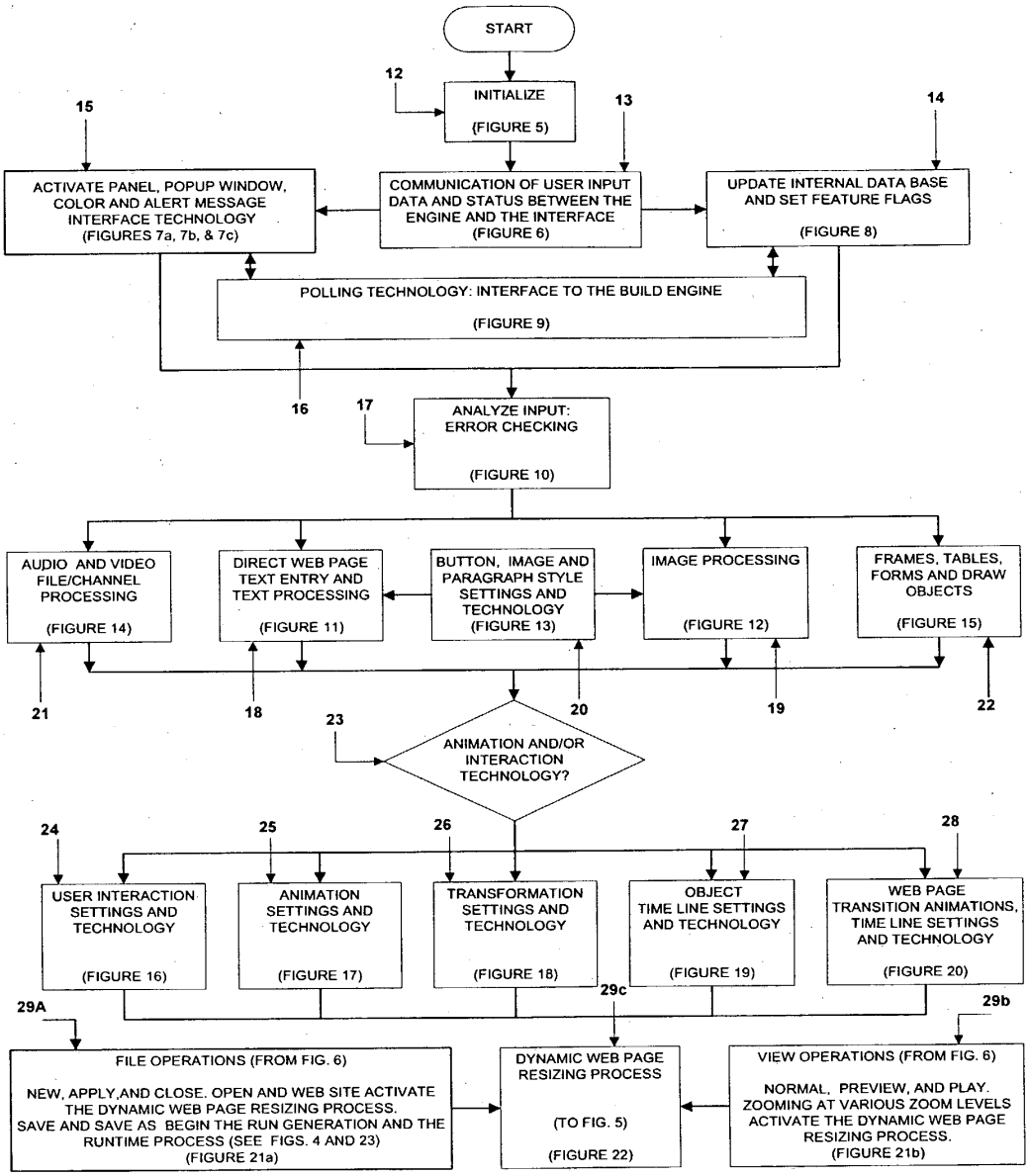


Fig. 3b **THE BUILD TOOL & BUILD PROCESS**

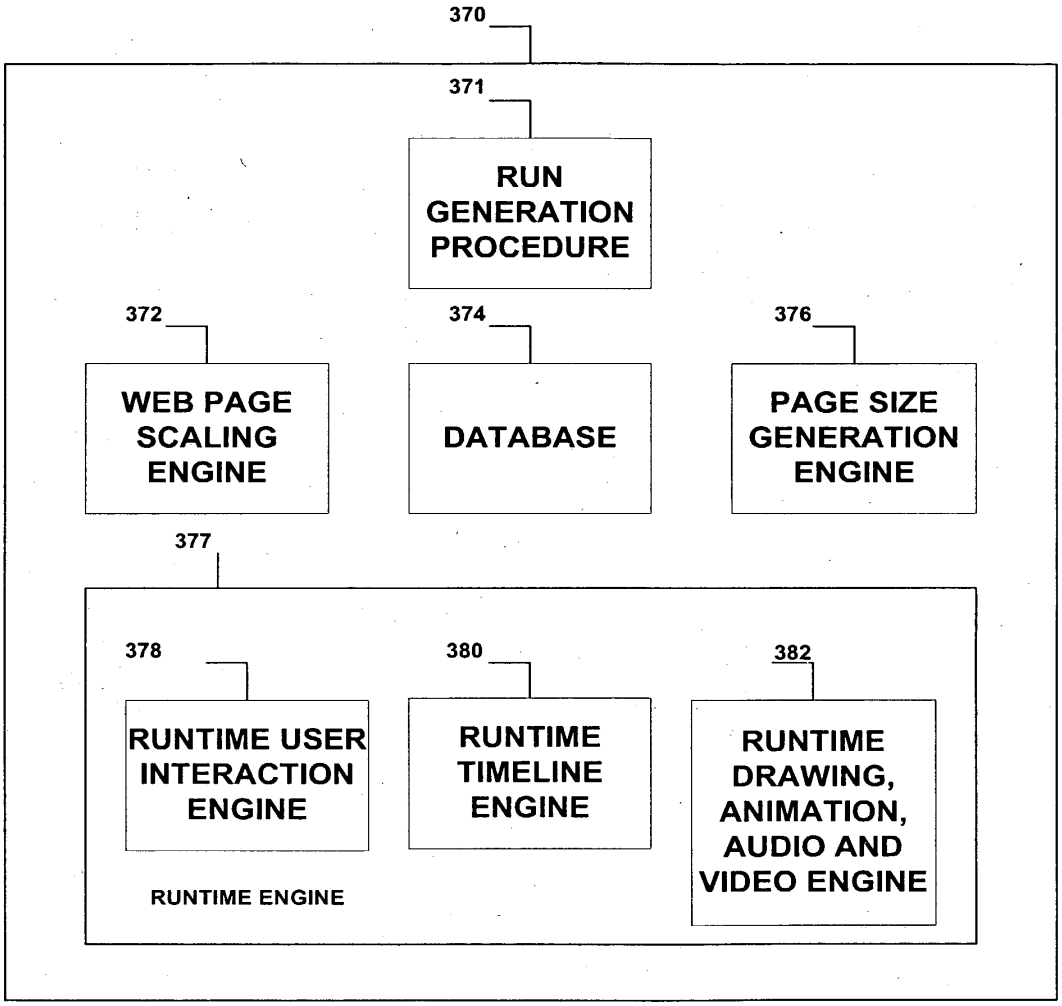


Fig. 4a

RUN GENERATION AND RUNTIME COMPONENTS

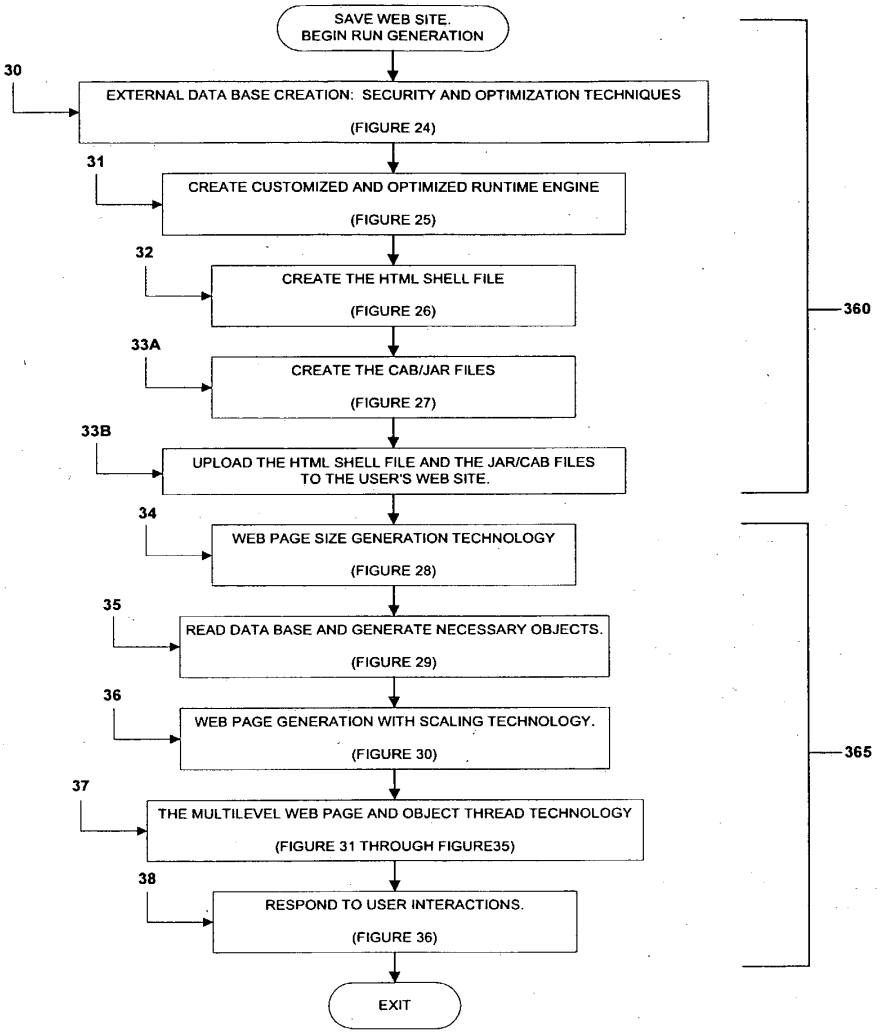


Fig. 4b

RUN GENERATION & THE RUNTIME PROCESS

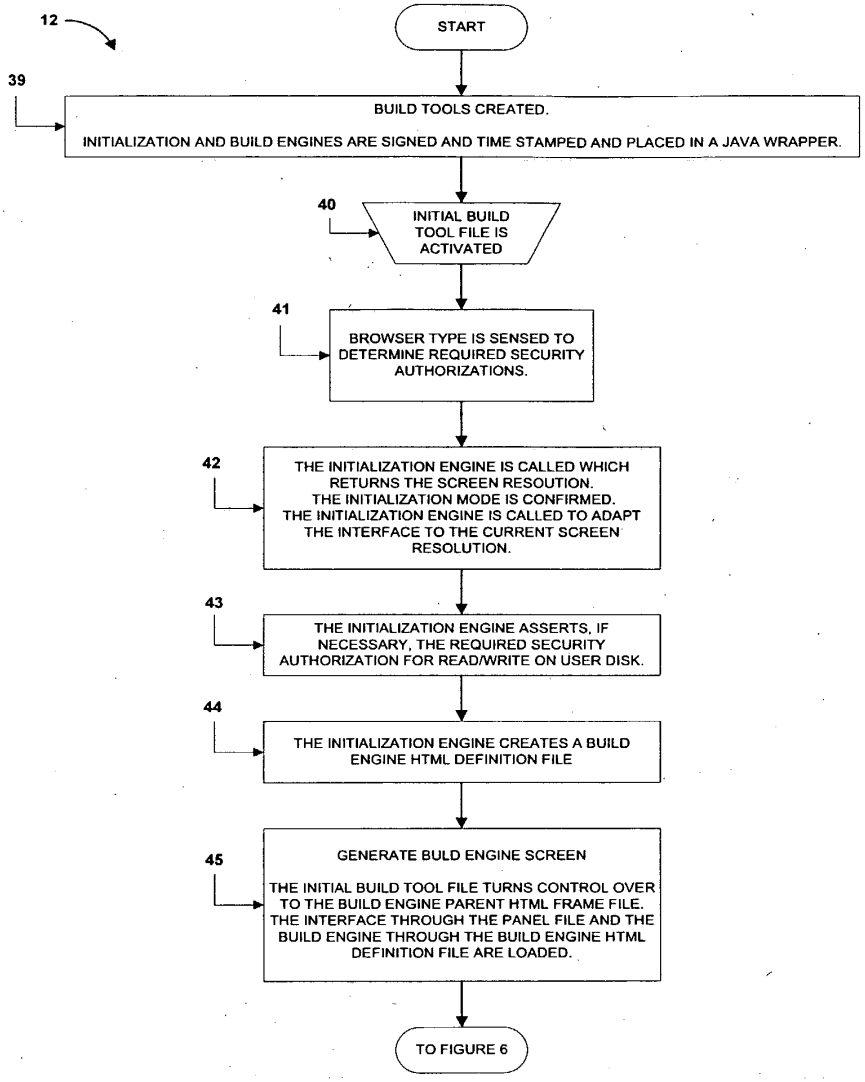


Fig . 5 **INITIALIZATION**

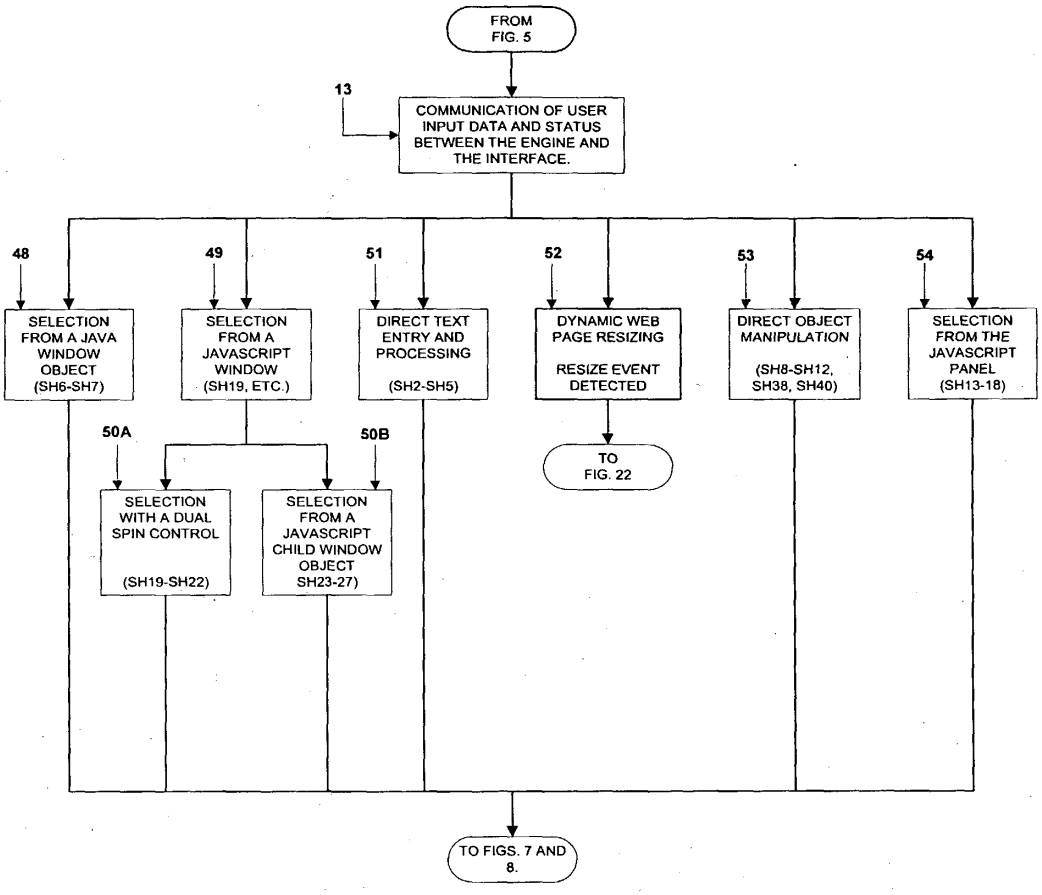


Fig. 6

COMMUNICATION OF USER INPUT DATA AND STATUS BETWEEN THE ENGINE AND THE INTERFACE.

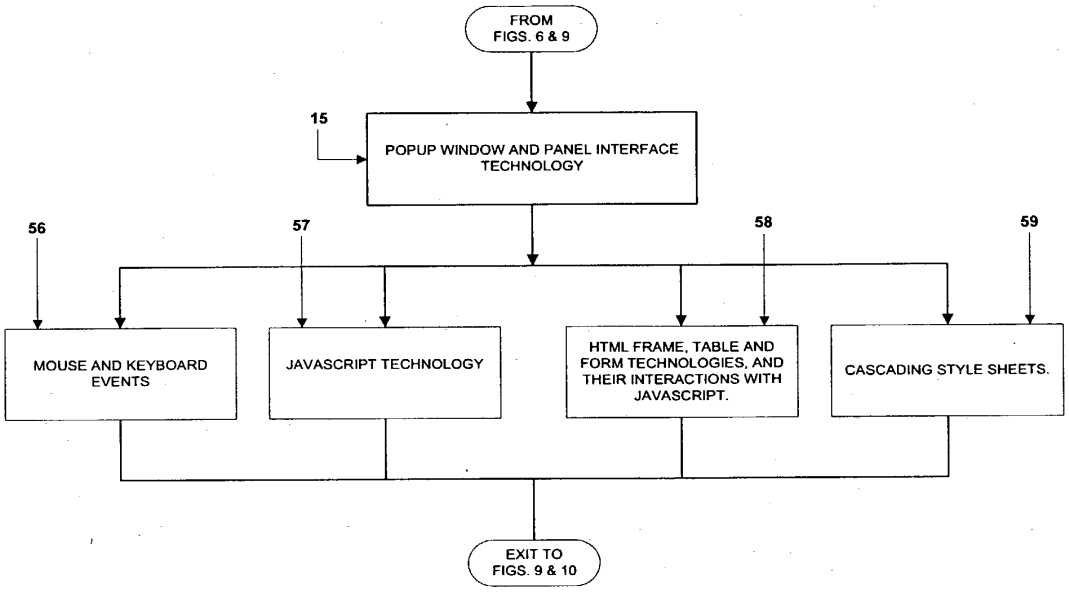


Fig. 7a

POPUP WINDOW AND PANEL INTERFACE AND COLOR TECHNOLOGY

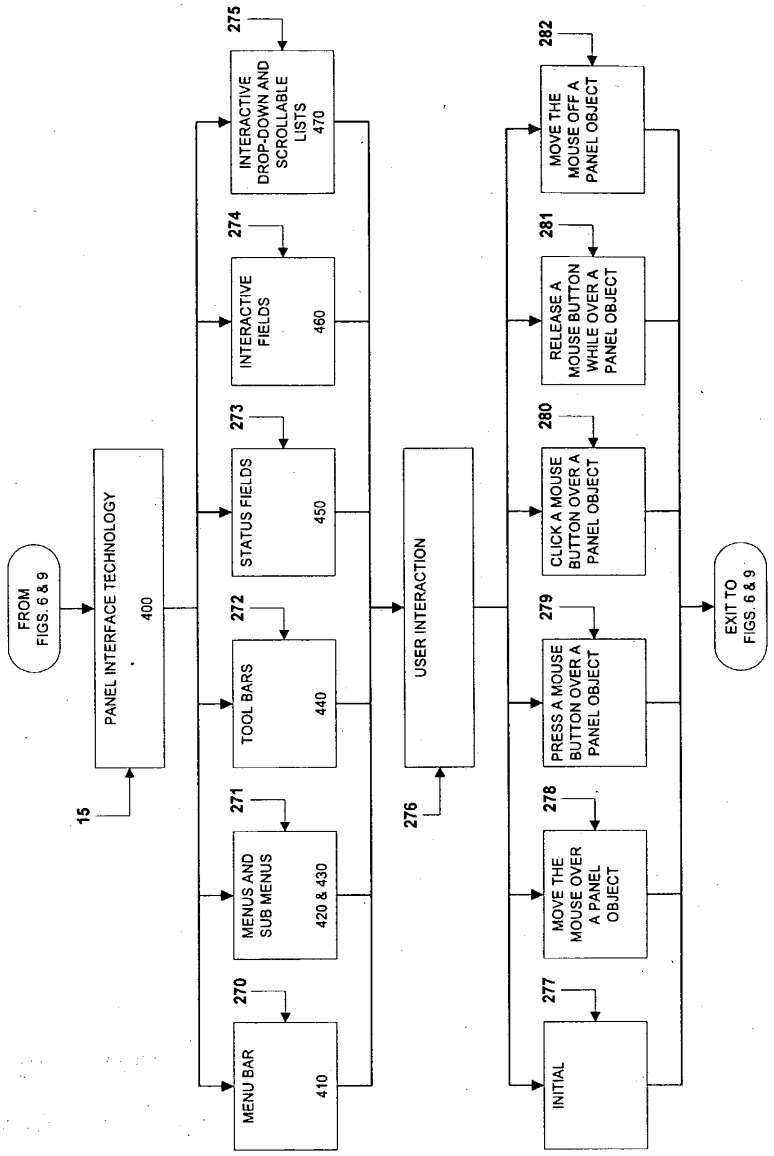


Fig. 7b

IMPLEMENTATION OF PANEL INTERFACE OBJECTS

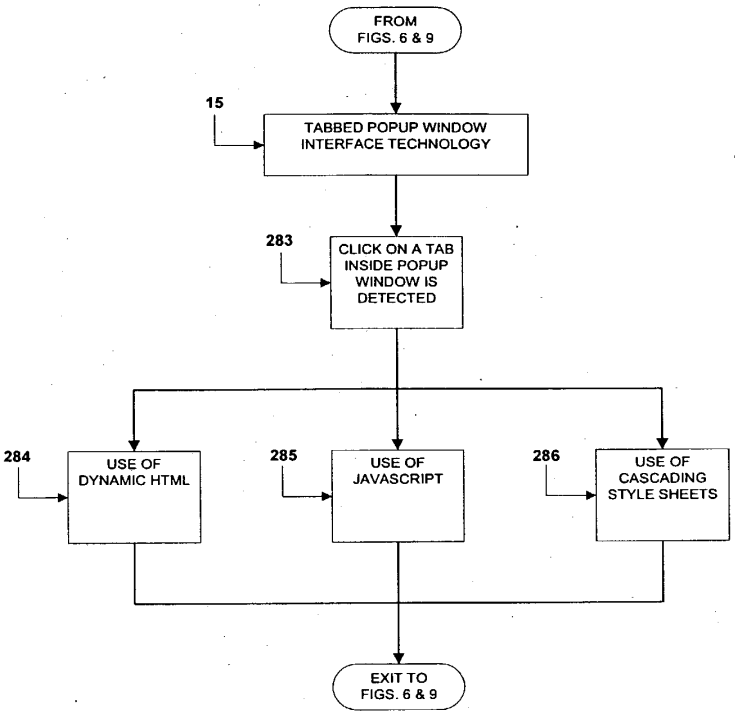


Fig. 7c

IMPLEMENTATION OF TABBED POPUP WINDOWS

[redacted]

