507649039 12/15/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7696174

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARISTA HOLDINGS CO. LTD.	12/14/2022

RECEIVING PARTY DATA

Name:	HERMES IP MANAGEMENT LLC
Street Address:	5204 BLUEWATER DRIVE
City:	FRISCO
State/Country:	TEXAS
Postal Code:	75036

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	8712476
Patent Number:	8855720
PCT Number:	KR2006000232

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 8327259569
Email: do@longhornip.com
Correspondent Name: LONGHORN IP LLC
Address Line 1: 8105 RASOR BLVD. STE 210
Address Line 4: PLANO, TEXAS 75024

NAME OF SUBMITTER:	DO HYUNG KIM
SIGNATURE:	/Do Hyung Kim/
DATE SIGNED:	12/15/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3
source=Hermes assignment#page1.tif
source=Hermes assignment#page2.tif
source=Hermes assignment#page3.tif

Samsung v. Hermes
IPR2025-00872
Exhibit 1004

Addendum A

Patent Assignment

This patent assignment ("Assignment") is entered into as of Dec. 14, 2022 (the "Effective Date"), by and between Arista Holdings Co. Ltd., with a principal place of business at 12., Koaren Bldg, 14, Seolleung-ro 94-gil, Gangnam-gu, Seoul, Republic of Korea ("Assignor"), and Hermes IP Management LLC, a Texas Limited Liability Company, with principal place of business at 5204 Bluewater Dr., Frisco, TX 75036, USA ("Assignee").

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby irrevocably assigns, sells, grants, transfers and conveys and agrees to assign, sell, grant, transfer, and convey to Assignee, and Assignee hereby accepts and receives, all right, title, and interest throughout the world in and to:

(a) the issued patents and pending patent applications identified on Schedule 1 attached hereto and any issued patent or patent application that directly or indirectly claims or is amended to claim priority to any of the above, in whole or in part (the "Patents");

(b) to the extent not included in (a), all issued patents, rights to inventions and pending and future applications for patents under U.S. law or regulation or of any foreign country with respect to the patentable inventions from which such Patents arise, including without limitation utility patents, utility models, design patents, invention certificates, provisionals, continuations, divisionals, continuations-in-part, reexaminations, reissues, extensions and renewals, in all countries of the world, as well as any patents and patent applications to which any of the Patents or any of the foregoing directly or indirectly claim priority, in whole or in part (subcategories (a) and (b) collectively, the "Patents");

(c) all causes of action (whether known or unknown or whether currently pending, filed or otherwise) and other enforcement rights under or on account of the Patents, including without limitation all causes of action and other enforcement rights for damages, injunctive relief, and any other remedies of any kind for past, current and future infringement;

(d) all rights to collect royalties or other payments under or on account of the Patents and the foregoing subcategory (c).

Assignor agrees upon request (and at the expense) of Assignee to, and if Assignor is unable or unwilling to do so authorizes Assignee to act in Assignor's name to: execute all oaths, assignments, powers, and any other papers necessary to perform Assignor's obligations hereunder, testify in any proceeding, and otherwise take any action, and fully cooperate with Assignee to perform

Assignor's obligations hereunder, in each case, related to securing and enforcing Assignee's rights related to this Assignment.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, the parties hereto have caused this Assignment to be executed as of the Effective Date. The individuals signing for the parties represent and warrant that he or she has authority to sign for and enter into this Assignment on behalf of the respective parties.

Assignor:

Arista Holdings Co. Ltd.

By: Jungkil Nam

Name: Jungkil Nam

Title: CEO

Date: December 14, 2022

Assignee:

Hermes IP Management LLC

By: Khaled Fekih Romdhane

Name: Khaled Fekih-Romdhane

Title: Manager

Date: December 14, 2022

SCHEDULE 1

PATENTS AND PATENT APPLICATIONS

No.	Country	App.No	Issue Number
1	US	US11/911277	US8712476B2
	US	US13/466699	US8855720B2
	PCT	PCT/KR2006/00232	WO2007/145387

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.
13/466,699	10/07/2014	8855720	126587-0008CON	9208

22429 7590 09/17/2014

LOWE HAUPTMAN & HAM, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

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 0 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 Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Youngmin PARK, Seongnam-si, KOREA, REPUBLIC OF;
Hoojong KIM, Seoul, KOREA, REPUBLIC OF;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	
	Filing Date	2012-05-08
	First Named Inventor	Youngmin PARK
	Art Unit	
	Examiner Name	
	Attorney Docket Number	126587-0008CON

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
Change(s) applied to document, /B.G./ 8/28/2014	1	20060095916		2006-05-04	Nishida; Tetsu ~~KYOCERA CORPORATION~~	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1	2001-245352	JP		2001-09-07	MATSUSHITA ELECTRONICS		☐
	2	10-2003-0083896	KR		2005-04-21	LG ELECTRONICS CORP.		☐

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.S./ (07/09/2012)

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)

22429 7590 08/04/2014
LOWE HAUPTMAN & HAM, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

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.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

TITLE OF INVENTION: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	11/04/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
SOROWAR, GOLAM	2649	455-566000

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 Lowe Hauptman&Ham, LLP
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: SK TELECOM CO., LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY): SEOUL, REPUBLIC OF KOREA

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 credits any overpayment, to Deposit Account Number 071337 (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ☐ Applicant certifying micro entity status. See 37 CFR 1.29 — NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ☐ Applicant asserting small entity status. See 37 CFR 1.27 — NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ☐ Applicant changing to regular undiscounted fee status. — NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Yoon S. Ham/ Date August 26, 2014

Typed or printed name Yoon S. Ham Registration No. 45307

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Electronic Patent Application Fee Transmittal

Application Number:	13466699
Filing Date:	08-May-2012
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Filer:	Yoon Ham/Hee Jeong An
Attorney Docket Number:	126587-0008CON

Filed as Large 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	1501	1	960	960
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**960**

Electronic Acknowledgement Receipt

EFS ID:	19968242
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	26-AUG-2014
Filing Date:	08-MAY-2012
Time Stamp:	14:55:04
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$960
RAM confirmation Number	1203
Deposit Account	071337
Authorized User	HAM, YOON S
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees) Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	126587-0008CON_IF.pdf	162926 06eacd9de0b7ba3fc2a7548a0f61e34ca910631a	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30495 8beed115362139b7c51dc3e2130bc93dccdd7c04	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	193421		

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

NOTICE OF ALLOWANCE AND FEE(S) DUE

22429 7590 08/04/2014
LOWE HAUPTMAN & HAM, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

EXAMINER
SOROWAR, GOLAM

ART UNIT	PAPER NUMBER
2649	

DATE MAILED: 08/04/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

TITLE OF INVENTION: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	11/04/2014

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 ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

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.

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)

22429 7590 08/04/2014
LOWE HAUPTMAN & HAM, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

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.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

TITLE OF INVENTION: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	11/04/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
SOROWAR, GOLAM	2649	455-566000

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 credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ❑ Applicant certifying micro entity status. See 37 CFR 1.29 — NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27 — NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ❑ Applicant changing to regular undiscounted fee status. — NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 08/04/2014

LOWE HAUPTMAN & HAM, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

EXAMINER	
SOROWAR, GOLAM	
ART UNIT	PAPER NUMBER
2649	

DATE MAILED: 08/04/2014

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

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.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Examiner-Initiated Interview Summary	**Application No.** 13/466,699	**Applicant(s)** PARK ET AL.	
	Examiner GOLAM SOROWAR	**Art Unit** 2649	

All participants (applicant, applicant's representative, PTO personnel):

(1) *GOLAM SOROWAR*. (3)_____.

(2) *Sang Yoon Kang*. (4)_____.

Date of Interview: *19 July 2013*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☐103 ☒Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: _____.

Identification of prior art discussed: _____.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Double Patenting Issues have been discussed. Applicant's representative agreed to file Terminer Desclaimer.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/GOLAM SOROWAR/ Examiner, Art Unit 2649	

Notice of Allowability	Application No. 13/466,699	Applicant(s) PARK ET AL.	
	Examiner GOLAM SOROWAR	Art Unit 2649	AIA (First Inventor to File) Status No

-- 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 *07/02/2014*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *1,3,5-7,10,11,13,14,17-20 and 23-25*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   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.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ 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. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☐ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/GOLAM SOROWAR/
Examiner, Art Unit 2649

The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

Allowable Subject Matter

Claims 1, 3, 5-7, 10, 11, 13, 14, 17-20 are 23-25 are allowed.

Reason for Allowance

The closest prior art (US 20060030371) teaches, "*A method of setting an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screen usable as the idle screen, the method comprising selecting application programs from applications programs installed in the mobile terminal, based on a selection from a user, wherein each of the selected application programs is allocated to one of the screens so that the screens present shortcut icons of the applications programs allocated thereto, displaying, in the idle state, one of the screens as the idle screen on a display unit of the mobile terminal, wherein the displayed idle screen presents the shortcut icons corresponding to the application program allocated thereto, displaying, in response to an idle screen switch request, a next one of the screens on the display unit according an order of the screens*."

However, the closest prior art does not teach, "*setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state, wherein the idle screen is displayed on the display unit with indicators corresponding to the*

screens, and an indicator corresponding to the screen, which is set as the idle screen, is displayed distinguishably from the rest of the indicators."

Therefore, the following is an examiner's statement of reasons for allowance:

The claimed subject matter as a whole is not taught or suggested by the closest prior 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."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GOLAM SOROWAR whose telephone number is (571)270-3761. The examiner can normally be reached on MON-FRI: 7:00 am-5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, EDWARD F. URBAN can be reached on (571) 272-7899. 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.

/GOLAM SOROWAR/
Examiner, Art Unit 2649

Examiner-Initiated Interview Summary	**Application No.** 13/466,699	**Applicant(s)** PARK ET AL.	
	Examiner GOLAM SOROWAR	**Art Unit** 2649	

All participants (applicant, applicant's representative, PTO personnel):

(1) *GOLAM SOROWAR*. (3)_____.

(2) *Sang Yoon Kang*. (4)_____.

Date of Interview: *19 July 2013*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☐103 ☒Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: _____.

Identification of prior art discussed: _____.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

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☐ Attachment

/GOLAM SOROWAR/ Examiner, Art Unit 2649	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	566, 418, 412.1, 550.1,	7/28/2014	GS
345	212, 213, 156, 473	7/28/2014	GS
715	838, 744, 810, 817, 243	7/28/2014	GS

SEARCH NOTES		
Search Notes	Date	Examiner
EAST	7/28/2014	GS
PALM inventor search	3/27/2014	GS
Checked the parent case for double patentin rejection	3/27/2014	GS
IEEE	7/28/2014	GS
NPL	7/28/2014	GS
Google Patent	7/28/2014	GS
Google Scholar	7/28/2014	GS
PLUS search	7/28/2014	GS
	7/28/2014	GS

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
455	566, 418, 412.1, 550.1,	7/28/2014	GS

/GOLAM SOROWAR/ Examiner.Art Unit 2649	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
345	212, 213, 156, 473	7/28/2014	GS
715	838, 744, 810, 817, 243	7/28/2014	GS

/GOLAM SOROWAR/ Examiner.Art Unit 2649	

EAST Search History

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	19133	(plura$5 near3 screen).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2014/07/28 14:22
L7	34	((plura$5 near3 screen) and (idle near2 screen)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2014/07/28 14:23
L8	23	((plura$5 near3 screen) and (idle near2 screen) near3 displa$4).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2014/07/28 14:23
L9	12	((plura$5 near3 screen) and (idle near2 screen) near3 displa$4 and indicat$4).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2014/07/28 14:23
L10	10	((plura$5 near3 screen) and (idle near2 screen) near3 displa$4 and indicat$4 and mobile).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2014/07/28 14:24
L11	3	((plura$5 near3 screen) and (idle near2 screen) near3 displa$4 and indicat$4 and mobile and application).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2014/07/28 14:24

7/28/2014 2:25:24 PM
C:\Users\gsorowar\Documents\EAST\Workspaces\13594489.wsp

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	**Art Unit**
	GOLAM SOROWAR	2649

CPC							
Symbol						**Type**	**Version**
H04M		1	/	7258		A	2013-01-01
H04M		1	/	72522		F	2013-01-01
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			/				
			/				

CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
			/					
			/					

(Assistant Examiner)	(Date)	**Total Claims Allowed:** 16	
/GOLAM SOROWAR/ Examiner.Art Unit 2649	07/28/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	2

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2649

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION	
CLASS	SUBCLASS	CLAIMED	NON-CLAIMED
455	566	H 0 4 M 1 / 00 (2006.01.01)	

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
715	810	813			

(Assistant Examiner)	(Date)	Total Claims Allowed: 16	
/GOLAM SOROWAR/ Examiner.Art Unit 2649	07/28/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	2

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	**Art Unit**
	GOLAM SOROWAR	2649

☐ 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
1	1	11	17												
	2	13	18												
2	3	14	19												
	4	15	20												
3	5		21												
4	6		22												
5	7	7	23												
	8	12	24												
	9	16	25												
6	10														
8	11														
	12														
9	13														
10	14														
	15														
	16														

(Assistant Examiner)	(Date)	**Total Claims Allowed:** 16	
/GOLAM SOROWAR/ Examiner.Art Unit 2649	07/28/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	2

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/08/2012	11/18/2012	06/24/2013	11/07/2013	03/27/2014	07/28/2014			
1	1	✓	✓	✓	✓	✓	=			
	2	✓	✓	✓	✓	✓	-			
2	3	✓	✓	✓	✓	✓	=			
	4	✓	-	-	-	-	-			
3	5	✓	✓	✓	✓	✓	=			
4	6	✓	✓	✓	✓	✓	=			
5	7	✓	✓	✓	✓	✓	=			
	8	✓	-	-	-	-	-			
	9	✓	-	-	-	-	-			
6	10	✓	✓	✓	✓	✓	=			
8	11	✓	✓	✓	✓	✓	=			
	12	✓	-	-	-	-	-			
9	13	✓	✓	✓	✓	✓	=			
10	14	✓	✓	✓	✓	✓	=			
	15	✓	-	-	-	-	-			
	16	✓	-	-	-	-	-			
11	17	✓	✓	✓	✓	✓	=			
13	18	✓	✓	✓	✓	✓	=			
14	19	✓	✓	✓	✓	✓	=			
15	20	✓	✓	✓	✓	✓	=			
	21		✓	✓	✓	✓	-			
	22		✓	✓	✓	✓	-			
7	23			✓	✓	✓	=			
12	24			✓	✓	✓	=			
16	25			✓	✓	✓	=			
	26					O	-			
	27					✓	-			
	28					O	-			
	29					✓	-			
	30					O	-			

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
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON

CONFIRMATION NO. 9208

22429
LOWE HAUPTMAN & HAM, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

POA ACCEPTANCE LETTER

OC000000069854661

Date Mailed: 07/29/2014

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 07/25/2014.

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.

/sleutchit/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

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
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CONFIRMATION NO. 9208

22429
LOWE HAUPTMAN & HAM, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

POWER OF ATTORNEY NOTICE

OC000000069854651

Date Mailed: 07/29/2014

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 07/25/2014.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/sleutchit/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PTO/SB/25 (08-11)
Approved for use through 07/31/2012. 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.

TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING REJECTION OVER A PENDING "REFERENCE" APPLICATION	Docket Number (Optional) 126587-0008CON

In re Application of: Youngmin PARK et al.

Application No.: 13/466,699

Filed: May 8, 2012

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

The owner*, SK TELECOM CO., LTD., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending **reference** Application Number 11/911,277, filed June 15, 2006, as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the **reference** application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said **reference** application, "as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application," in the event that: any such patent: granted on the pending **reference** application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☑ The undersigned is an attorney or agent of record. Reg. No. 45307

/Yoon S. Ham/ — Signature
2014-07-25 — Date

Yoon S. Ham — Typed or printed name

703-535-7340 — Telephone Number

☑ Terminal disclaimer fee under 37 CFR 1.20(d) is included.

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.

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this statement. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. 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 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.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/SB/96 (07-09)
Approved for use through 07/31/2012. 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.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Youngmin PARK et al.

Application No./Patent No.: 13466699 Filed/Issue Date: MAY 8, 2012

Titled: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

SK TELECOM CO., LTD. , a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;

2. ☐ an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 028175, Frame 0805, or for which a copy therefore is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Yoon S. Ham/ July 25, 2014

Signature Date

Yoon S. Ham 45,307

Printed or Typed Name Title

This collection of information is required by 37 CFR 3.73(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 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.**

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Post-AIA GPA

POWER OF ATTORNEY TO PROSECUTE APPLICTIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 C.F.R. §3.73(c).

I hereby appoint practitioners associated with Customer Number: **22429**

Lowe Hauptman Ham & Berner, LLP

Telephone: +1-703-684-1111

Email: docketing@ipfirm.com

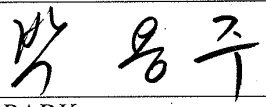
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as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 C.F.R. §3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 C.F.R. §3.73(c) to the address associated with Customer Number: **22429**

Legal Name and Address of Assignee:
Name: **SK Telecom Co., Ltd.**
Address: 11, Euljiro 2-ga, Jung-gu, Seoul 100-999, Republic of Korea

Note-A copy of this form, together with a statement under 37 C.F.R. §3.73(c) is required to be filed in each application in which this form is used. The statement under 37 C.F.R. §3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

Signature of Assignee of Record: The individual whose signature and title are supplied below is authorized to act on behalf of the assignee:	
Signature: 	Date: September 21, 2012
Name: Yong-Ju PARK	Telephone: +82-2-6100-3462
Title: Senior Vice President, Legal Office, SK Telecom Co., Ltd.	

Electronic Acknowledgement Receipt

EFS ID:	19685299
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	25-JUL-2014
Filing Date:	08-MAY-2012
Time Stamp:	13:53:47
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	Terminal Disclaimer Filed	Terminal_Disclaimer.pdf	342093 6a79c6c2d910d282237a71420d616f374c2c29f6	no	2
Warnings:					
Information:					

2	Assignee showing of ownership per 37 CFR 3.73.	373b.pdf	422718 7a6400acad94a6efbc47b40d7dbfe845b8ec0814	no	2
Warnings:					
Information:					
3	Power of Attorney	SKT_Telecom_GPA.PDF	52974 c124a9f259d2f886209cd11070c9b4836a6230f3	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	817785		

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.

Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination	
	13/466,699	PARK ET AL.	

Document Code - DISQ	Internal Document – DO NOT MAIL

TERMINAL DISCLAIMER	☒ APPROVED	☐ DISAPPROVED
Date Filed : 7/25/14	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:
ANDRE ROBINSON

U.S. Patent and Trademark Office

PTO/SB/25 (08-11)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING REJECTION OVER A PENDING "REFERENCE" APPLICATION	Docket Number (Optional) 126587-0008CON

In re Application of: Youngmin PARK et al.

Application No.: 13/466,699

Filed: May 8, 2012

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

The owner*, SK TELECOM CO., LTD., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending **reference** Application Number 11/911,277, filed June 15, 2006, as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the **reference** application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said **reference** application, "as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application," in the event that: any such patent: granted on the pending **reference** application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☑ The undersigned is an attorney or agent of record. Reg. No. 45307

/Yoon S. Ham/	2014-07-24
Signature	Date
Yoon S. Ham	
Typed or printed name	
703-535-7340	
Telephone Number	

☑ Terminal disclaimer fee under 37 CFR 1.20(d) is included.

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.

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this statement. See MPEP § 324.

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I hereby appoint practitioners associated with Customer Number: **22429**

Lowe Hauptman Ham & Berner, LLP

Telephone: +1-703-684-1111

Email: docketing@ipfirm.com

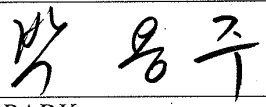
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as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 C.F.R. §3.73(c).

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Legal Name and Address of Assignee:
Name: **SK Telecom Co., Ltd.**
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Signature of Assignee of Record: The individual whose signature and title are supplied below is authorized to act on behalf of the assignee:	
Signature: 	Date: September 21, 2012
Name: Yong-Ju PARK	Telephone: +82-2-6100-3462
Title: Senior Vice President, Legal Office, SK Telecom Co., Ltd.	

Electronic Acknowledgement Receipt

EFS ID:	19669418
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	24-JUL-2014
Filing Date:	08-MAY-2012
Time Stamp:	11:23:15
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	Terminal Disclaimer Filed	Terminal_Disclaimer.pdf	342091 9bab09b505917d53f25a4d7d01e7e9009a4b68c7	no	2

Warnings:	
Information:	

2	Power of Attorney	SKT_Telecom_GPA.PDF	52974 c124a9f259d2f886209cd11070c9b4836a6230f3	no	1
Warnings:					
Information:					
			Total Files Size (in bytes):	395065	

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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
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Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination	
	13/466,699	PARK ET AL.	

Document Code - DISQ	Internal Document – DO NOT MAIL

TERMINAL DISCLAIMER	☐ APPROVED	☒ DISAPPROVED
Date Filed : 7/24/14	**This patent is subject to a Terminal Disclaimer**	

Approved/Disapproved by:

ANDRE ROBINSON

[X] A 3.73(B) CERTIFICATE IS REQUIRED IN ORDER TO VALIDATE THE POWER OF ATTORNEY

DOCKET NO.

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention (Design, if applicable) entitled: METHOD AND APPARATUS FOR PROVIDING SPIN-HOME FUNCTION FOR MOBILE COMMUNICATION TERMINAL

the specification of which (check one):

- ☐ is attached hereto.
- ☐ was filed on _____ as U.S. Patent Application No. _____.
- ☑ was filed on 15 JUNE 2006 as International Application (PCT) No. PCT/KR2006/002302, and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose material information as defined in *Title 37, Code of Federal Regulations, § 1.56*. I hereby claim foreign priority benefits under *Title 35, United States Code § 119* of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which the priority is claimed.