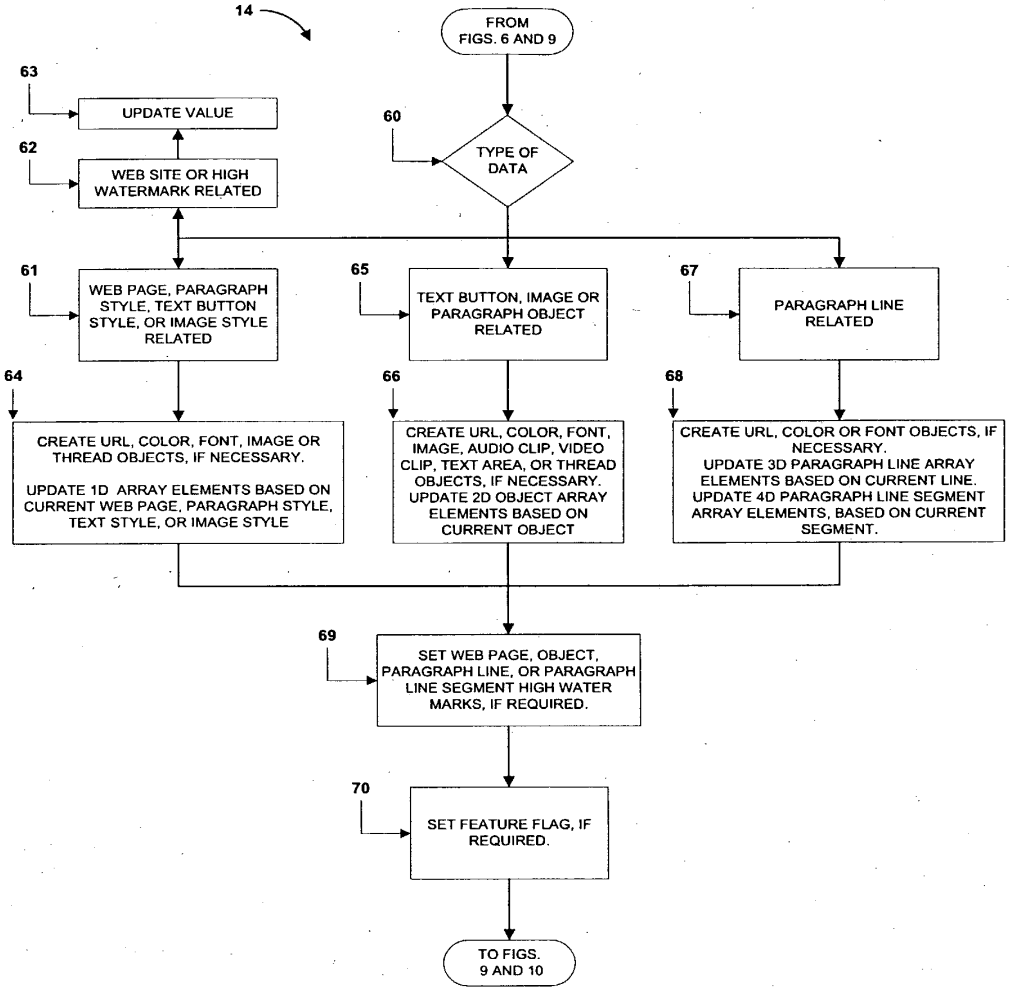


Fig. 8

UPDATE INTERNAL DATA BASE AND SET FEATURE FLAGS

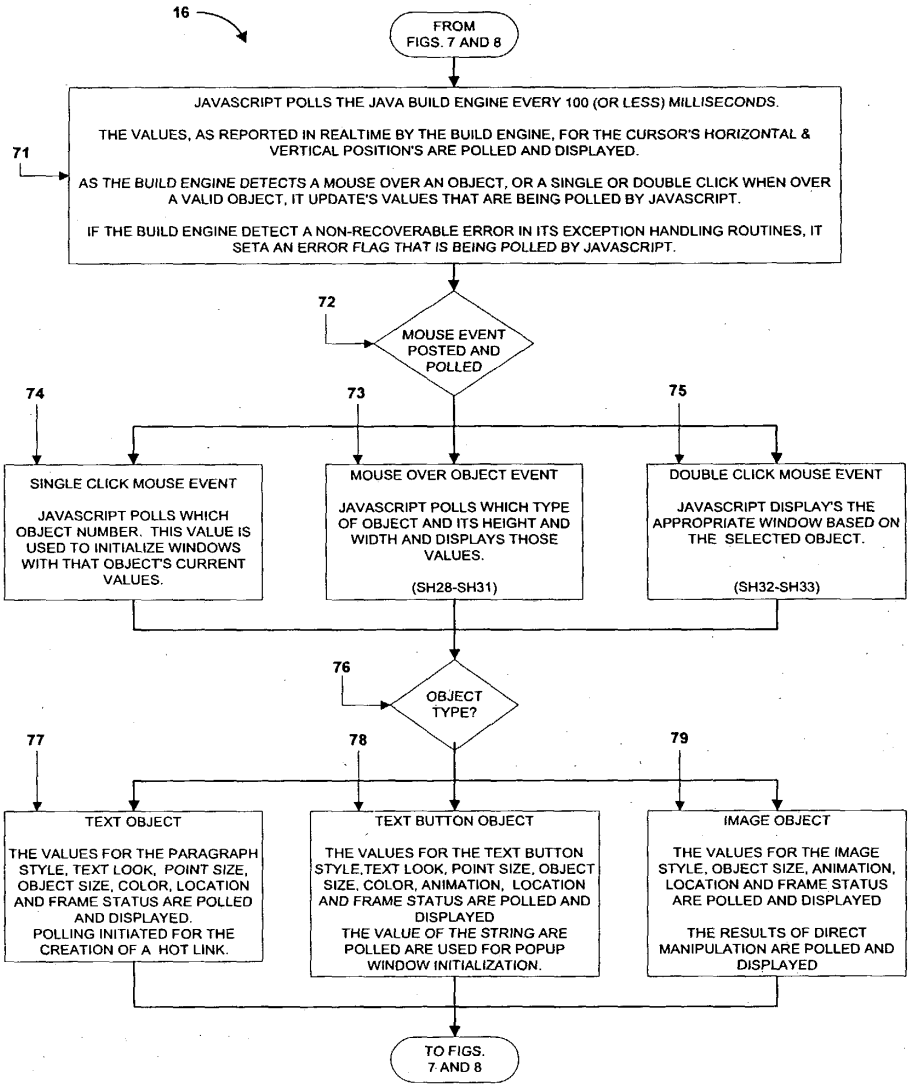


Fig. 9 **POLLING METHODS**

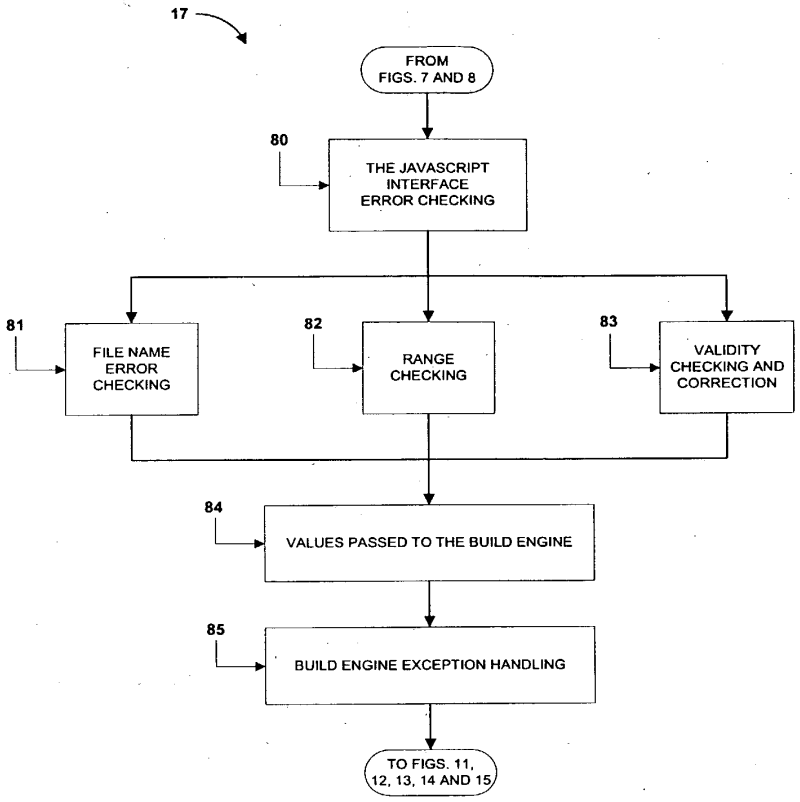


Fig. 10

ANALYZE INPUT: ERROR CHECKING

[redacted]

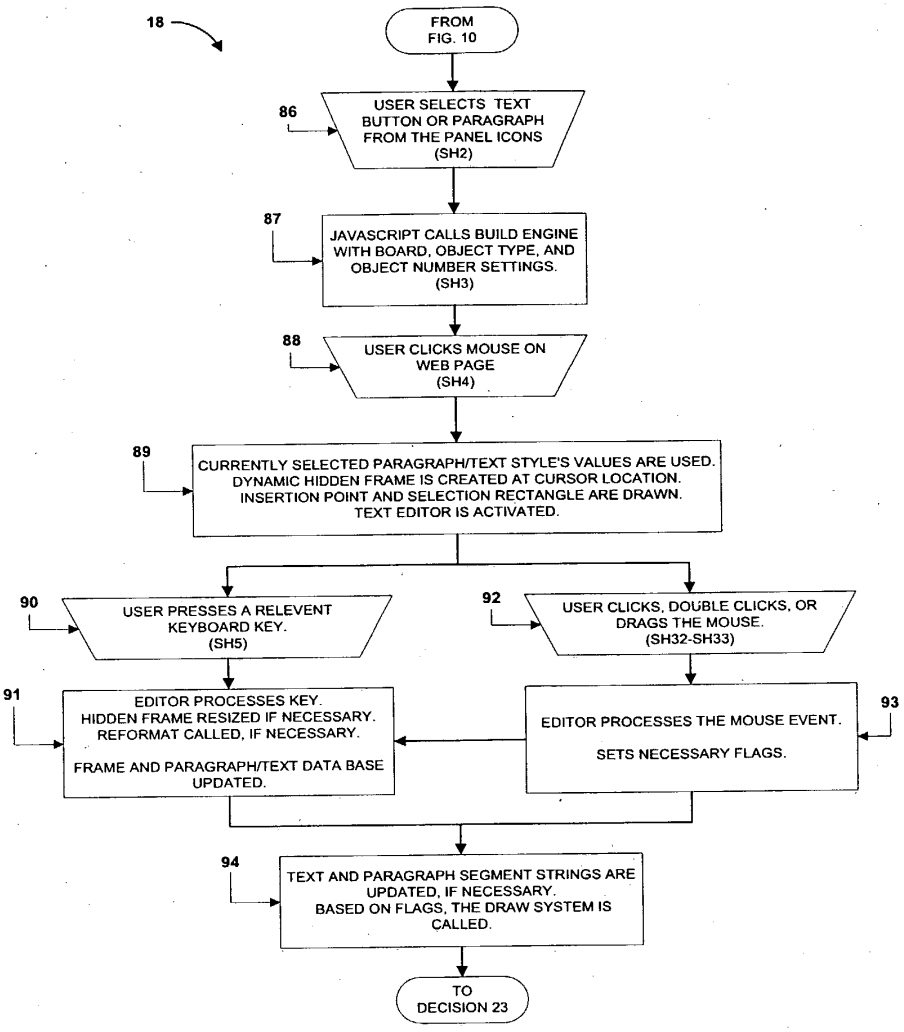


Fig. 11

DIRECT WEB PAGE DATA ENTRY AND TEXT PROCESSING

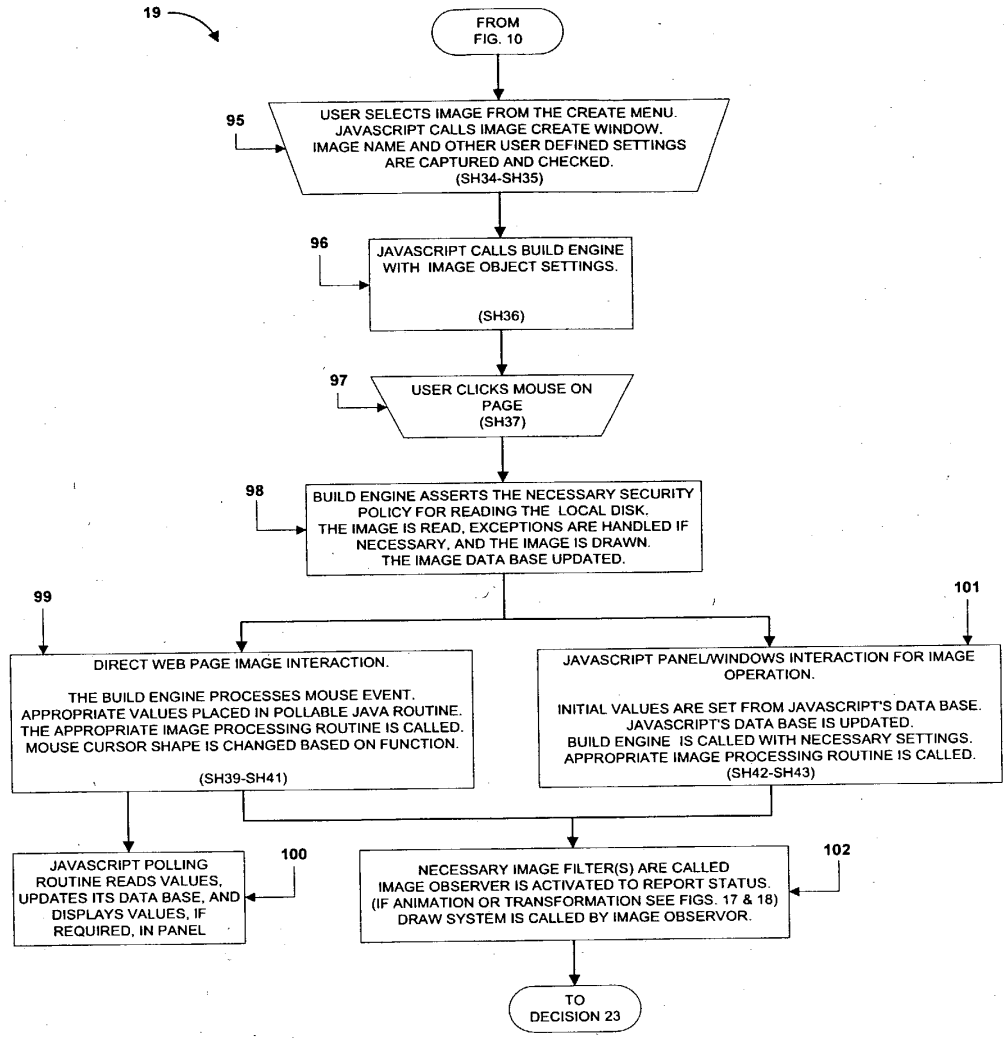


Fig. 12 **IMAGE PROCESSING**

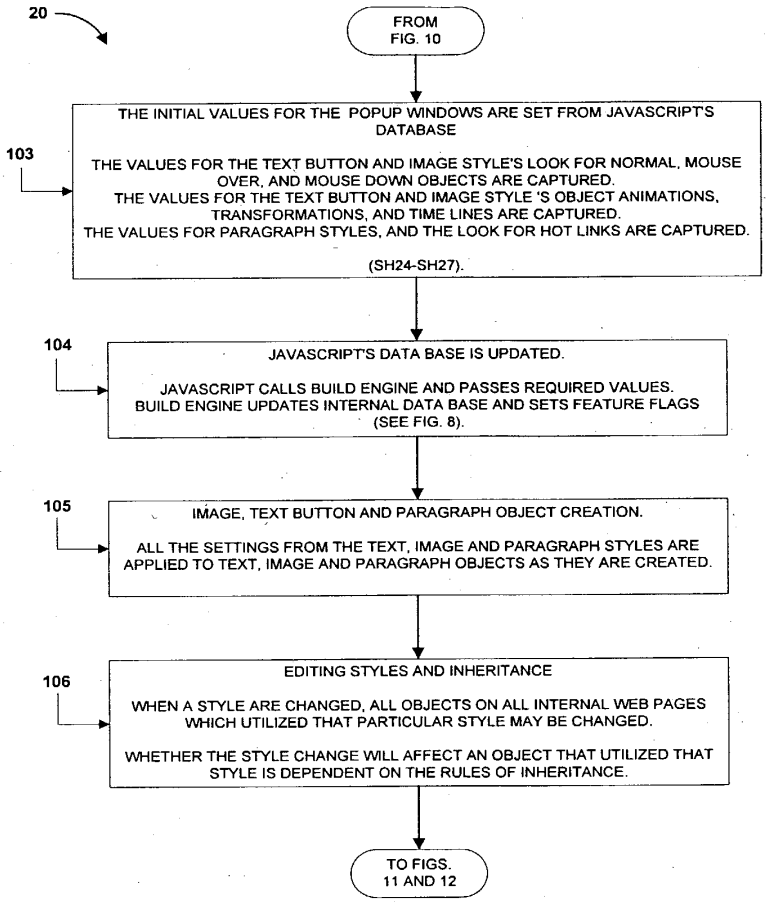


Fig. 13

BUTTON, IMAGE AND PARAGRAPH STYLE SETTINGS AND TECHNOLOGY

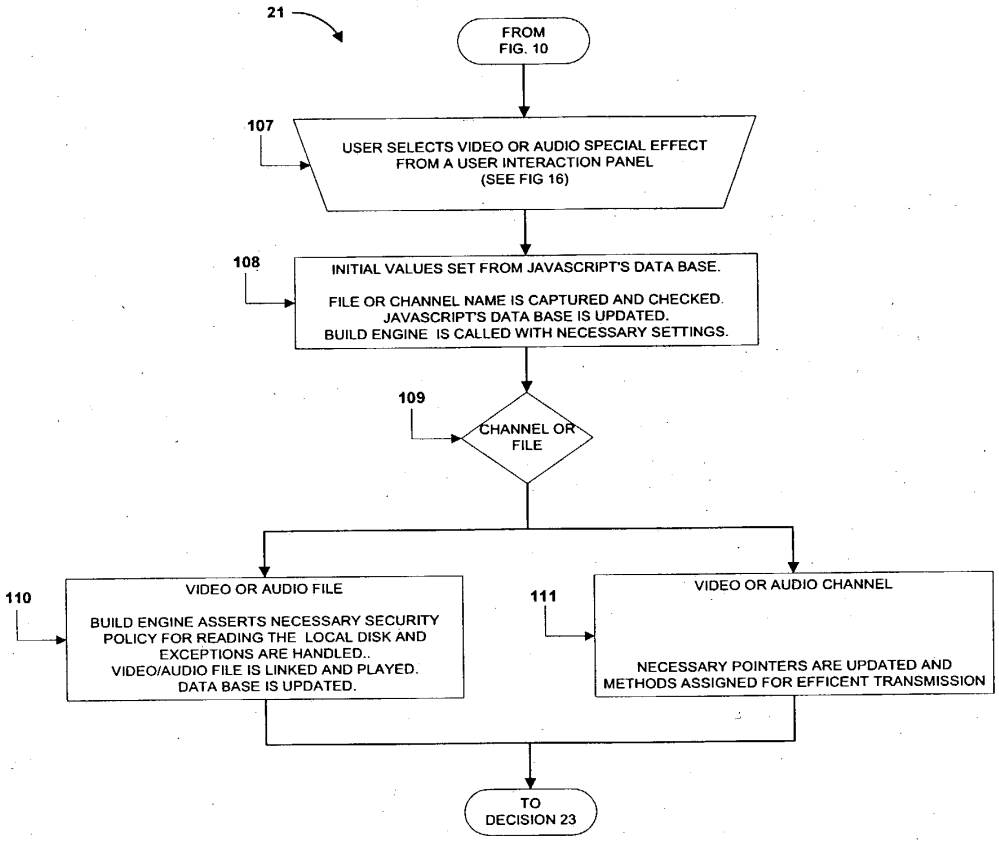


Fig. 14

VIDEO AND AUDIO FILE/CHANNEL PROCESSING

[redacted]

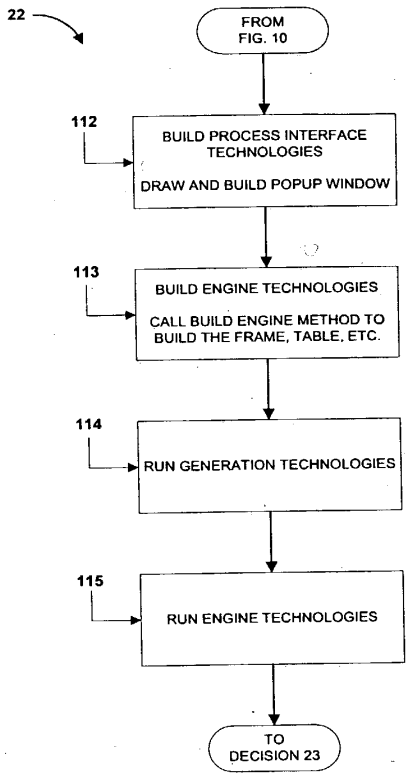


Fig. 15