PRIOR FOREIGN APPLICATION(S)

NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED
			☐ Yes ☐ No
			☐ Yes ☐ No

I hereby claim the benefit under *Title 35, United States Code, § 120* of any United States application(s) or PCT international application(s) designating The United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of *Title 35, United States Code, § 112*, I acknowledge the duty to disclose material information as defined in *Title 37, Code of Federal Regulations, § 1.56* which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (Patented, Pending or Abandoned)
PCT/KR2006/002302	15 JUNE 2006	PENDING

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under *Section 1001 of Title 18 of the United States Code*, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I (We) hereby appoint as my (our) attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Allan M. Lowe, Registration Number 19,641; Benjamin J. Hauptman, Registration Number 29,310; Kenneth M. Berner, Registration Number 37,093; James J. Bindseil, Registration Number 42,326; Randy A. Noranbrock, Registration Number 42,940; David E. Dougherty, Registration Number 19,576 Raymond J. Ho, Registration No. 41,838; and Cameron H. Tousi, Registration No. 43,197.

Send correspondence to:
LOWE HAUPTMAN & BERNER, LLP
CUSTOMER NO. 22429
1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314

TELEPHONE CALLS TO:
Yoon S. Ham
(703) 535-7340

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from _____ to any actions to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys will be so notified by the undersigned.

☐ *See following page(s) for additional joint inventors.*

(1) Full name of sole or first inventor: PARK, Youngmin
Inventor's signature: Park, Youngmin Date: September 10, 2007
Residence : Gyeonggi-do, Republic of Korea
Citizenship: Republic of Korea

DOCKET NO.

Post Office Address: 121-701, Jangmimaeulkolon Apt., Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, 463-788, Republic of Korea

(3) Full name of sole or first inventor: **KIM, Hoojong**	
Inventor's signature: Kim, Hoojong	Date: September 10, 2007
Residence : Seoul, Republic of Korea	
Citizenship: Republic of Korea	
Post Office Address: 7-108, Gaepo 1cha Woosung Apt., 503 Daechi 1-dong, Gangnam-gu, Seoul, 135-281, Republic of Korea	

PTO/SB/25 (08-11)
Approved for use through 07/31/2012. 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.

TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING REJECTION OVER A PENDING "REFERENCE" APPLICATION

Docket Number (Optional): 126587-0008CON

In re Application of: Youngmin PARK et al.

Application No.: 13/466,699

Filed: May 8, 2012

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

The owner*, SK TELECOM CO., LTD., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending **reference** Application Number 11/911,277, filed June 15, 2006, as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the **reference** application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said **reference** application, "as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application," in the event that: any such patent: granted on the pending **reference** application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☑ The undersigned is an attorney or agent of record. Reg. No. 45307

/Yoon S. Ham/ — Signature
2014-07-22 — Date

Yoon S. Ham — Typed or printed name

703-535-7340 — Telephone Number

☑ Terminal disclaimer fee under 37 CFR 1.20(d) is included.

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.

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this statement. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. 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 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.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	19642002
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	22-JUL-2014
Filing Date:	08-MAY-2012
Time Stamp:	10:11:56
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	Power of Attorney	GPA.pdf	194708 c40fec67a326f1b832e79d4d5a8de372e47f9c9f	no	2
Warnings:					
Information:					

2	Terminal Disclaimer Filed	Terminal_Disclaimer.pdf	342091 a43881a09094a53a84660753cf5141b52e8208ac	no	2

Warnings:	
Information:	
Total Files Size (in bytes):	536799

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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.

Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination	
	13/466,699	PARK ET AL.	

Document Code - DISQ	Internal Document – DO NOT MAIL

TERMINAL DISCLAIMER	☐ APPROVED	☒ DISAPPROVED
Date Filed : 7/22/14	**This patent is subject to a Terminal Disclaimer**	

Approved/Disapproved by:

Felicia D. Roberts

The person who signed the terminal disclaimer does not have power of attorney, and thus, is not of record. (See FP 14.29. fti)

(Note: PoA can be given to a customer number, wherein all practitioners listed under the customer number have PoA. If PoA is given to a list of practitioners by registration number, the list may not comprise more than 10 practitioners, or a separate paper signed by a 37 CFR 1.33(b) party must be in the record identifying which of the practitioners, up to 10, are recognized as having PoA. A representative of the assignee, who is not of record, cannot sign the TD unless it is established that the representative is a party authorized to act on behalf of the assignee.)

Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination	
	13/466,699	PARK ET AL.	

Document Code - DISQ	Internal Document – DO NOT MAIL

TERMINAL DISCLAIMER	☐ APPROVED	☒ DISAPPROVED
Date Filed : July 18, 2014	**This patent is subject to a Terminal Disclaimer**	

Approved/Disapproved by:

Henry D Jefferson

[x] The person who signed the terminal disclaimer:
[ ] failed to state his/her capacity to sign for the business/organization entity. (See FP 14.28.)
[ ] is not recognized as an officer of the assignee. (See FP 14.29.)
[x] does not have power of attorney, and thus, is not of record. (See FP 14.29.01.)

(Note: Power of Attorney (PoA) can be given to a customer number, wherein all practitioners listed under the customer number have PoA. If PoA is established by a list of practitioners, the list must not comprise more than 10 practitioners. A representative of the assignee, who is not the attorney of record, cannot sign the TD unless it is established that the representative is a party authorized to act on behalf of the assignee.)

PTO/SB/25 (08-11)
Approved for use through 07/31/2012. 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.

TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING REJECTION OVER A PENDING "REFERENCE" APPLICATION

Docket Number (Optional): 126587-0008CON

In re Application of: Youngmin PARK et al.

Application No.: 13/466,699

Filed: May 8, 2012

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

The owner*, SK TELECOM CO., LTD., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending **reference** Application Number 11/911,277, filed June 15, 2006, as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the **reference** application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

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Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☑ The undersigned is an attorney or agent of record. Reg. No. 45307

/Yoon S. Ham/ — Signature
2014-07-18 — Date

Yoon S. Ham — Typed or printed name

703-535-7340 — Telephone Number

☑ Terminal disclaimer fee under 37 CFR 1.20(d) is included.

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*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this statement. See MPEP § 324.

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Privacy Act Statement

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	13466699
Filing Date:	08-May-2012
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Filer:	Yoon Ham/Hee Jeong An
Attorney Docket Number:	126587-0008CON

Filed as Large 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:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Statutory or Terminal Disclaimer	1814	1	160	160
		Total in USD ($)		**160**

Electronic Acknowledgement Receipt

EFS ID:	19620696
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	18-JUL-2014
Filing Date:	08-MAY-2012
Time Stamp:	14:42:49
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$160
RAM confirmation Number	901
Deposit Account	071337
Authorized User	HAM, YOON S

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer Filed	Terminal_Disclaimer.pdf	342092 d8f2b0307c7066111bce1378280370faaa1cfd2b	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30338 0af4f8208925bfeb779ddc072ea84a09e26a3f65	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	372430		

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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

In re Application of	:	
	:	
Youngmin PARK et al.	:	Confirmation No.: 9208
	:	
U.S. Patent Application No. 13/466,699	:	Group Art Unit: 2649
	:	
Filed: May 8, 2012	:	Examiner: SOROWAR, GOLAM

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

AMENDMENT

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir/Madam:

The following amendments and remarks are submitted in response to the Office Action dated April 3, 2013.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (**Currently Amended**) A method of setting an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screens usable as the idle screen, the method comprising:

selecting application programs from application programs installed in the mobile terminal, based on a selection from a user, wherein each of the selected application programs is allocated to one of the screens so that the screens present shortcut icons of the application programs allocated thereto;

displaying, in the idle state, one of the screens as the idle screen on a display unit of the mobile terminal, wherein the displayed idle screen presents the shortcut icons corresponding to the application programs allocated thereto;

displaying, in response to an idle screen switch request, a next one of the screens on the display unit according to an order of the screens; and

setting a currently displayed screen as the idle screen to be displayed in the idle state, wherein

the idle screen is displayed on the display unit with indicators corresponding to the screens, and

an indicator corresponding to the screen, which is set as the idle screen, is displayed distinguishably from the rest of the indicators.

2. (Cancelled)

3. (Previously Presented) The method as claimed in claim 1, wherein the selecting comprises displaying, on the display unit, the shortcut icons of the application programs.

4. (Cancelled)

5. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is inputted from a key button positioned on the mobile phone.

6. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is a leftward or rightward movement request.

7. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order.

8-9. (Cancelled)

10. (Previously Presented) The method as claimed in claim 1, wherein the screens display an operating condition of the mobile terminal in common, and the displayed operating condition comprises power utilization and radio wave reception strength.

11. (**Currently Amended**) A mobile terminal for setting an idle screen to be displayed in an idle state among a plurality of screens usable as the idle screen, the mobile terminal comprising:

a user interface configured to be operable by a user;

a display unit; and

a control unit configured to:

select application programs from application programs installed in the mobile terminal, based on an input from the user interface, wherein each of the selected application programs is allocated to one of the screens so that the screens present shortcut icons of the application programs allocated thereto;

display, in the idle state, one of the screens as the idle screen on the display unit of the mobile terminal, wherein the currently displayed idle screen presents the shortcut icons corresponding to the application programs allocated thereto;

display, in response to an idle screen switch request from the user interface, a next one of the screens on the display unit according to an order of the screens, and

set a currently displayed screen as the idle screen to be displayed in the idle state,

wherein the control unit is configured to display, on the display unit, the idle screen with indicators corresponding to the screens, and

wherein an indicator corresponding to the screen, which is set as the idle screen, is displayed distinguishably from the rest of the indicators.

12. (Cancelled)

13. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the idle screen switch request is a leftward or rightward movement request.

14. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order.

15-16. (Cancelled)

17. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the display unit is further configured to display at least one icon for indicating an operating condition of the mobile terminal and said at least one icon remains displayed even with the idle screen switch request, wherein the operating condition comprises at least one of power utilization, radio wave reception strength and time.

18. (**Currently Amended**) A non-transitory computer-readable recording medium for storing a program for setting an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screens usable as the idle screen, wherein the program, when executed by the mobile terminal, instructs the mobile terminal to perform:

selecting application programs from application programs installed in the mobile terminal, based on an input from a user, wherein each of the selected application programs is allocated to one of the screens so that the screens presents shortcut icons of the application programs allocated thereto;

displaying, in the idle state, one of the screens as the idle screen on a display unit of the mobile terminal, wherein the displayed idle screen presents the shortcut icons corresponding to the application programs allocated thereto;

displaying, in response to an idle screen switch request, a next one of the screens on the display unit according to an order of the screens; and

setting a currently displayed screen as the idle screen to be displayed in the idle state, wherein

the idle screen is displayed on the display unit with indicators corresponding to the screens, and

an indicator corresponding to the screen, which is set as the idle screen, is displayed distinguishably from the rest of the indicators.

19. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the idle screen switch request is a leftward or rightward movement request.

20. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the screens display an operating condition of the mobile terminal in common, and the displayed operating condition comprises at least one of power utilization, radio wave reception strength and time.

21-22. (Cancelled)

23. (Previously Presented) The method as claimed in claim 1, wherein the order of the screens is usable in a circular manner.

24. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the order of the screens is usable in a circular manner.

25. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the order of the screens is usable in a circular manner.

26-30. (Cancelled)

REMARKS

Applicant appreciates the Examiner's thorough review of the present application and respectfully requests reconsideration in light of the preceding amendments and the following remarks.

Claims 1, 11 and 18 have been amended. Claims 2 and 26-30 have been further cancelled without prejudice or disclaimer. No new matter has been introduced through the foregoing amendments. Claims 1, 3, 5-7, 10, 11, 13, 14, 17-20 and 23-25 are pending in this application.

Double Patenting

Claims 1-3, 5-7, 10-11, 13-14 and 17-30 were rejected on the ground of non-statutory obviousness-type double patenting as being unpatentable over claims 1-2, 4-9 and 11-24 of U.S. 11/911,277. However, the double patenting rejection is believed overcome in light of currently amended claims.

The features of (i) "the idle screen is displayed on the display unit with indicators corresponding to the screens, and an indicator corresponding to the screen, which is set as the idle screen, is displayed distinguishably from the rest of the indicators," which were previously recited in allowable claims 26 and 28 and are now recited in independent claims 1 and 18, and (ii) "the control unit is configured to display, on the display unit, the idle screen with indicators corresponding to the screens…an indicator corresponding to the screen, which is set as the idle screen, is displayed distinguishably from the rest of the indicators," which were previously recited in allowable claim 30 and are now recited in independent claim 11, are believed patentably distinct from claims 1-2, 4-9 and 11-24 of U.S. 11/911,277.

The Office's analysis of the allegedly conflicting claims in the Office Action, especially at pages 6 and 9 which discuss allowable claims 26, 28 and 30, is noted. Applicants respectfully submit that the Office's analysis has failed to follow the USPTO's proper practice and procedure.

MPEP, section 804.II.B.1. states as follows:

> Since the analysis employed in an obviousness-type double patenting determination parallels the guidelines for a 35 U.S.C. 103(a) rejection, the factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103 are employed when making an obvious-type double patenting analysis.
>
> Any obviousness-type double patenting rejection should make clear:
>
> (A)The **differences** between the inventions defined by the conflicting claims - a claim in the patent compared to a claim in the application; and
>
> (B)The **reasons** why a person of ordinary skill in the art would conclude that the invention defined in the claim at issue is anticipated by, or would have been an obvious variation of, the invention defined in a claim in the patent.
>
> (Emphasis added).

In the Office Action, the Office failed to indicate any differences between the allegedly conflicting claims. The Office also failed to provide any reasons why a person of ordinary skill in the art would conclude that the allegedly conflicting claims would have been obvious variants despite the differences. Accordingly, Applicants respectfully submit that a *prima facie* case of obviousness has not been properly established, and that the double patenting rejection of at least claims 26, 28 and 30 over the allegedly conflicting claims of the co-pending application 11911277 (now US Patent No. 8712476) on the ground of non-statutory obviousness-type patenting is improper.

Therefore, Applicant respectfully submits that the double patenting rejection is overcome, at least for the above features of the independent claims. Withdrawal of the double patenting rejection is respectfully requested.

Allowable Subject Matter

The Office stated that claims 26, 28 and 30 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims (lines 8-11, page 2 of the Office Action dated April 3, 2014). In response, Applicant has amended independent claims 1, 11 and 18 to incorporate all of the limitations of allowable

claims 26, 28, and 30 into independent claims 1, 11 and 18, respectively. The Office's indication of allowable subject matter is noted with appreciation.

35 U.S.C. § 103(a) Rejections

1. Claims 1, 3, 5, 6, 10-11, 13 and 17-20 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over *Tanaka* et al. (US 2006/0030371, hereinafter "*Tanaka*"), and further in view of *Wardimon* (US 2006/0030370, hereinafter "*Wardimon*")

2. Claims 2, 7, 14, 27 and 29 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over *Tanaka*, in view of *Wardimon*, and further in view of *Wardimon* et al. (US 2006/0084477, hereinafter "*Wardimon2*").

3. Claims 23-25 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over *Tanaka*, in view of *Wardimon* and further in view of *Nurmela* et al. (US 2007/0257097, hereinafter "*Nurmela*"). Applicant respectfully traverses the rejections for at least the following reasons.

Independent claims 1 and 18 now recite, among other features, "displaying, in the idle state, one of the screens as the idle screen on a display unit of the mobile terminal…setting a currently displayed screen as the idle screen to be displayed in the idle state" and "the idle screen is displayed on the display unit with indicators corresponding to the screens, and an indicator corresponding to the screen, which is set as the idle screen, is displayed distinguishably from the rest of the indicators." Thus, independent claims 1 and 18 now recite all of the features of cancelled claims 26 and 30 which recited allowable subject matter as set forth in the Office Action. Thus, independent claims 1 and 18 are now considered patentable at least for the allowable subject matter of cancelled claims 26 and 30.

Independent claim 11 now recite, among other features, "a control unit configured to … display, in the idle state, one of the screens as the idle screen on the display unit of the mobile terminal,… set a currently displayed screen as the idle screen to be displayed in the idle state" and "the control unit is configured to display, on the display unit, the idle screen with indicators corresponding to the screens,…an indicator corresponding to the screen, which is set as the idle screen, is displayed distinguishably from the rest of the indicators." Thus, independent claim 11 now recites all of the features of cancelled claim 28 which recited

allowable subject matter as set forth in the Office Action. Thus, independent claim 11 is now considered patentable at least for the allowable subject matter of cancelled claim 28.

Dependent claims 3, 5-7, 10, 13, 14, 17, 19, 20 and 23-25 are also believed patentable at least for the dependencies on independent claim 1, 11 or 18. Applicant respectfully submits that the rejections of claims 1, 3, 5-7, 10, 11, 13, 14, 17-20 and 23-25 are believed overcome. Meanwhile, the cancellation of claims 2, 27 and 29 renders the rejection of claim 2, 27 and 29 moot.

Withdrawal of the rejections under 35 U.S.C. §103(a) is now believed appropriate and therefore respectfully requested.

Conclusion

All rejections having been addressed, it is respectfully submitted that the present application is in condition for allowance. A swift Notice to that effect is earnestly solicited. If any issues remain, the Examiner is invited to telephone the undersigned Applicants' attorney of record, to resolve the same.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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DATE: July 2, 2014

Electronic Acknowledgement Receipt

EFS ID:	19478992
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	02-JUL-2014
Filing Date:	08-MAY-2012
Time Stamp:	14:29:17
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	Amendment/Req. Reconsideration-After Non-Final Reject	126587-0008CON_Response.pdf	68747 2cc0ccb007c62c9031d864c2b0ce6bdf2d77f5d2	no	10
Warnings:					
Information:					

Total Files Size (in bytes):	68747

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 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/466,699	Filing Date 05/08/2012	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	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 $310 ($155 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	

APPLICATION AS AMENDED – PART II

AMENDMENT	07/02/2014	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 16	Minus	** 22	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $420 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						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.

LIE
/LINDA A. WASHINGTON/

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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 04/03/2014

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EXAMINER	
SOROWAR, GOLAM	
ART UNIT	PAPER NUMBER
2649	

NOTIFICATION DATE	DELIVERY MODE
04/03/2014	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ipfirm.com
pair_lhhb@firsttofile.com

Office Action Summary	Application No. 13/466,699	Applicant(s) PARK ET AL.	
	Examiner GOLAM SOROWAR	Art Unit 2649	AIA (First Inventor to File) Status No

-- 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 MONTHS 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 *03/20/2014*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ 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*

5)☒ Claim(s) *1-3,5-7,10,11,13,14 and 17-30* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-3,5-7,10,11,13,14,17-25,27 and 29* is/are rejected.

8)☒ Claim(s) *26, 28 and 30* is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ 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).

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).

Certified copies:

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)).

** 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) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claims 1-3, 5-7, 10-11, 13-14 and 17-30 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Allowable Subject Matter

Claims 26, 28 and 30 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the closest prior are does not teach nor fairly suggest, "*selecting application programs from applications programs installed in the mobile terminal, based on a selection from a user, wherein each of the selected application programs is allocated to one of the screens so that the screens present shortcut icons of the applications programs allocated thereto, displaying, in the idle state, one of the screens as the idle screen on a display unit of the mobile terminal, wherein the displayed idle screen presents the shortcut icons corresponding to the application program allocated thereto, displaying, in response to an idle screen switch request, a next one of the screens on*

the display unit according an order of the screens, setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state, displaying, on the display unit, indicators corresponding to the screens, and an indicator corresponding to the currently displayed screen is displayed distinguishably from the rest of the indicators."

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory

double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-3, 5-7, 10-11, 13-14 and 17-30 are rejected on the ground of nonstatutory double patenting over claims 1-2, 4-9 and 11-24 of the copending application 11911277. Although the conflicting claims are not identical, they are not patentably distinct from each other because all the claimed limitations recited in the present application are transparently found in the copending application 11911277 with obvious wording variations.