FRAMES, TABLES, FORMS AND DRAW OBJECTS

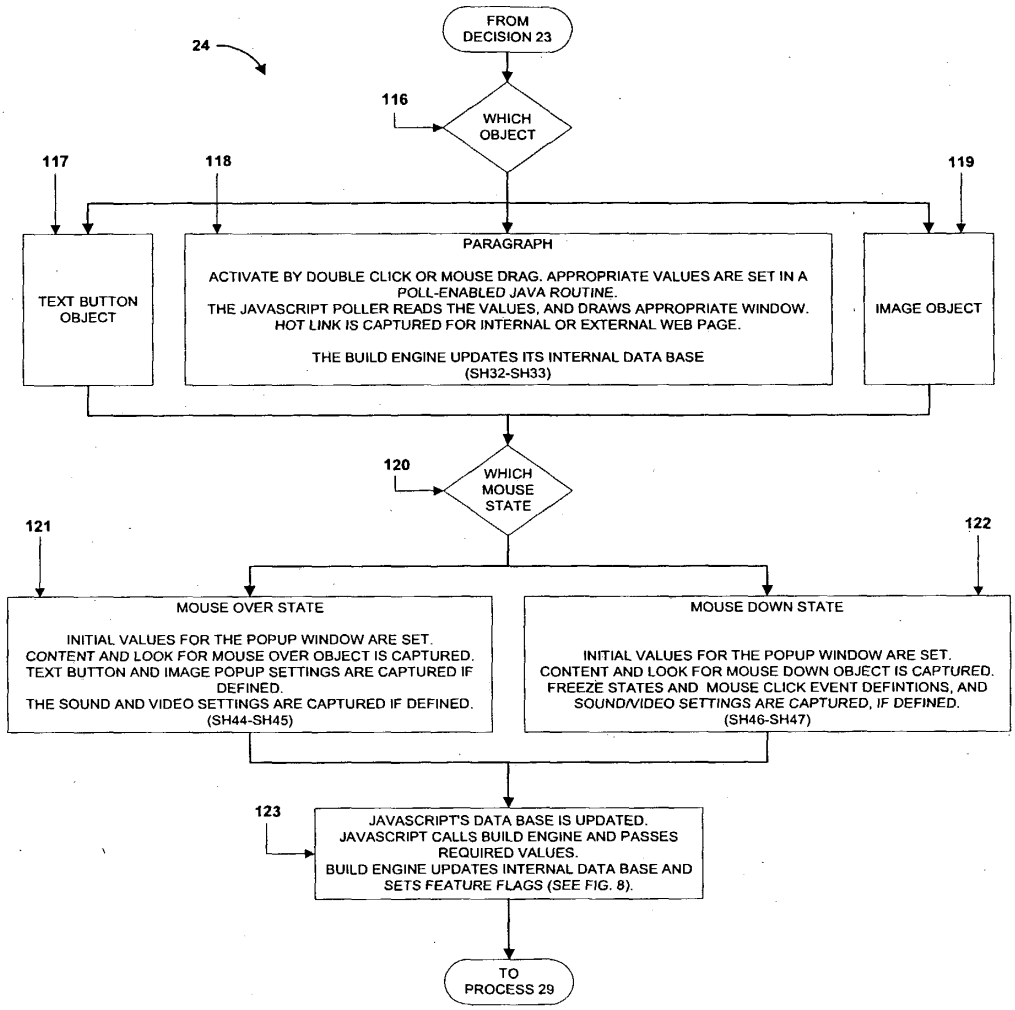


Fig. 16

USER INTERACTION SETTINGS AND TECHNOLOGY

[redacted]

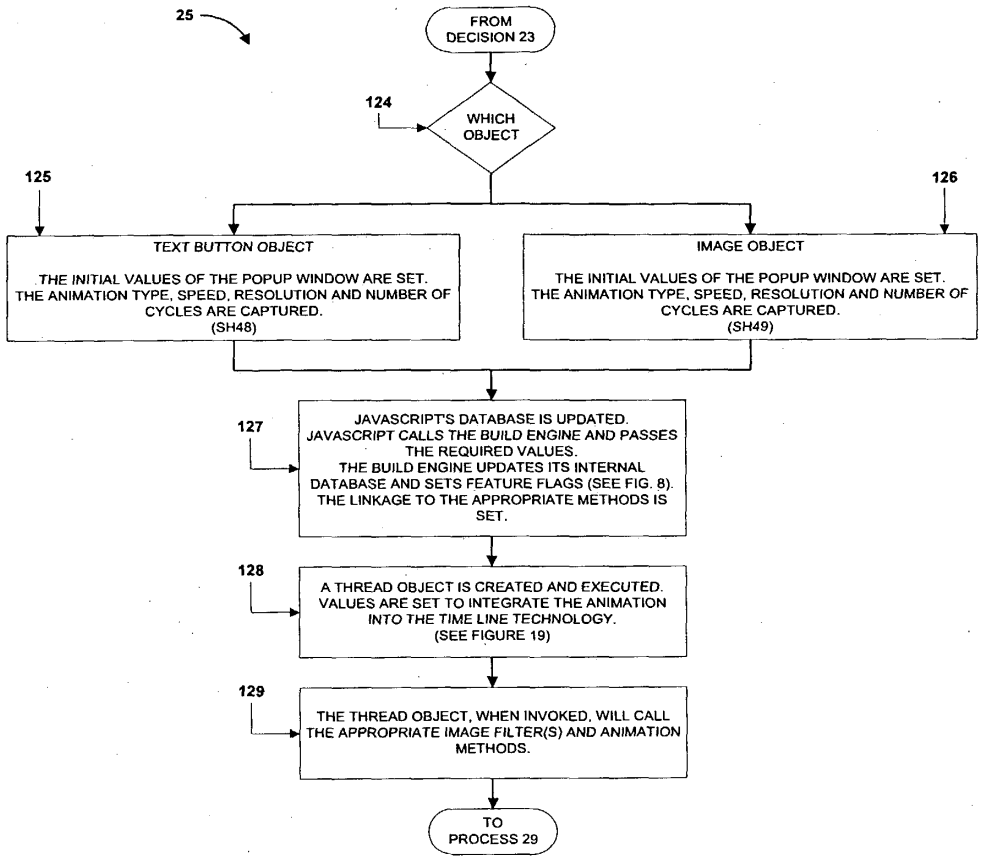


Fig. 17

ANIMATION SETTINGS AND TECHNOLOGY

[redacted]

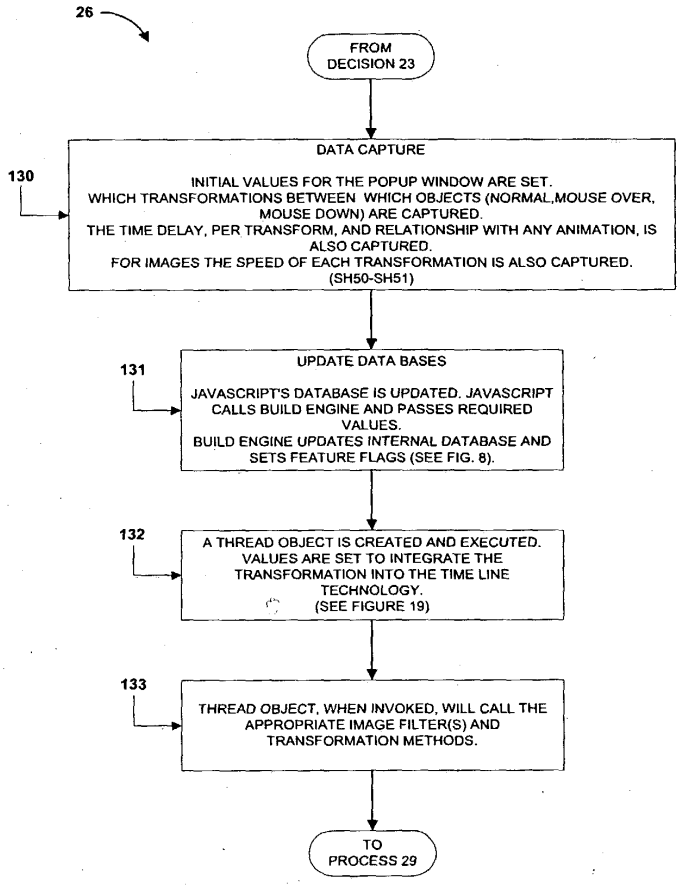


Fig. 18

TRANSFORMATION SETTINGS AND TECHNOLOGY

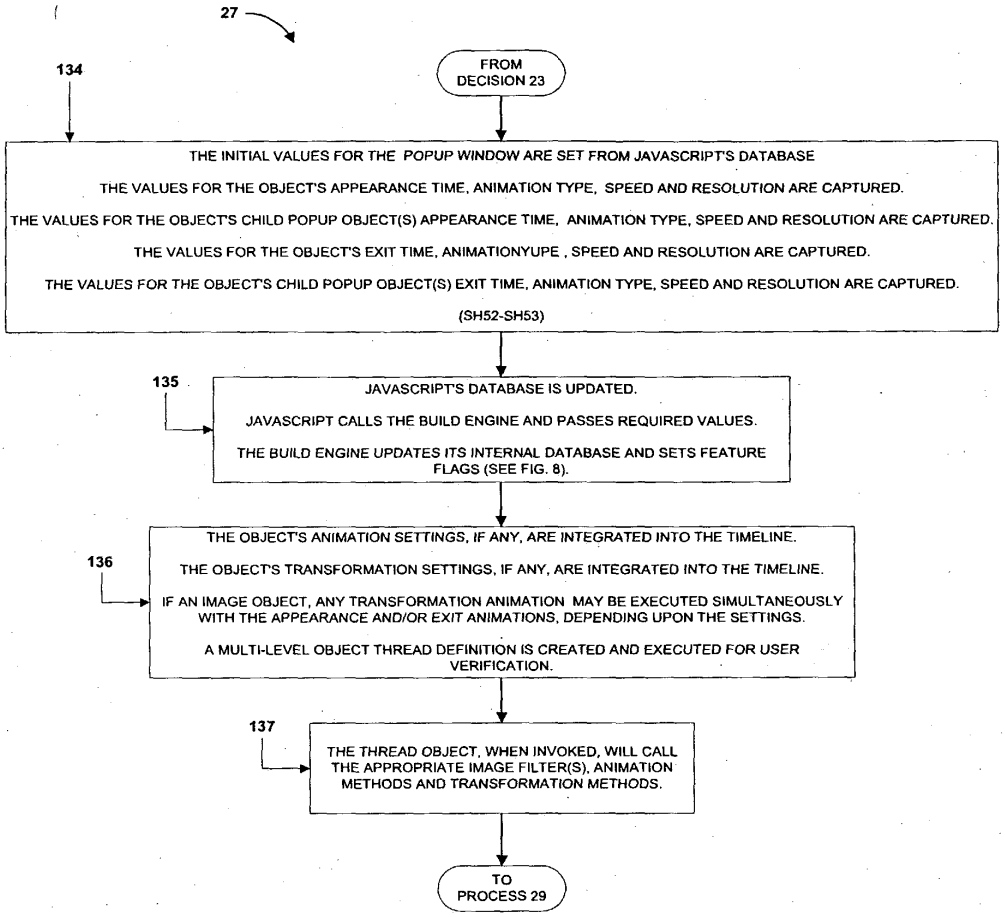


Fig. 19

OBJECT TIME LINES AND TECHNOLOGY

[redacted]