Pending application 13466699	Co-pending application 11911277
Claim 1 and Claim 18: A method of setting an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screen usable as the idle screen, the method comprising: selecting application programs from applications programs installed in the mobile terminal, based on a selection from	**Claim 16:** A method of changing an idle screen for a mobile terminal having a first key, a second key, and a confirmation key, the method comprising: designating a plurality of sequence numbers to a corresponding plurality of applications in response to an input of a user;

a user, wherein each of the selected application programs is allocated to one of the screens so that the screens present shortcut icons of the applications programs allocated thereto; displaying, in the idle state, one of the screens as the idle screen on a display unit of the mobile terminal, wherein the displayed idle screen presents the shortcut icons corresponding to the application program allocated thereto; displaying, in response to an idle screen switch request, a next one of the screens on the display unit according an order of the screen; setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state. **Claim 2 and Claim 29:** displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of	in response to the first key being operated by the user, initiating an application selection program stored in a program memory of the mobile terminal and displaying one of the plurality of applications having a smallest sequence number among the plurality of applications on a display module of the mobile terminal, thereby the one of the plurality of applications becoming a currently displayed application; in response to the second key being operated, executing the application selection program and displaying a next application on the display module, the next application being next to the currently displayed application according to an order of the designated plurality of sequence numbers in a circular manner, thereby the next application becoming the currently displayed application, wherein only one application among the plurality of

screen. **Claim 7:** wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order. **Claim 23 and Claim 25:** wherein the order of the screens is usable in a circular manner. **Claim 26 and Claim 30**: displaying, on the display unit, indicators corresponding to the screens, and an indicator corresponding to the currently displayed screen is displayed distinguishably from the rest of the indicators.	applications is displayed on the display module at a time together with a plurality of indicators corresponding to the plurality of sequence numbers; and in response to the confirmation key being operated, adopting the currently displayed application as the idle screen, the idle screen being displayed on the display module when the mobile terminal is in an idle mode.
Claim 3: wherein the selecting comprises displaying, on the display unit, the shortcut icons of the application program.	**Claim 20:** wherein the plurality of applications comprises one or more of the following applications: schedule management, address book, list of recently used applications, game, text message, image,

	moving picture, or shortcut icon screen.
Claim 5: wherein the idle screen switch request is inputted from a key button positioned on the mobile phone. **Claim 6 and Claim 19:** wherein the idle screen switch request is leftward or rightward movement request.	**Claim 19:** wherein the first key is a downward movement key button positioned on the mobile terminal, and the second key is a leftward/rightward movement key button positioned on the mobile terminal.
Claim 11: A mobile terminal for setting an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screen usable as the idle screen, the mobile terminal comprising: a user interface configured to be operable by a user; a display unit; a control unit configured to: select application programs from applications programs installed in the mobile terminal, based on an input from the user interface, wherein each of the	**Claim 8:** An apparatus of providing an application selection function for a mobile communication terminal, the apparatus comprising: a microprocessor configured to execute an application selection program; a data storage module coupled to the microprocessor and configured to act as a data buffer when the application selection program is executed; a key input module configured to input characters and numbers, the key input module having a first key arranged for

selected application programs is allocated to one of the screens so that the screens present shortcut icons of the applications programs allocated thereto display, in the idle state, one of the screens as the idle screen on a display unit of the mobile terminal, wherein the currently displayed idle screen presents the shortcut icons corresponding to the application program allocated thereto; display, in response to an idle screen switch request from the user interface, a next one of the screens on the display unit according an order of the screens; set a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state." **Claim 13:** wherein the idle screen switch request is leftward or rightward movement request. **Claim 14:** wherein the idle screen switch request	causing the execution of the application selection program; a display module coupled to the microprocessor and configured to display an idle screen, the idle screen displayed on the display module when said mobile communication terminal is in an idle mode; and a program memory encoded to store the application selection program, the application selection program being configured to cause the microprocessor to perform a method comprising: in response to the first key being operated by a user, initiating the application selection program and displaying a first application of a plurality of applications on the display module, the plurality of applications each having a corresponding one of a plurality of sequence numbers designated in response to an input of the user;

indicates whether the screens are switched either in an ascending or in a descending order. **Claim 24:** wherein the order of the screens is usable in a circular manner. **Claim 27:** displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen. **Claim 28**: displaying, on the display unit, indicators corresponding to the screens, and an indicator corresponding to the currently displayed screen is displayed distinguishably from the rest of the indicators.	in response to a second key being operated, displaying a next application of the plurality of applications on the display module as a currently displayed application according to an order of the designated plurality of sequence numbers in a circular manner, wherein only one application among the plurality of applications is displayed on the display module at a time; and adopting the currently displayed application as the idle screen [[if]] in response to a confirmation key being operated wherein the program memory is further encoded to store a screen setup program, the screen setup program being configured to cause the microprocessor to: display application items of one of the plurality of applications adopted as the idle screen on the LCD display module when the user operates a predetermined key

	button while the mobile communication terminal is in the idle mode, and toggle on/off the displayed idle screen corresponding to the adopted application in accordance with user selection when the user selects at least one of the application items.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 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.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under pre-AIA 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1, 3, 5-6, 10-11, 13 and 17-20 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Tanaka et al. (US 20060030371), and further in view of Wardimon (US 20060030370), hereinafter referenced as Tanaka and Wardimon, respectively.

Regarding claim 1, Tanaka discloses,

A method of setting an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screen usable as the idle screen ***(see, Fig. 3)***, the method comprising:

"selecting application programs ***(i.e., application programs shown in Fig. 3 (E) such as "mail", "information", "packet", "screen")*** from applications programs installed in the mobile terminal, based on a selection from a user ***(A state that a receipt-waiting screen is displayed is shown in part (A) of FIG. 3, and when the receipt-waiting screen is displayed, if a menu key 51 in the upper left of the input operation unit 50 shown in FIG. 1 is pressed, the first menu screen shown in part (E) of FIG. 3 is displayed, Fig. 3 and Para. [0035])***, wherein each of the selected application programs is allocated to one of the screens ***(i.e., the graphical menu as show in Fig. 3 (E))*** so that the screens present shortcut icons of the applications programs allocated thereto ***(The menu screen shown in part (E) of FIG. 3 is an example of the first menu screen according to the present invention. This menu screen is a menu screen having a design that several small screens are arranged***

on the receipt-waiting screen, and each small screen on the menu screen corresponds to each type operation position (each key) shown round part (E) of FIG. 3. Here, the menu screen that shown in part (E) of FIG. 3 is called a graphical menu, Fig. 3 and Para. [0035])";

"displaying, in the idle state, one of the screens as the idle screen ***(i.e., the graphical menu as show in Fig. 3 (E))*** on a display unit of the mobile terminal ***(i.e., LCD display unit 40)***, wherein the displayed idle screen presents the shortcut icons corresponding to the application program allocated thereto ***(i.e., application programs shown in Fig. 3 (E) such as "mail", "information", "packet", "screen")***";

"displaying, in response to an idle screen switch request ***(changes of menu screens displayed in an LCD unit, made by key operations, as show in Fig. 3 (E))***, a next one of the screens ***(i.e. second menu screens as show in Fig. 3 (B), (C), (D), (F), (G), (H) or (I))*** on the display unit according an order of the screens ***(when the operation keys are pressed, second menu screens are displayed in the LCD display 40, see Fig. 3)***."

However, Tanaka does not explicitly disclose, "setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state."

In similar field of endeavor, Wardimon discloses, "setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state ***(Application software 1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Fig. 2 and Para. [0032-0033])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of

invention was made to modify the Tanaka by specifically providing setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state, as taught by Wardimon for the purpose of providing an improved method for customizing the idle screen for a mobile device.

Regarding claim 3, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 1), further Tanaka discloses, "wherein the selecting comprises displaying, on the display unit, the shortcut icons of the application program ***(i.e., application programs shown in Fig. 3 (E) such as "mail", "information", "packet", "screen")***".

Regarding claim 5, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 1), further Tanaka discloses, "wherein the idle screen switch request is inputted from a key button positioned on the mobile phone ***(changes of menu screens displayed in an LCD unit, made by keys 51-54, as show in Fig. 3 (E))***."

Regarding claim 6, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 1), further Tanaka discloses, "wherein the idle screen switch request is leftward or rightward movement request ***(moving to Fig. 3(D) and Fig. 3(F) from Fig. 3(E) by pressing keys 54c and 54d, respectively)***."

Regarding claim 10, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 1), further Tanaka discloses, "wherein the screen displays an operating condition of the mobile terminal in common, and the

displayed operating condition comprises power utilization and radio wave reception strength ***(see, Fig. 3(A))***."

Regarding claim 11, Tanaka discloses,

A mobile terminal for setting an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screen usable as the idle screen ***(see, Fig. 3)***, the mobile terminal comprising:

"a user interface configured to be operable by a user (***an input operation unit 50)***";

"a display unit ***(Fig. 1; 40)***";

a control unit configured to:

"select application programs ***(i.e., application programs shown in Fig. 3 (E) such as "mail", "information", "packet", "screen")*** from applications programs installed in the mobile terminal, based on an input from the user interface ***(A state that a receipt-waiting screen is displayed is shown in part (A) of FIG. 3, and when the receipt-waiting screen is displayed, if a menu key 51 in the upper left of the input operation unit 50 shown in FIG. 1 is pressed, the first menu screen shown in part (E) of FIG. 3 is displayed, Fig. 3 and Para. [0035])***, wherein each of the selected application programs is allocated to one of the screens ***(i.e., the graphical menu as show in Fig. 3 (E))*** so that the screens present shortcut icons of the applications programs allocated thereto ***(The menu screen shown in part (E) of FIG. 3 is an example of the first menu screen according to the present invention. This menu screen is a menu screen having a design that several small screens are arranged***

on the receipt-waiting screen, and each small screen on the menu screen corresponds to each type operation position (each key) shown round part (E) of FIG. 3. Here, the menu screen that shown in part (E) of FIG. 3 is called a graphical menu, Fig. 3 and Para. [0035])";

"display, in the idle state, one of the screens as the idle screen ***(i.e., the graphical menu as show in Fig. 3 (E))*** on a display unit of the mobile terminal ***(i.e., LCD display unit 40)***, wherein the currently displayed idle screen presents the shortcut icons corresponding to the application program allocated thereto ***(i.e., application programs shown in Fig. 3 (E) such as "mail", "information", "packet", "screen")***";

"display, in response to an idle screen switch request from the user interface ***(changes of menu screens displayed in an LCD unit, made by key operations, as show in Fig. 3 (E))***, a next one of the screens ***(i.e. second menu screens as show in Fig. 3 (B), (C), (D), (F), (G), (H) or (I))*** on the display unit according an order of the screens ***(when the operation keys are pressed, second menu screens are displayed in the LCD display 40, see Fig. 3)***."

However, Tanaka does not explicitly disclose, "a control unit configured to set a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state."

In similar field of endeavor, Wardimon discloses, "a control unit configured to set a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state ***(Application software 1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Fig. 2 and Para. [0032-***

0033])."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the Tanaka by specifically providing a control unit configured to set a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state, as taught by Wardimon for the purpose of providing an improved method for customizing the idle screen for a mobile device.

Regarding claim 13, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 11), further Tanaka discloses, "wherein the idle screen switch request is leftward or rightward movement request ***(moving to Fig. 3(D) and Fig. 3(F) from Fig. 3(E) by pressing keys 54c and 54d, respectively)***."

Regarding claim 17, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 11), further Tanaka discloses, "wherein the display unit is further configured to display at least one icon for indicating an operating condition of the mobile terminal and said at least one icon remains displayed even the idle screen switch request, and the operating condition comprises power utilization, radio wave reception strength and time ***(see, Fig. 3(A))***."