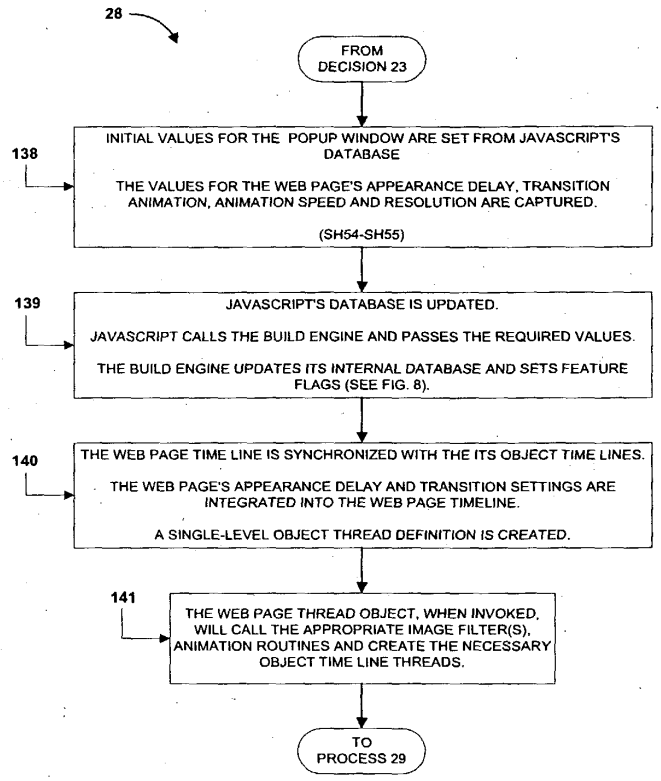


Fig. 20

WEB PAGE TRANSITION ANIMATIONS, TIME LINE SETTINGS AND TECHNOLOGY

[redacted]

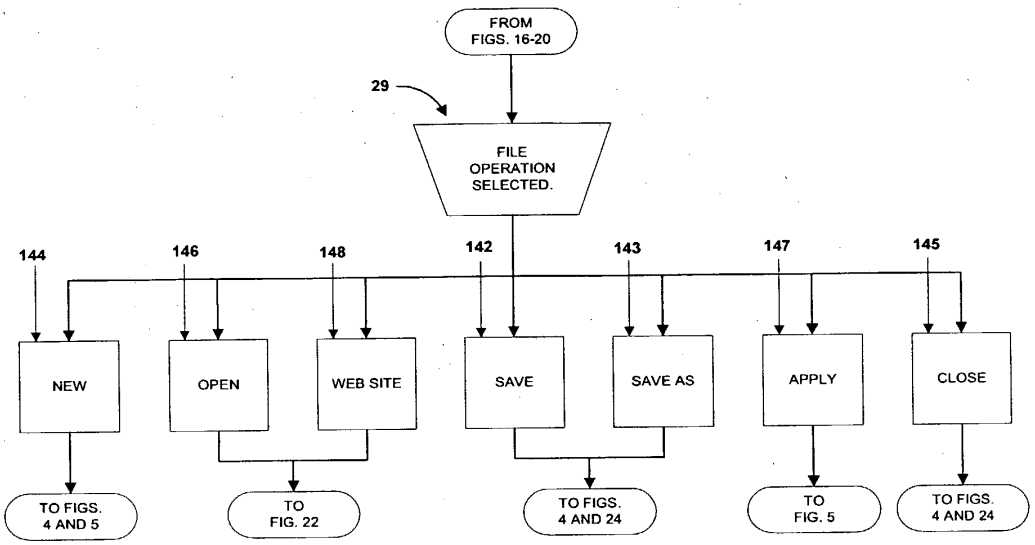


fig. 21a

FILE OPERATIONS

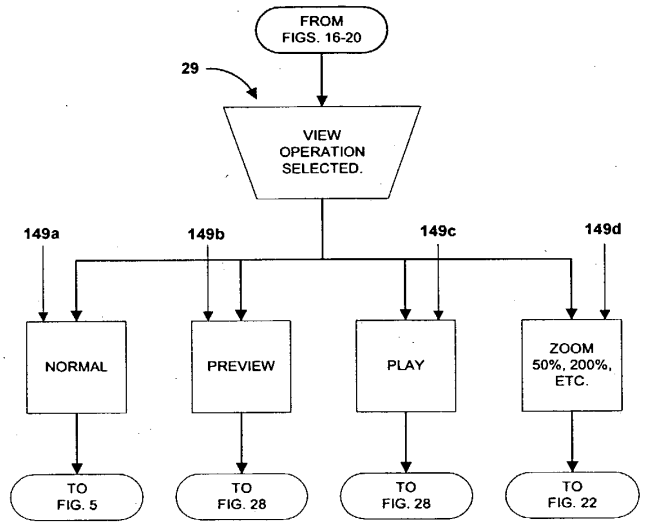


fig. 21b

VIEW OPERATIONS

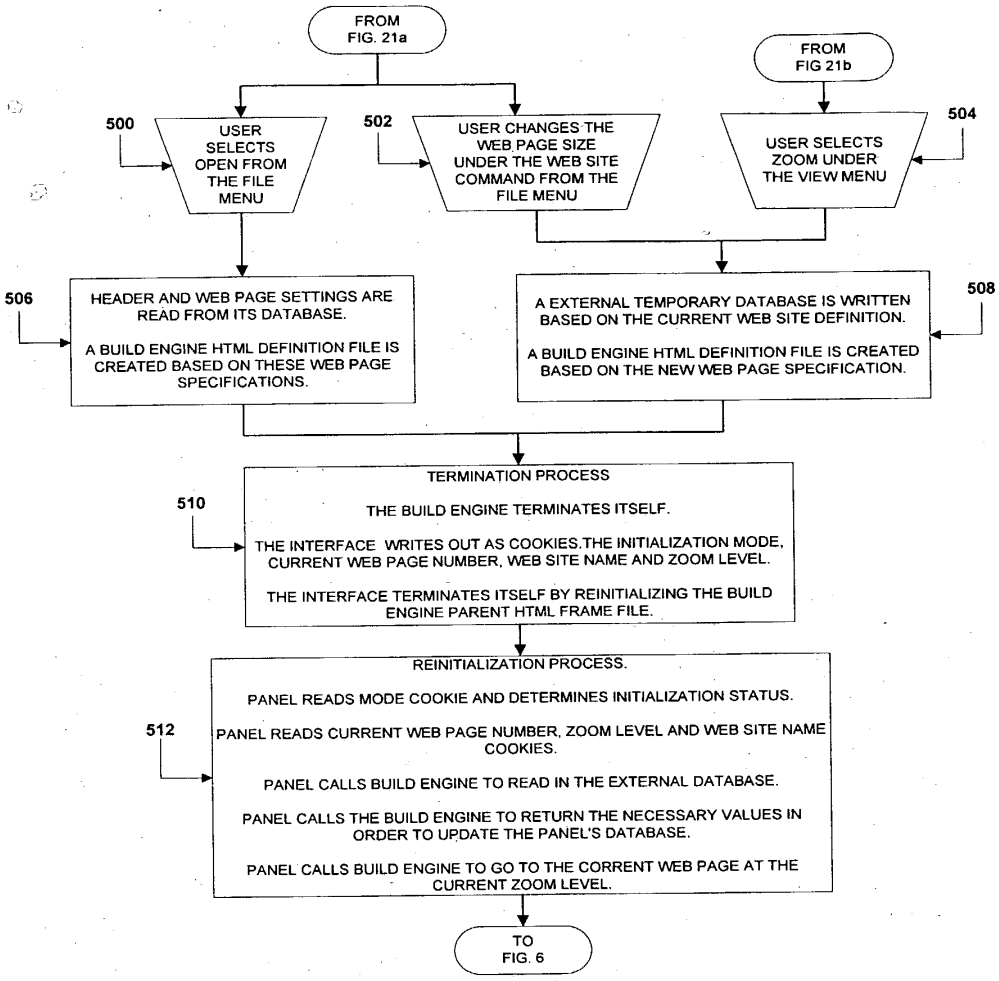


Fig. 22

DYNAMIC WEB PAGE RESIZING PROCESS

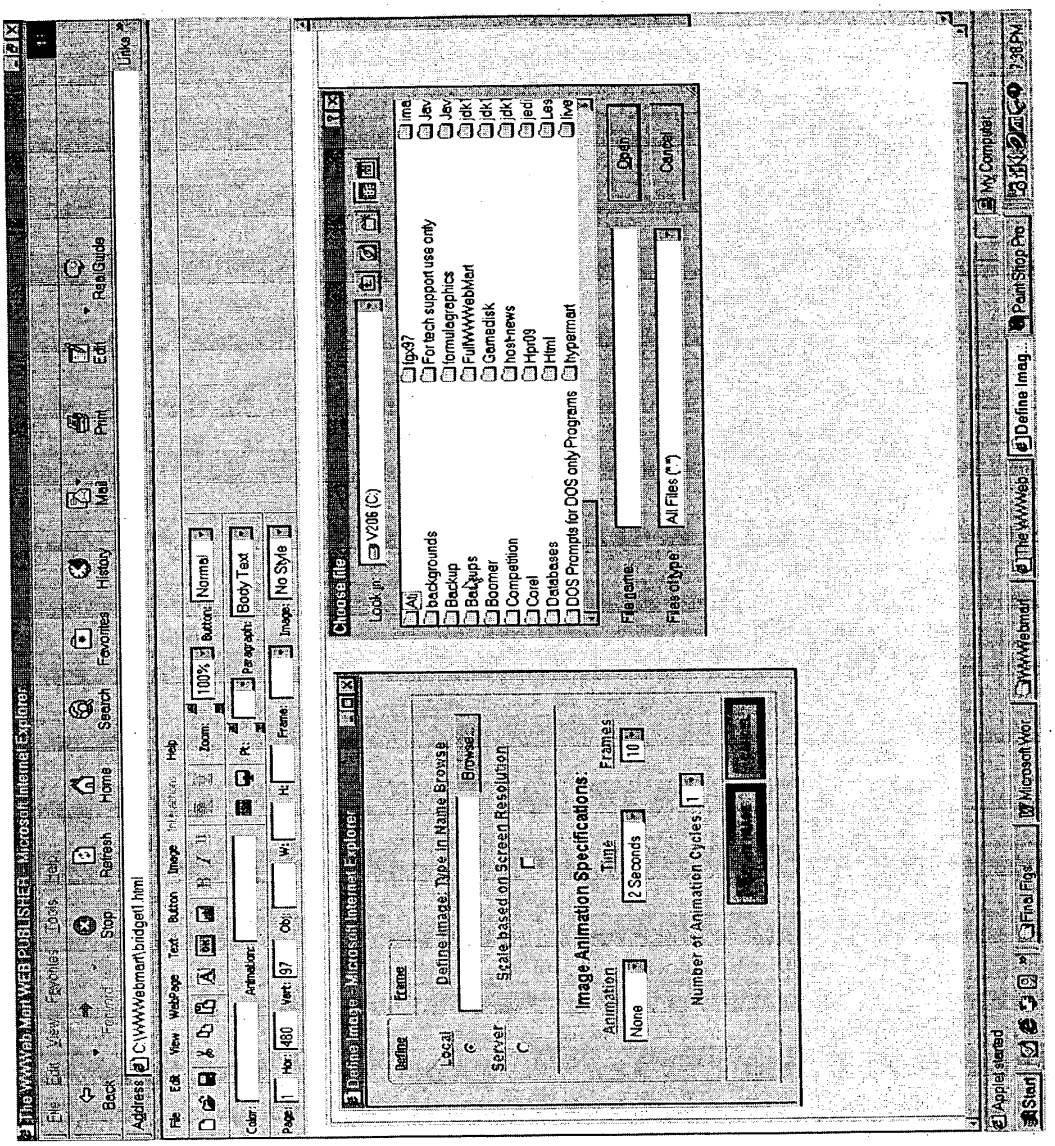


Fig. 23

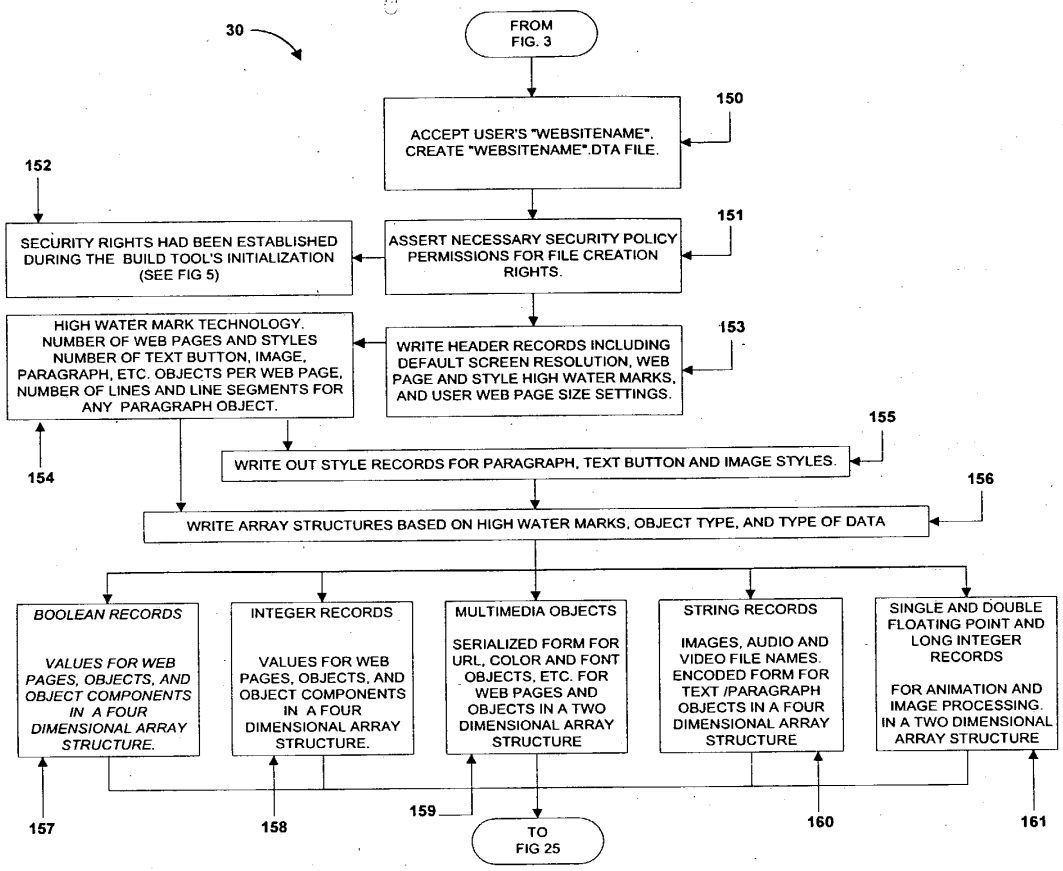


Fig. 24

EXTERNAL DATA BASE CREATION: SECURITY AND OPTIMIZATION TECHNIQUES

[redacted]

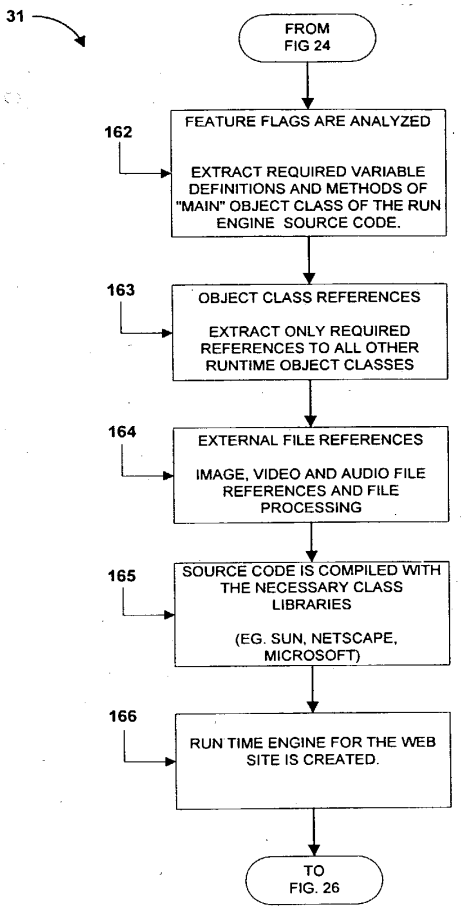


Fig. 25

CREATE CUSTOMIZED AND OPTIMIZED RUNTIME ENGINE

[redacted]