Regarding claim 18, Tanaka discloses,

A non-transitory computer-readable recording medium for storing a program for an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screen usable as the idle screen ***(see, Fig. 3)***, wherein the program, when executed by the mobile terminal, instructs the mobile terminal to perform:

"selecting application programs ***(i.e., application programs shown in Fig. 3 (E) such as "mail", "information", "packet", "screen")*** from applications programs installed in the mobile terminal, based on an input from a user ***(A state that a receipt-waiting screen is displayed is shown in part (A) of FIG. 3, and when the receipt-waiting screen is displayed, if a menu key 51 in the upper left of the input operation unit 50 shown in FIG. 1 is pressed, the first menu screen shown in part (E) of FIG. 3 is displayed, Fig. 3 and Para. [0035])***, wherein each of the selected application programs is allocated to one of the screens ***(i.e., the graphical menu as show in Fig. 3 (E))*** so that the screens present shortcut icons of the applications programs allocated thereto ***(The menu screen shown in part (E) of FIG. 3 is an example of the first menu screen according to the present invention. This menu screen is a menu screen having a design that several small screens are arranged on the receipt-waiting screen, and each small screen on the menu screen corresponds to each type operation position (each key) shown round part (E) of FIG. 3. Here, the menu screen that shown in part (E) of FIG. 3 is called a graphical menu, Fig. 3 and Para. [0035])***";

"displaying, in the idle state, one of the screens as the idle screen ***(i.e., the graphical menu as show in Fig. 3 (E))*** on a display unit of the mobile terminal ***(i.e., LCD display unit 40)***, wherein the displayed idle screen presents the shortcut icons corresponding to the application program allocated thereto ***(i.e., application programs shown in Fig. 3 (E) such as "mail", "information", "packet", "screen")***";

"displaying, in response to an idle screen switch request ***(changes of menu screens displayed in an LCD unit, made by key operations, as show in Fig. 3 (E))***, a next one of the screens ***(i.e. second menu screens as show in Fig. 3 (B), (C), (D), (F), (G), (H) or (I))*** on the display unit according an order of the screens ***(when the operation keys are pressed, second menu screens are displayed in the LCD display 40, see Fig. 3)***."

However, Tanaka does not explicitly disclose, "setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state."

In similar field of endeavor, Wardimon discloses, "setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state ***(Application software 1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Fig. 2 and Para. [0032-0033])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the Tanaka by specifically providing setting a currently displayed screen as the idle screen as the idle screen to be displayed in the idle state, as taught by Wardimon for the purpose of providing an improved method for customizing the idle screen for a mobile device.

Regarding claim 19, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 18), further Tanaka discloses, "wherein the idle screen switch request is leftward or rightward movement request ***(moving to Fig. 3(D) and Fig. 3(F) from Fig. 3(E) by pressing keys 54c and 54d, respectively)***."

Regarding claim 20, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 18), further Tanaka discloses, "wherein the screen displays an operating condition of the mobile terminal in common, and the displayed operating condition comprises power utilization, radio wave reception strength and time ***(see, Fig. 3(A))***."

Claims 2, 7, 14, 27 and 29 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Tanaka, in view of Wardimon and further in view of Wardimon et al. (US 20060084477), hereinafter referenced as Wardimon2.

Regarding claim 2, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 1), however the combination of Tanaka and Wardimon fails to disclose, "displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen."

In a similar field of endeavor, Wardimon2 disclose, "displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen ***(As shown in FIG. 2A, in order to access a screen at a lower level of the navigation menu (e.g., Screen 1.3.3.1) a user will navigate through several menu levels and menu screens (e.g., Main Screen 1, Screen 1.3, Screen 1.3.3, screen 1.3.3.1). As such, for the user to access a certain menu screen, a user may press a number of buttons or select a number of graphic user interface icons to navigate through the corresponding menu screens, one at a time, Fig. 2A and Para. [0034-0035])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Tanaka and Wardimon by specifically providing displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen, as taught by Wardimon2 for the purpose of providing an improved method for efficiently navigating menu screen on a mobile phone.

Regarding claim 7, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 1), however the combination of Tanaka and Wardimon fails to disclose, "wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order."

In a similar field of endeavor, Wardimon2 discloses, "wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order ***(As shown in FIG. 2A, in order to access a screen at a lower level of the navigation menu (e.g., Screen 1.3.3.1) a user will navigate through several menu levels and menu screens (e.g., Main Screen 1, Screen 1.3, Screen 1.3.3, screen 1.3.3.1), Fig. 2A and Para. [0034-0035])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Tanaka and Wardimon by specifically providing wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order, as taught by Wardimon2 for the purpose of providing an improved method for efficiently navigating menu screen on a mobile phone.

Regarding claim 14, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 11), however the combination of Tanaka and Wardimon fails to disclose, "wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order."

In a similar field of endeavor, Wardimon2 discloses, "wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order ***(As shown in FIG. 2A, in order to access a screen at a lower level of the navigation menu (e.g., Screen 1.3.3.1) a user will navigate through several menu levels and menu screens (e.g., Main Screen 1, Screen 1.3, Screen 1.3.3, screen 1.3.3.1), Fig. 2A and Para. [0034-0035])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Tanaka and Wardimon by specifically providing wherein the idle screen switch request indicates whether the screens are switched either in an ascending or in a descending order, as taught by Wardimon2 for the purpose of providing an improved method for efficiently navigating menu screen on a mobile phone.

Regarding claim 27, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 11), however the combination of Tanaka and Wardimon fails to disclose, "displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen."

In a similar field of endeavor, Wardimon2 disclose, "displaying, on the display

unit, an indicator to identify an order of the currently displayed screen among plurality of screen ***(As shown in FIG. 2A, in order to access a screen at a lower level of the navigation menu (e.g., Screen 1.3.3.1) a user will navigate through several menu levels and menu screens (e.g., Main Screen 1, Screen 1.3, Screen 1.3.3, screen 1.3.3.1). As such, for the user to access a certain menu screen, a user may press a number of buttons or select a number of graphic user interface icons to navigate through the corresponding menu screens, one at a time, Fig. 2A and Para. [0034-0035])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Tanaka and Wardimon by specifically providing displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen, as taught by Wardimon2 for the purpose of providing an improved method for efficiently navigating menu screen on a mobile phone.

Regarding claim 29, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 18), however the combination of Tanaka and Wardimon fails to disclose, "displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen."

In a similar field of endeavor, Wardimon2 disclose, "displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen ***(As shown in FIG. 2A, in order to access a screen at a lower level of the navigation menu (e.g., Screen 1.3.3.1) a user will navigate through several menu***

levels and menu screens (e.g., Main Screen 1, Screen 1.3, Screen 1.3.3, screen 1.3.3.1). As such, for the user to access a certain menu screen, a user may press a number of buttons or select a number of graphic user interface icons to navigate through the corresponding menu screens, one at a time, Fig. 2A and Para. [0034-0035])."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Tanaka and Wardimon by specifically providing displaying, on the display unit, an indicator to identify an order of the currently displayed screen among plurality of screen, as taught by Wardimon2 for the purpose of providing an improved method for efficiently navigating menu screen on a mobile phone.

Claims 23-25 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Tanaka, in view of Wardimon and further in view of Nurmela et al. (US 20070257097), hereinafter referenced as Nurmela.

Regarding claim 23, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 1), however the combination of Tanaka and Wardimon fails to disclose, "wherein the order of the screens is usable in a circular manner."

In a similar field of endeavor, Nurmela discloses, "wherein the order of the screens is usable in a circular manner ***(if the mobile terminal 400 is in the media***

player mode 443 and the user actuates the mode switch button 412, the phone loops back and switches to the phone mode 440, Fig. 4 and Para. [0053])."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Tanaka and Wardimon by specifically providing wherein the order of the screens is usable in a circular manner, as taught by Nurman for the purpose of effectively controlling the screen in the mobile phone.

Regarding claim 24, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 11), however the combination of Tanaka and Wardimon fails to disclose, "wherein the order of the screens is usable in a circular manner."

In a similar field of endeavor, Nurmela discloses, "wherein the order of the screens is usable in a circular manner ***(if the mobile terminal 400 is in the media player mode 443 and the user actuates the mode switch button 412, the phone loops back and switches to the phone mode 440, Fig. 4 and Para. [0053])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Tanaka and Wardimon by specifically providing wherein the order of the screens is usable in a circular manner, as taught by Nurman for the purpose of effectively controlling the screen in the mobile phone.

Regarding claim 25, the combination of Tanaka and Wardimon discloses everything claimed as applied above (see claim 18), however the combination of Tanaka and Wardimon fails to disclose, "wherein the order of the screens is usable in a circular manner."

In a similar field of endeavor, Nurmela discloses, "wherein the order of the screens is usable in a circular manner ***(if the mobile terminal 400 is in the media player mode 443 and the user actuates the mode switch button 412, the phone loops back and switches to the phone mode 440, Fig. 4 and Para. [0053])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Tanaka and Wardimon by specifically providing wherein the order of the screens is usable in a circular manner, as taught by Nurman for the purpose of effectively controlling the screen in the mobile phone.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GOLAM SOROWAR whose telephone number is (571)270-3761. The examiner can normally be reached on MON-FRI: 7:00 am-5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, EDWARD F. URBAN can be reached on (571) 272-7899. 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.

/GOLAM SOROWAR/
Examiner, Art Unit 2649

Notice of References Cited	Application/Control No. 13/466,699	Applicant(s)/Patent Under Reexamination PARK ET AL.	
	Examiner GOLAM SOROWAR	Art Unit 2649	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2006/0030371 A1	02-2006	Tanaka et al.	455/566
*	B	US-2006/0084477 A1	04-2006	Wardimon et al.	455/566
*	C	US-2007/0257097 A1	11-2007	Nurmela et al.	235/375
	D	US-			
	E	US-			
	F	US-			
	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	
	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
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	566, 418, 412.1, 550.1,	3/27/2014	GS
345	212, 213, 156, 473	3/27/2014	GS
715	838, 744, 810, 817, 243	3/27/2014	GS

SEARCH NOTES		
Search Notes	Date	Examiner
EAST	3/27/2014	GS
PALM inventor search	3/27/2014	GS
Checked the parent case for double patentin rejection	3/27/2014	GS
IEEE	3/27/2014	GS
NPL	3/27/2014	GS
Google Patent	3/27/2014	GS
Google Scholar	3/27/2014	GS
PLUS search	3/27/2014	GS
	3/27/2014	GS

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
455	566, 418, 412.1, 550.1,	3/27/2014	GS

/GOLAM SOROWAR/ Examiner.Art Unit 2649	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
345	212, 213, 156, 473	3/27/2014	GS
715	838, 744, 810, 817, 243	3/27/2014	GS

/GOLAM SOROWAR/ Examiner.Art Unit 2649	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	**Art Unit**
	GOLAM SOROWAR	2618

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/08/2012	11/18/2012	06/24/2013	11/07/2013	03/27/2014				
	1	✓	✓	✓	✓	✓				
	2	✓	✓	✓	✓	✓				
	3	✓	✓	✓	✓	✓				
	4	✓	-	-	-	-				
	5	✓	✓	✓	✓	✓				
	6	✓	✓	✓	✓	✓				
	7	✓	✓	✓	✓	✓				
	8	✓	-	-	-	-				
	9	✓	-	-	-	-				
	10	✓	✓	✓	✓	✓				
	11	✓	✓	✓	✓	✓				
	12	✓	-	-	-	-				
	13	✓	✓	✓	✓	✓				
	14	✓	✓	✓	✓	✓				
	15	✓	-	-	-	-				
	16	✓	-	-	-	-				
	17	✓	✓	✓	✓	✓				
	18	✓	✓	✓	✓	✓				
	19	✓	✓	✓	✓	✓				
	20	✓	✓	✓	✓	✓				
	21		✓	✓	✓	✓				
	22		✓	✓	✓	✓				
	23			✓	✓	✓				
	24			✓	✓	✓				
	25			✓	✓	✓				
	26					O				
	27					✓				
	28					O				
	29					✓				
	30					O				