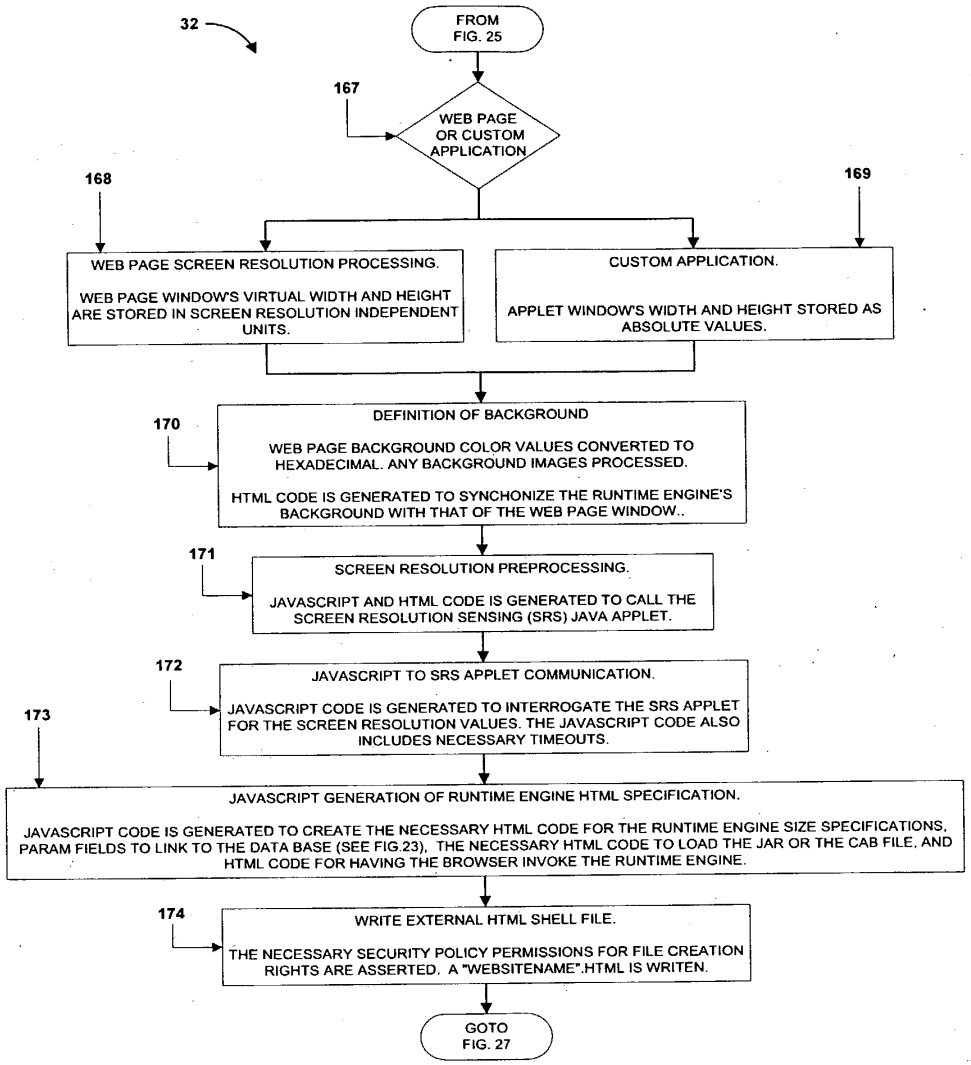


Fig. 26

CREATE THE HTML SHELL FILE

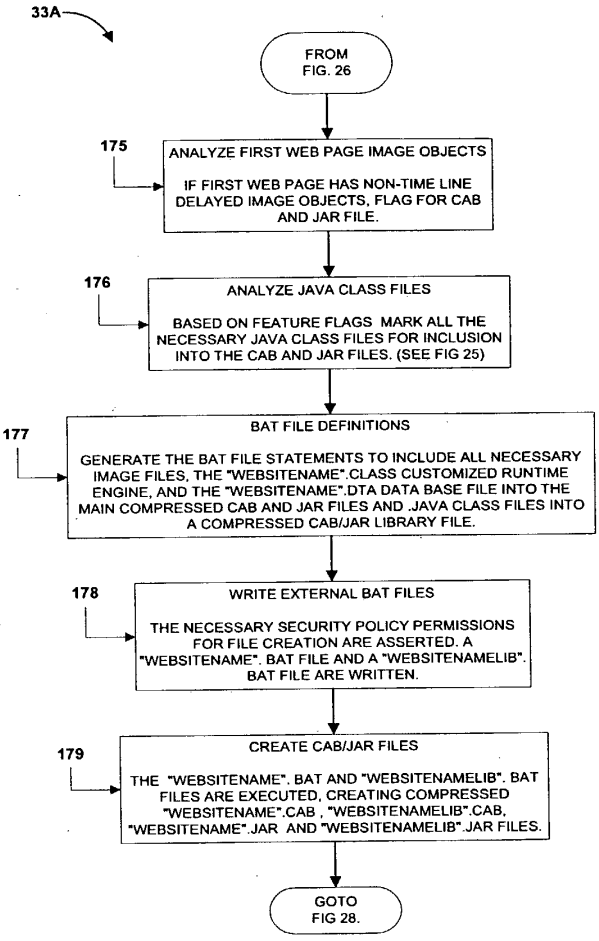


Fig. 27

CREATE THE CAB/JAR FILES

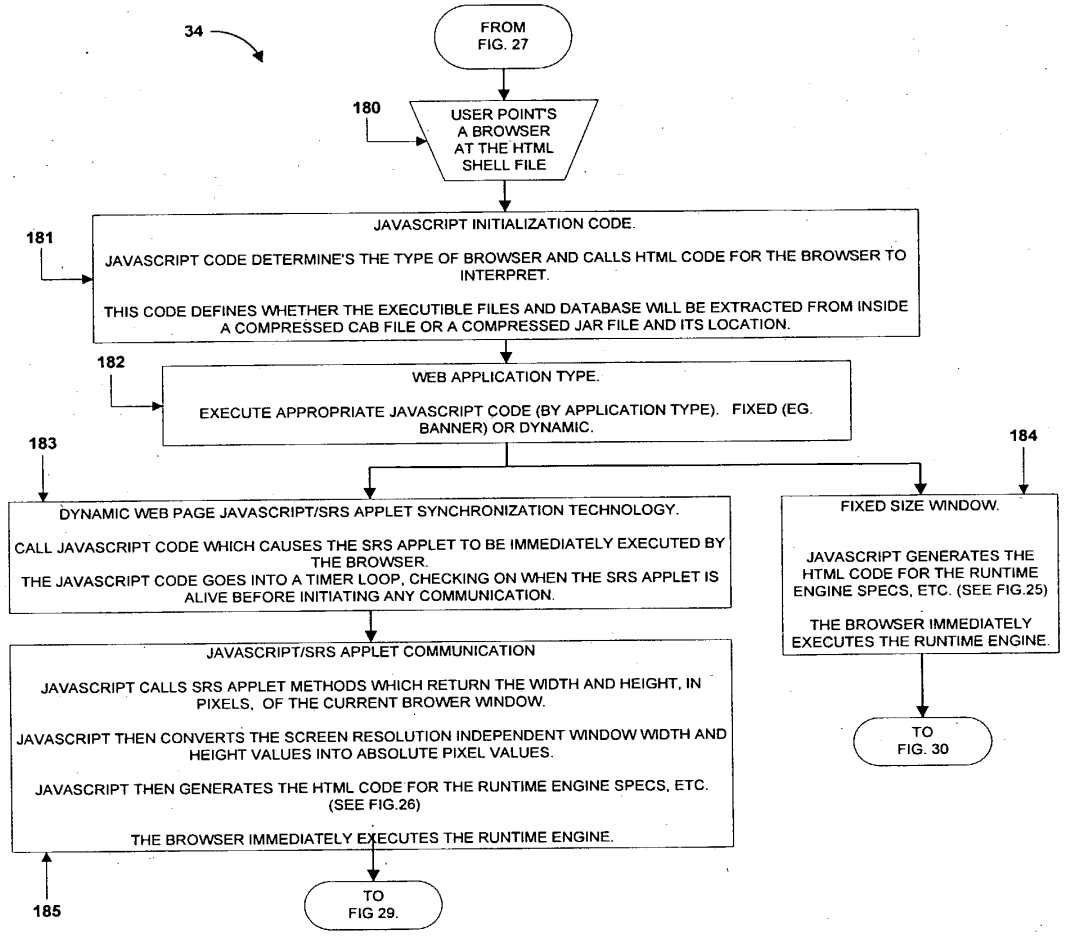


Fig. 28

WEB PAGE SIZE GENERATION TECHNOLOGY

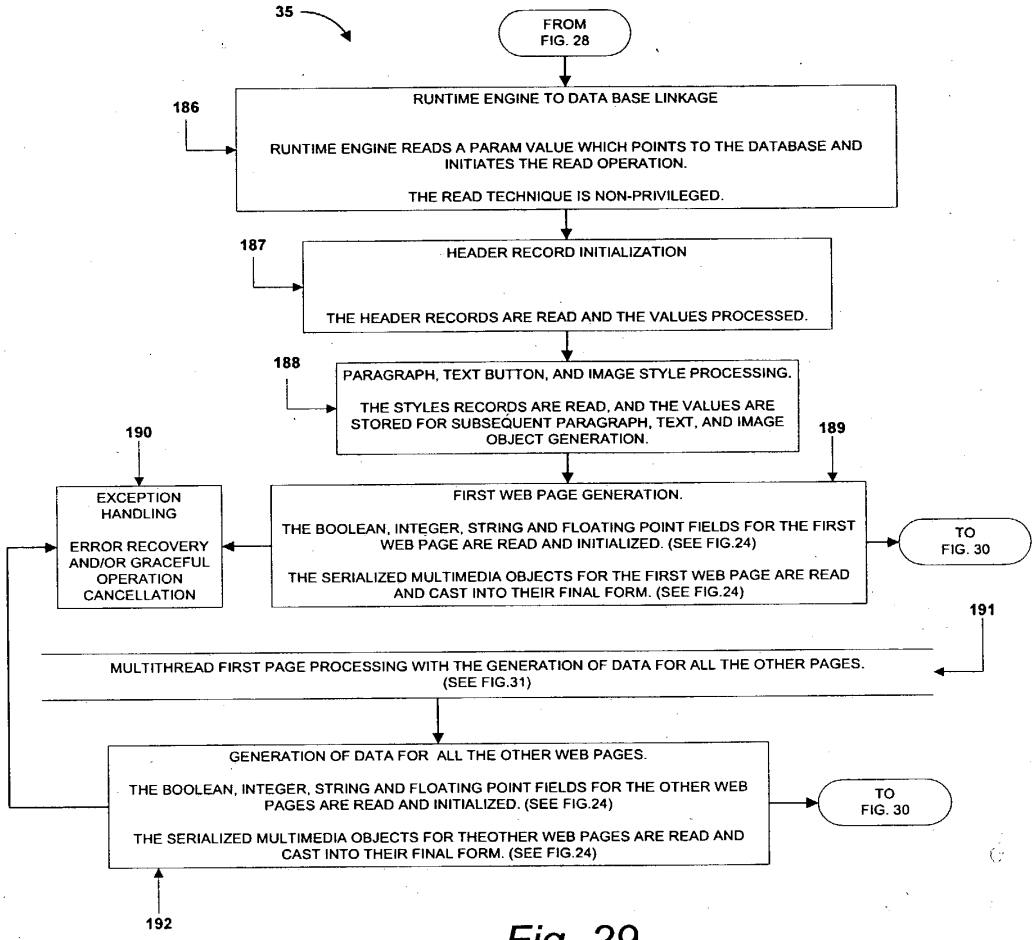


Fig. 29

READ DATA BASE AND GENERATE NECESSARY OBJECTS.

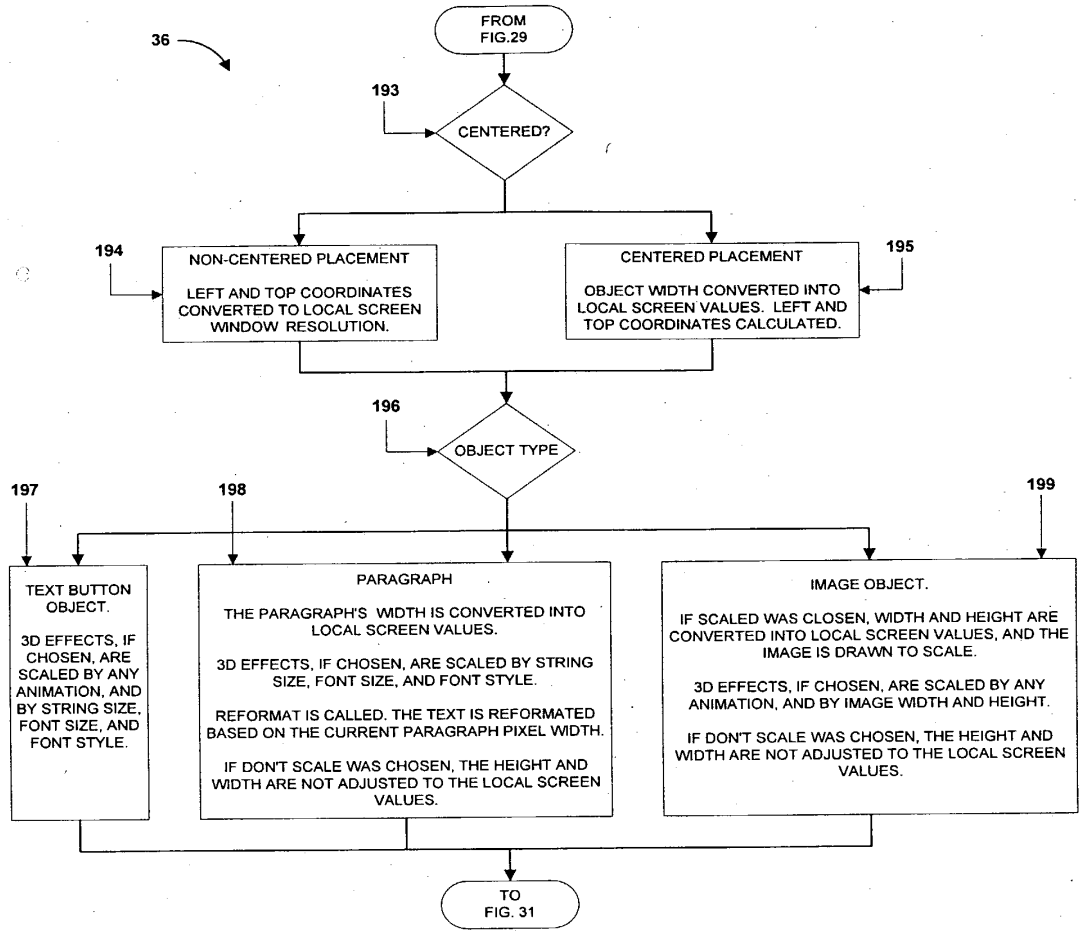


Fig. 30

WEB PAGE GENERATION WITH SCALING TECHNOLOGY

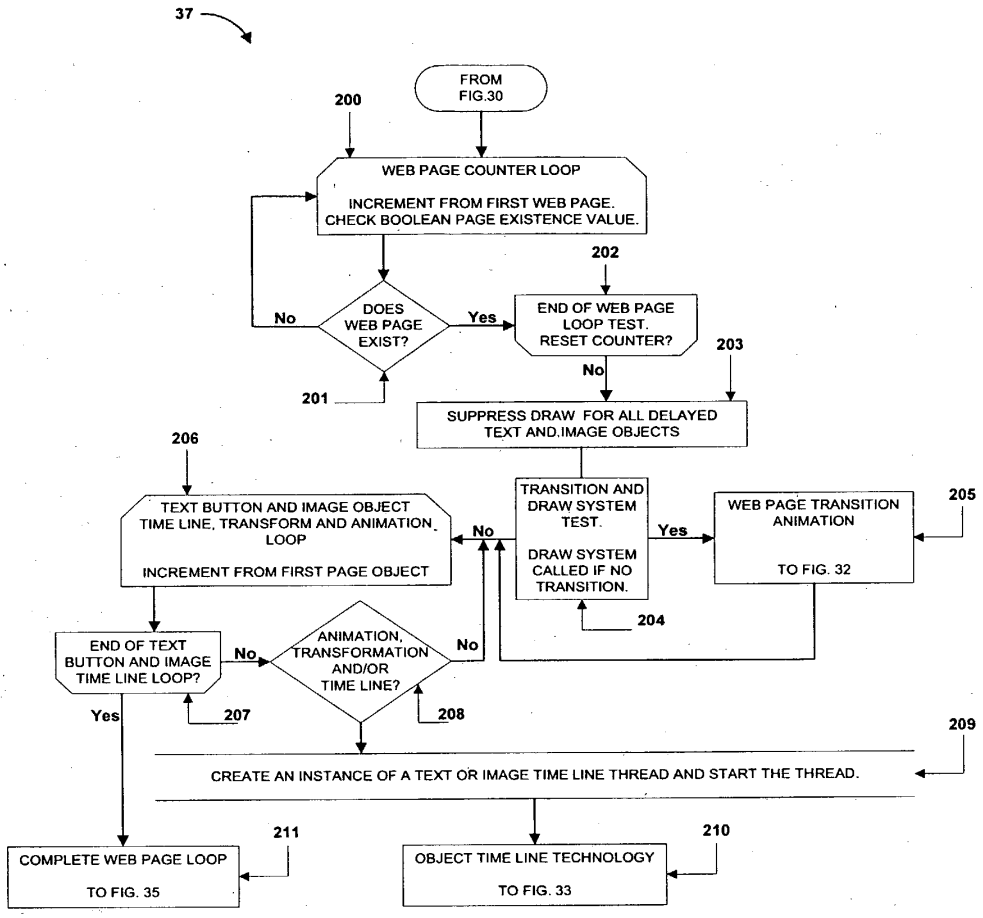


Fig. 31

THE MULTILEVEL WEB PAGE AND OBJECT THREAD TECHNOLOGY

[redacted]