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:02
S2	1	("8135441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:03
S3	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:04
S4	1	("7065664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:05
S5	1	("5832074").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:06
S6	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:07
S7	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:08
S8	1	("20080194242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:09
S9	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:12
S10	1	("20080004084").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:12
S11	31473	plura$4 near3 screen and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:14
S12	45	plura$4 near3 screen with (idle or stand$by or stand by) and @py<"2008"	US-PGPUB; USPAT;	ADJ	ON	2012/07/05 15:14

			EPO; JPO; DERWENT			
S13	39524	(displa$4) near3 next and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:14
S14	3515	(displa$4) near3 next near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:14
S15	1	(displa$4) near3 next near3 screen with (ascen$4 or a descen$4) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S16	0	(displa$4) near3 next near3 screen with oder and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S17	133	(displa$4) near3 next near3 screen with order and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S18	29	("455"/$ or "345"/$).ccls. and (displa$4) near3 next near3 screen with order and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S19	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 16:13
S20	1536	plura$4 near3 screen with "same" and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:42
S21	4	plura$4 near3 screen with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:43
S22	1868	"same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:44
S23	54	plura$4 with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:44
S24	251	displa$4 with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO;	ADJ	ON	2012/07/06 16:48

			DERWENT			
S26	59	displa$4 near3 (image or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:50
S27	6	(plur$4 or multip$4) near3 (image or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:41
S28	43	displa$4 with (plur$4 or multip$4) near3 (image or screen) and "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:53
S29	19055	displa$4 with (plur$4 or multip$4) near3 (image or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:58
S30	3217	"345"/$.ccls. and displa$4 with (plur$4 or multip$4) near3 (image or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:58
S31	619	"345"/$.ccls. and displa$4 with (plur$4 or multip$4) near3 (image or screen) and (phone or pda or mobile) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:59
S32	5757	(circula$4 near3 (menu or icon or application)) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:04
S33	116	displa$4 near3 (circula$4 near3 (menu or icon or application)) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:04
S34	0	displa$4 near3 (circula$4 near3 (menu or icon or application)) with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S35	0	(circula$4 near3 (menu or icon or application)) with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S36	9	(circula$4 near3 (menu or icon or application)) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S37	1659	"same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO;	ADJ	ON	2012/07/06 19:10

			DERWENT			
S38	362	"same" background same different and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:11
S39	5	"same" background same different near3 fore$ground and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:11
S40	44	"same" background same different near3 image and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:16
S41	4	"same" background same different near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:18
S42	1659	"same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S43	188	"345"/$.ccls. and "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S44	58	"345"/$.ccls. and displa$4 with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S45	1	"455"/$.ccls. and displa$4 with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:22
S46	1	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:23
S47	1	("8135441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:25
S48	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:26
S49	1	("7065664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:26
S50	1	("7761808").PN.	US-	OR	OFF	2012/07/06

			PGPUB; USPAT; USOCR			19:27
S51	1	("7301532").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:28
S52	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:28
S53	1	("20080194242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:29
S54	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:31
S55	2016	455/566.ccls. and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S56	0	455/566.ccls. and "same"background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S57	6	455/566.ccls. and "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S58	165	455/566.ccls. and different near3 (screen or image) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:35
S59	12	455/566.ccls. and "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:48
S60	94	455/566.ccls. and navigat$4 with (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:49
S61	11	(switc$4 or chang$4) near3 (image or icon or application or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:01
S62	290675	(switc$4 or chang$4) near3 (image or icon or application or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:07

S63	50993	(switc$4 or chang$4) near3 (image or icon or application or screen) with display and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:08
S64	511	455/566.ccls. and (switc$4 or chang$4) near3 (image or icon or application or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:08
S65	0	(switc$4 or chang$4) near3 (image or icon or application or screen) with "same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:49
S66	0	455/566.ccls. and "same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:50
S67	23	455/566.ccls. and wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:50
S68	32	"same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:52
S69	1868	"same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:53
S70	171	"same" background with different and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:53
S71	0	"same" background with composit and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:58
S72	41	"same" background with composit$4 and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:58
S73	1	("20060095916").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:02
S74	9	(circula$4 near3 (menu or icon or application)) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:03
S75	409	(switc$4 or chang$4) near3 (menu or	US-	ADJ	ON	2012/07/07

		icon or application) with background and @py<"2007"	PGPUB; USPAT; EPO; JPO; DERWENT			09:05
S76	53	("455"/$ or "345"/$).ccls. and (switc$4 or chang$4) near3 (menu or icon or application) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:05
S77	0	(dual (picture or image) with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:15
S78	0	(dual near3 image with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S79	0	(dual near3 picture with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S80	0	(dual near3 screen with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S81	0	(multiple near3 screen with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S82	0	(multiple near3 icon with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S83	1204	(multiple near3 icon) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:17
S84	108985	(multiple or dual) near3 (icon or application or image or screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:17
S85	803	(multiple or dual) near3 (icon or application or image or screen) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:18
S86	11	(multiple or dual) near3 (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:18
S87	306	(displa$4) with (icon or application or	US-	ADJ	ON	2012/07/07

		image or screen) with "same" near3 background and @py<"2007"	PGPUB; USPAT; EPO; JPO; DERWENT			09:21
S88	10	(displa$4) with (different or multiple) near3 (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:22
S89	1	("7970206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:27
S90	1	("7024054").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:27
S91	233	"same" background near3 image and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:28
S92	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/08 18:13
S93	1	"13466699"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/12 13:24
S94	1	("7742585").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:24
S95	1	("7561899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:25
S96	1	("7911451").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:27
S97	1	("8019389").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:27
S98	1	("7889180").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:28
S99	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:28
S100	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:29

S101	1	("7986305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S102	1	("6567627").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S103	1	("20090291676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S104	0	(2011/0307835).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:31
S105	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:31
S106	1	"13466699"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 17:45
S107	2	"7742585"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 17:48
S108	1	("7561899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:52
S109	1	("7911451").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:52
S110	1	("8019389").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:54
S111	1	("7889180").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:55
S112	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:56
S113	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:56
S114	1	("7986305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:57
S115	1	("20090291676").PN.	US-	OR	OFF	2012/11/16

			PGPUB; USPAT; USOCR			17:57
S116	1	("20080155481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:58
S117	1	("20060030371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:58
S118	0	("8019389").URPN.	USPAT	ADJ	ON	2012/11/16 18:05
S119	3	("20030206202" | "20050138630" | "7620174").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2012/11/16 18:05
S120	130037	presen$4 with (application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:13
S121	3	presen$4 with (application) with (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:13
S122	51	(application) with (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:14
S123	543	(idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:17
S124	1	(arrang$4) near3 (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:17
S125	100	displa$5 near3 (application) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:18
S126	2645	"345"/$.ccls. and (assig$5) near3 application and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:27
S127	228	"345"/$.ccls. and (assig$5) near3 application and (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:27
S128	2	"345"/$.ccls. and (assig$5) near3 application same (idle or stand$by or	US-PGPUB;	ADJ	ON	2012/11/16 18:27

		stand by) and @py<"2007"	USPAT; EPO; JPO; DERWENT			
S129	1	("6181344").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:29
S130	1	("8271907").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:29
S131	1	("7134094").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:30
S132	1	("7565628").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:31
S133	167	"345"/$.ccls. and Gui and (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:32
S134	10	"345"/$.ccls. and Gui same (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:32
S135	1	("20060095916").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:38
S136	302859	(idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:40
S137	148	(displa$4) near3 (applicatin or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:40
S138	242	(displa$4) near3 (application or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:41
S139	15	(assig$4) near3 (icon or application) and (displa$4) near3 (application or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:42
S140	1	("20050130614").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:47
S141	181	(application or icon) with (idle or stand$by or stand by) near3 screen	US-PGPUB;	ADJ	ON	2012/11/16 18:49

		and @py<"2007"	USPAT; EPO; JPO; DERWENT			
S142	3	assig$6 near3 (application or icon) with (idle or stand$by or stand by) near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:49
S143	2	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 19:07
S144	5	"1883921"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 19:15
S145	3	"20070035513"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 19:15
S146	201	(idle$screen or idle screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S147	543	(idle$screen or idle near3 screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S148	0	(idle$screen or idle near3 screen) with (short$cut or short cut) near3 (icon or application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S149	0	(idle$screen or idle near3 screen) same (short$cut or short cut) near3 (icon or application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:16
S150	1	(idle$screen or idle near3 screen) same (short$cut or short cut) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:16
S151	18	(idle$screen or idle near3 screen) and (short$cut or short cut) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:17
S152	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/18 09:37
S153	1	(13/466699).APP.	US-PGPUB; USPAT;	OR	OFF	2013/06/24 07:37

			USOCR			
S154	1	("20090291676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:42
S155	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:43
S156	1	("20080216015").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:45
S157	1	("20070275736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:45
S158	1	("20070094596").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:46
S159	1	("20060156256").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:48
S160	1	("20080005682").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:48
S161	1	("20060030371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:50
S162	1	("20070214414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:51
S163	1	("20050272475").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:51
S164	1	("20060099938").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:52
S165	1	("20050280660").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:52
S166	1	("20090251418").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:55
S167	1	("20060139333").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:56
S168	1	("20060229106").PN.	US-	OR	OFF	2013/06/24

			PGPUB; USPAT; USOCR			07:57
S169	144	(switc$4 or chang$4) near3 (idle) near3 (screen or display or application) and @Py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 07:59
S170	9	(plura$4 or multip$4) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:32
S171	10	(switc$4) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:34
S172	6	(next) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:35
S173	2	(different) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:36
S174	14	(user near3 interface) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:37
S175	19	(user near3 interface) with (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:37
S176	7	("2006/0030370").URPN.	USPAT	ADJ	ON	2013/06/24 10:42
S177	0	"13466699"	USPAT	ADJ	ON	2013/06/24 10:45
S178	1	"13466699"	US-PGPUB; USPAT	ADJ	ON	2013/06/24 10:46
S179	1548	(set or set$4) with (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:48
S180	652	(set or set$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:48
S181	13	(set or set$4) near3 (idle) near3 (screen or mode) with (plura$4 or multip$4) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO;	ADJ	ON	2013/06/24 11:14