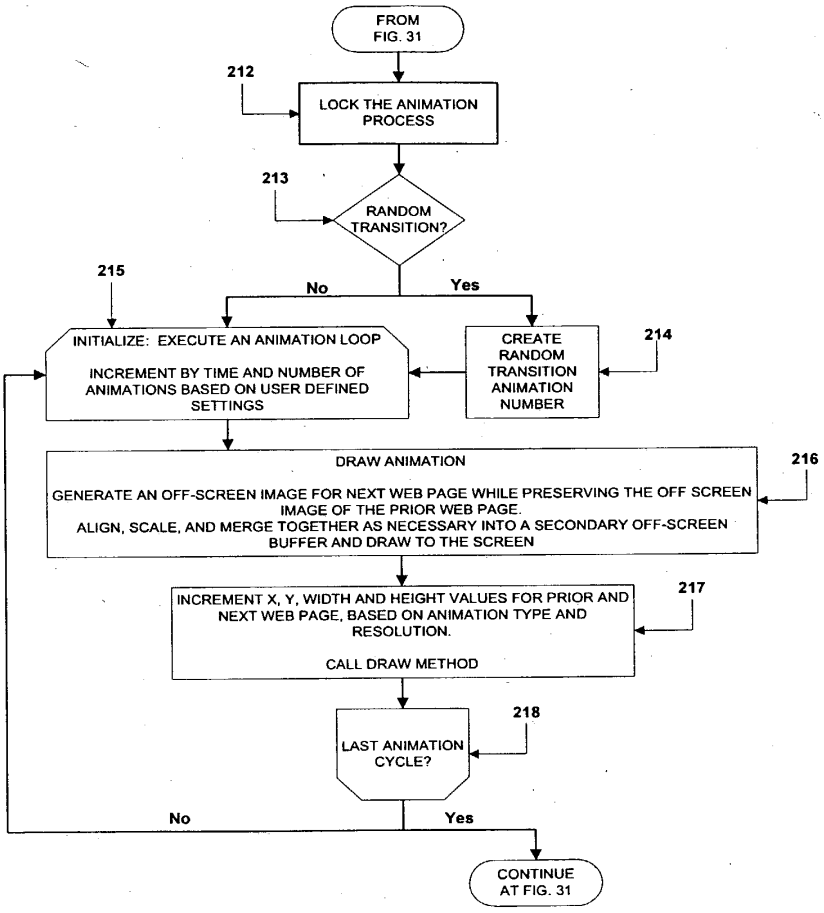


Fig. 32

WEB PAGE TRANSITION ANIMATION

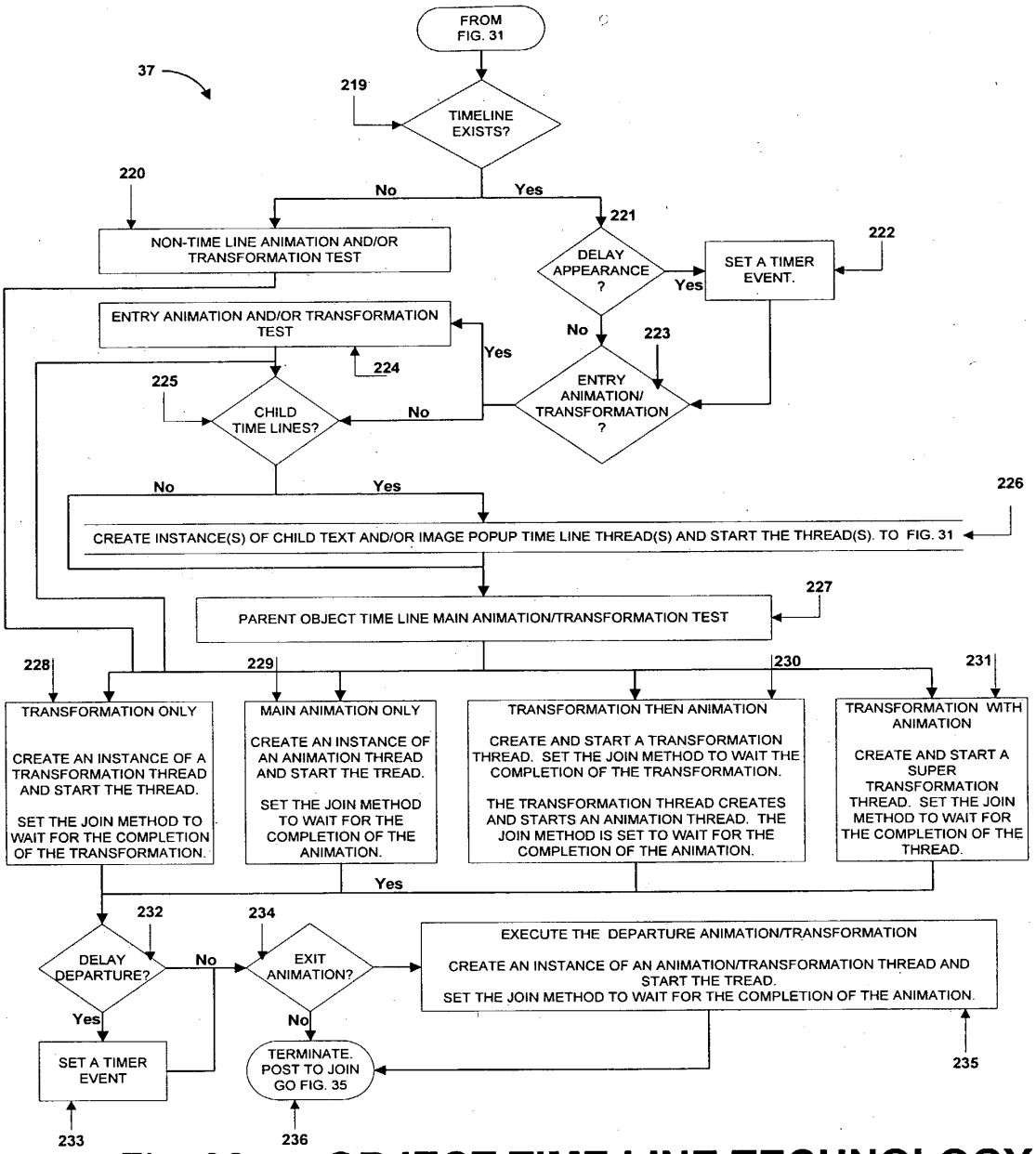


Fig. 33 **OBJECT TIME LINE TECHNOLOGY**

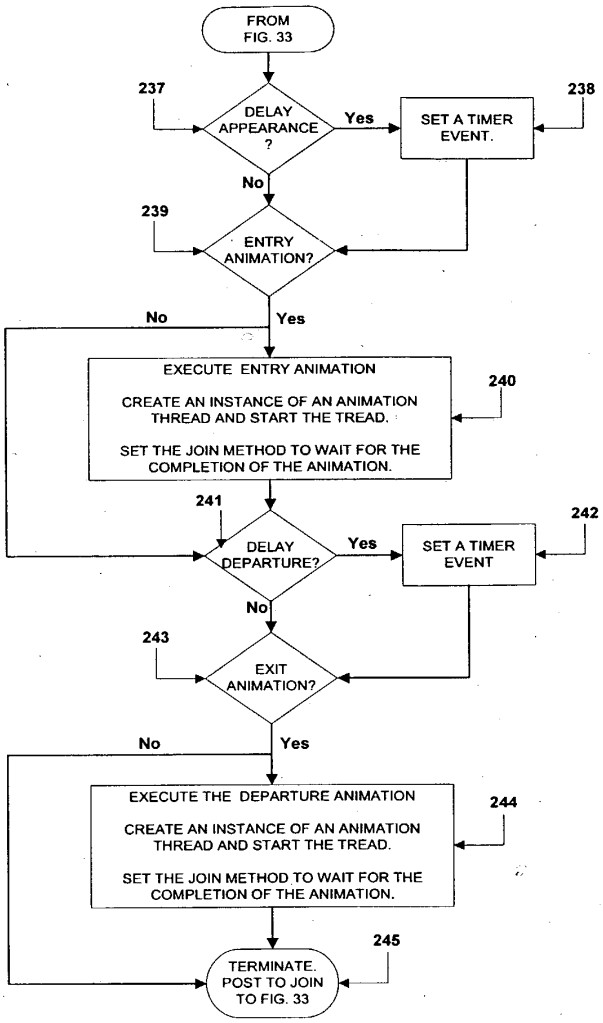


Fig. 34

CHILD TIME LINES FOR TEXT BUTTON AND IMAGE OBJECTS

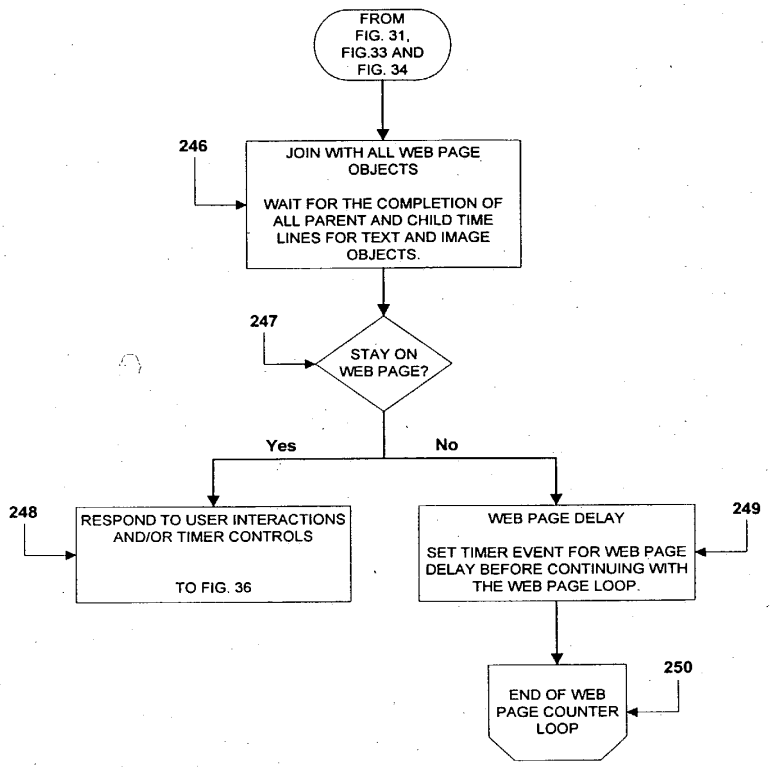


Fig. 35

COMPLETE WEB PAGE AND OBJECT THREAD LOOP

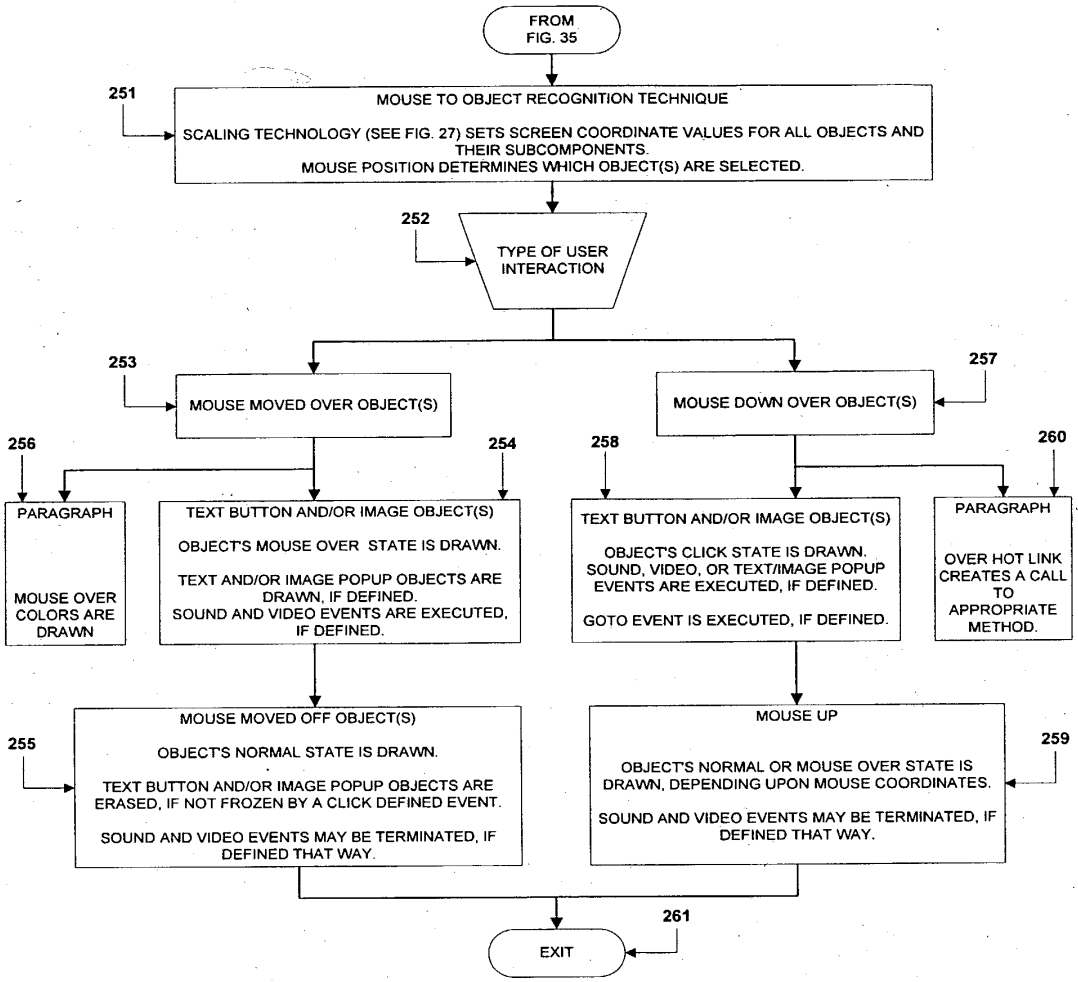


Fig. 36

RESPOND TO USER INTERACTIONS

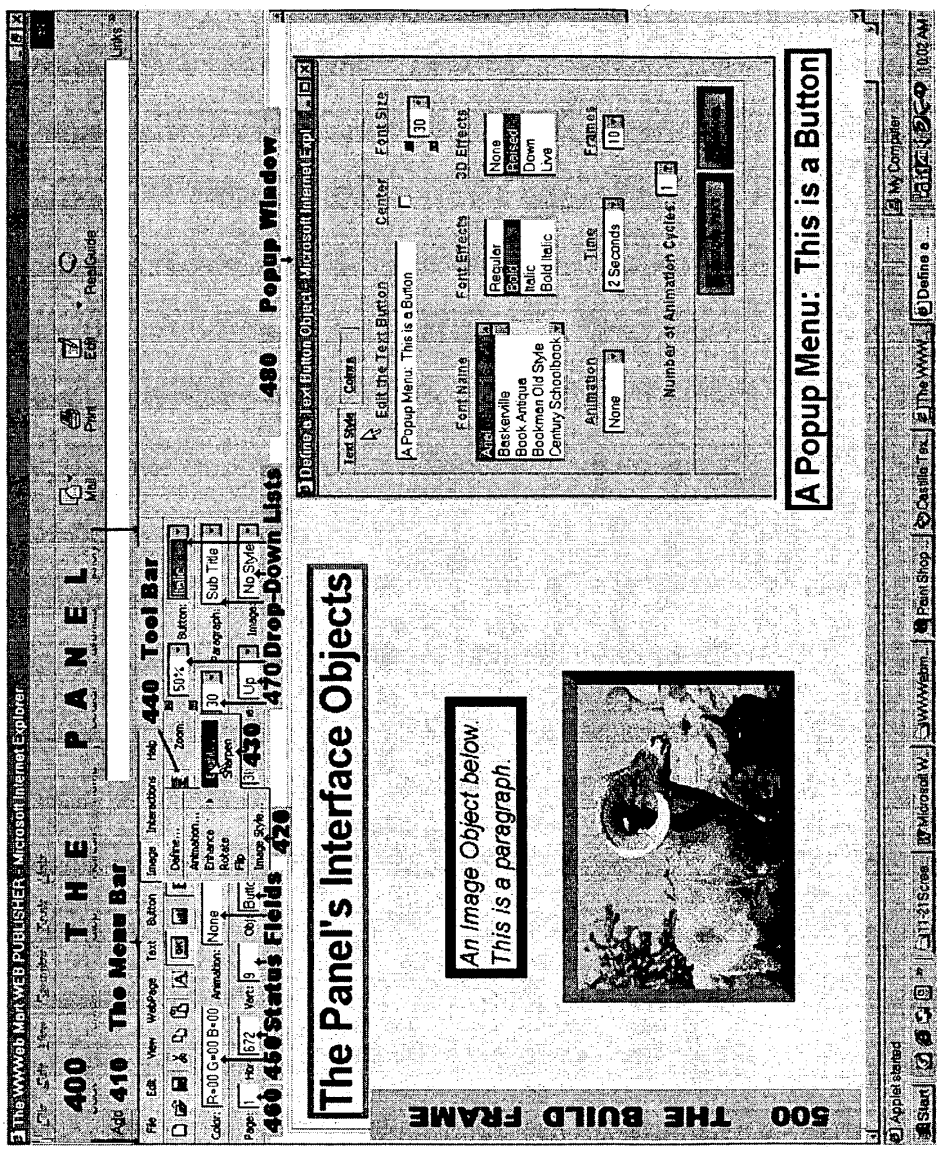

400 THE PANEL
410 The Menu Bar
440 Tool Bar
480 Popup Window
470 Drop-Down Lists
460 450 Status Fields 420
The Panel's Interface Objects
An Image Object below.
This is a paragraph.
500 THE BUILD FRAME
A Popup Menu: This is a Button

Fig. 37