			DERWENT			
S182	12	(set or set$4) near3 (differen$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:16
S183	4	(set or set$4) near3 (next) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:19
S184	413	(displa$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:19
S185	5	(displa$4) near3 (plura$4 or multip$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:19
S186	17	(displa$4) near3 (next or second) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:20
S187	408	(selec$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:22
S188	16	(selec$4) near3 (idle) near3 (screen or mode) with (plura$5 or multipl$4) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:23
S189	0	"405193224"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:24
S190	2	"05193224"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:24
S191	56	(plura$4) near3 (idle) near3 (screen or application or icon or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:26
S192	32	(plura$4) near3 (idle) near3 (screen or application or icon or mode) and (mobile or phone or cellular) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:26
S193	65	(plura$4) near3 (screen or application or icon or mode) with (idle) and (mobile or phone or cellular) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO;	ADJ	ON	2013/06/24 11:30

			DERWENT			
S194	1	("20060084477").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:41
S195	1	("20070011610").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:42
S196	1	("20050282563").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:43
S197	1	("20080155481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:44
S198	1	("20060156256").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:45
S199	1	("20060236266").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:45
S200	1	("20060234696").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:46
S201	1	("20130159934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:47
S202	326	(chang$4) near3 (idle) near3 (screen or mode) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:48
S203	145	(chang$4) near3 (idle) near3 (screen or mode) and (phone or mobile or cellular) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:48
S204	101	("455"/$ or "370"/$ or "375"/$ or "345"/$).ccls. and (chang$4) near3 (idle) near3 (screen or mode) and (phone or mobile or cellular) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:49
S205	20	("455"/$ or "370"/$ or "375"/$ or "345"/$).ccls. and (plura$4) near3 (idle) near3 (screen or mode) and (phone or mobile or cellular) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:58
S206	1	("20040155907").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 13:14
S207	1	("20030038825").PN.	US-PGPUB;	OR	OFF	2013/06/24 13:24

			USPAT; USOCR			
S208	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 13:24
S209	1	("20070035513").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 18:13
S210	1	"13466699"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 10:22
S211	442	(switc$4 or chang$4) near3 (idle or stand$by or stand by) near3 screen	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 11:14
S212	334	(switc$4 or chang$4) near3 (idle or stand$by or stand by) near3 screen and (phone or mobile)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 11:14
S213	95	(switc$4 or chang$4) near3 (idle or stand$by or stand by) near3 screen and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 11:15
S214	10	(switc$4 or chang$4) near3 (home$screen or home screen)and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 11:55
S215	10	(switc$4 or chang$4) near3 (home$screen or home screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 11:55
S216	1442	(simutaneou$4 or concurren$4) near3 (displa$4) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:01
S217	2	(simutaneou$4 or concurren$4) near3 (displa$4) with (idle) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:01
S218	241	(simutaneou$4 or concurren$4) near3 (displa$4) with (screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:01
S219	7156	(idle$state or idle state or idle screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:08
S220	45	(plura$4) near3 (idle$state or idle state or idle screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:08
S221	8752	(switc$4 or chang$4) near3 (screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:14

S222	141	(plura$4) near3 (sub$screen or sub screen) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:28
S223	49	(plura$4) near3 (sub$screen or sub screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:28
S224	0	(mulitpl$4) near3 (sub$screen or sub screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:33
S225	13	(multipl$4) near3 (sub$screen or sub screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:34
S226	6433	(multipl$4 or plurali$4) near3 (screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:41
S227	4	(multipl$4 or plurali$4) near3 (screen) with (short$cut or short cut) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:41
S228	259	(multipl$4 or plurali$4) near3 (screen) with icon and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:47
S229	173	(displa$4) with (multipl$4 or plurali$4) near3 (screen) with icon and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/25 12:48
S230	1	"13466699"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/26 16:34
S231	1	("20120133486").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:36
S232	1	("20070275736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:37
S233	1	("20080153551").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:43
S234	1	("20080005682").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:43
S235	1	("20080096611").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:45
S236	1	("20080150907").PN.	US-PGPUB; USPAT;	OR	OFF	2014/03/26 16:46

			USOCR			
S237	1	("20050272475").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:46
S238	1	("20060156256").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:46
S239	1	("20060030370").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:51
S240	1	("20070094596").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:52
S241	1	("20060288371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:56
S242	1	("20060030371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 16:57
S243	1	("20050164688").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/03/26 17:34
S244	0	("2006/0030371").URPN.	USPAT	ADJ	ON	2014/03/27 11:21
S245	0	("2006/0030371").URPN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:21
S246	90355	(displa$5) near3 (order) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:23
S247	725	(displa$5) near3 (order) near3 (next) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:23
S248	68	(displa$5) near3 (order) near3 (next) near3 (screen) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:23
S249	335192	(displa$5) near3 (screen)and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:27
S250	207	(displa$5) near3 (screen) with (ascen$5 or decen$5) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:28
S251	35	(displa$5) near3 (screen) with (ascen$5 or decen$5) near3 (screen) and @py<"2008"	US-PGPUB; USPAT;	ADJ	ON	2014/03/27 11:28

			DERWENT			
S252	101	(displa$5) near3 (screen) with (ascen$5 or decen$5) near3 (order) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:31
S253	15503	(displa$5) near3 (meun$screen or menu near3 screen) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:35
S254	4920	(displa$5) near3 (meun$screen or menu near3 screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:36
S255	136	(displa$5) near3 (meun$screen or menu near3 screen) with (next) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:36
S256	306	(displa$5) near3 (meun$screen or menu near3 screen) with (navigation) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 11:41
S259	14	(idle$screen or idle screen) near3 (circula$4)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 17:57
S260	19	("20020191029" | "20040077340" | "20040201572" | "20050024341" | "20050188329" | "20050223341" | "20060030370" | "20060055662" | "20060187204" | "20060234696" | "20060236266" | "20070275736" | "20080001924" | "20080153551" | "5635954" | "7046232" | "7240287" | "7761814" | "7880728").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2014/03/27 17:58
S261	2	(home$screen or home screen) near3 (circula$4)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:00
S262	8356	(circula$4) near3 (screen)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:02
S263	283	(circula$4) near3 (screen) and (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:03
S264	26	(circula$4) near3 (screen) same (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:03
S265	1	(idle$screen or idle screen) near3 (rotat$4)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:06
S266	39	(circula$4 or rotat$4) near3 (menu$screen or menu screen) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:08
S267	0	(circula$4 or rotat$4) near3	US-	ADJ	ON	2014/03/27

		(home$screen or home screen) and @py<"2008"	PGPUB; USPAT; DERWENT			18:17
S268	19311	(circula$4 or rotat$4) near3 (screen) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:17
S269	337	(circula$4 or rotat$4) near3 (screen) same (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:17
S270	6	(circula$4 or rotat$4) near3 (menu$screen or menu near3 screen) same (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:17
S271	337	(circula$4 or rotat$4) near3 (screen) same (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:19
S272	594	(order) near3 (screen) same (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:27
S273	44	(order) near3 (menu$screen or home$screen or idel$screen or (menu or home or idle) near3 screen) same (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:28
S274	69	(original or first) near3 (menu$screen or home$screen or idel$screen or (menu or home or idle) near3 screen) same (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:31
S275	1	(loop or loop$4) near3 (menu$screen or home$screen or idel$screen or (menu or home or idle) near3 screen) same (phone or mobile) and @py<"2008"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2014/03/27 18:34

3/27/2014 9:28:00 PM
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Approved for use through 07/31/2012. OMB 0651-0031
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	13466699	Filing Date	2012-05-08	Docket Number (if applicable)	126587-0008CON	Art Unit	2649
First Named Inventor	Youngmin PARK			Examiner Name	SOROWAR, GOLAM		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☒ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☒ Other Amendment filed February 24, 2014.

☐ Enclosed

☐ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 071337

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. 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.

Signature of Registered U.S. Patent Practitioner			
Signature	/Yoon S. Ham/	Date (YYYY-MM-DD)	2014-03-20
Name	Yoon S. Ham	Registration Number	45307

This collection of information is required by 37 CFR 1.114. 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 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.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/SB/22 (03-13)
Approved for use through 3/31/2013. 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 EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): 126587-0008CON

Application Number: 13466699
Filed: 2012-05-08

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

Art Unit: 2649
Examiner: SOROWAR, GOLAM

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	Fee	Small Entity Fee	Micro Entity Fee	
☑ One month (37 CFR 1.17(a)(1))	$200	$100	$50	$ 200
☐ Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$
☐ Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$
☐ Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
☐ Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$

☐ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☑ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 071337.

☑ Payment made via EFS-Web.

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.

I am the

☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).

☑ attorney or agent of record. Registration number 45307.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/Yoon S. Ham/ — Signature
March 20, 2014 — Date
Yoon S. Ham — Typed or printed name
703-535-7340 — Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. 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 1.136(a). 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 6 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.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	13466699
Filing Date:	08-May-2012
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Filer:	Yoon Ham/Hee Jeong An
Attorney Docket Number:	126587-0008CON

Filed as Large 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:				
Extension-of-Time:				
Extension - 1 month with $0 paid	1251	1	200	200

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE - 2nd and Subsequent Request	1820	1	1700	1700
		Total in USD ($)		**1900**

Electronic Acknowledgement Receipt

EFS ID:	18535107
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	20-MAR-2014
Filing Date:	08-MAY-2012
Time Stamp:	13:54:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$1900
RAM confirmation Number	154
Deposit Account	071337
Authorized User	HAM, YOON S

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	126587-0008CON_RCE.pdf	79193 4b21e967686ab30dde2c17917c8de3f87bb4b2a1	no	3
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
2	Extension of Time	EOT.pdf	186621 51335f28e9cdfb54f59c032e4b9ff2c331262a65	no	2
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32558 de74f3dd23ef65676a5bdafc91e78a11db59b399	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	298372		

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.

<u>New Applications Under 35 U.S.C. 111</u>
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.

<u>National Stage of an International Application under 35 U.S.C. 371</u>
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.

<u>New International Application Filed with the USPTO as a Receiving Office</u>
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.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 03/06/2014

LOWE HAUPTMAN & HAM, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

EXAMINER	
SOROWAR, GOLAM	
ART UNIT	PAPER NUMBER
2649	

NOTIFICATION DATE	DELIVERY MODE
03/06/2014	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ipfirm.com
pair_lhhb@firsttofile.com

Advisory Action Before the Filing of an Appeal Brief	**Application No.** 13/466,699	**Applicant(s)** PARK ET AL.	
	Examiner GOLAM SOROWAR	**Art Unit** 2649	**AIA (First Inventor to File) Status** No

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 24 February 2014 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:
   a) ☒ The period for reply expires *3* months from the mailing date of the final rejection.
   b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
   c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires months from the mailing date of *the prior Advisory Action* or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.
   Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because
   a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);
   b) ☐ They raise the issue of new matter (see NOTE below);
   c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
   d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.
   NOTE: *See Continuation Sheet*. (See 37 CFR 1.116 and 41.33(a)).
4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☒ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
13. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____
14. ☐ Other: _____.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:
    Claim(s) allowed: .
    Claim(s) objected to: .
    Claim(s) rejected: 1-3, 5-7, 10-11, 13-14, 17-20 and 23-25.
    Claim(s) withdrawn from consideration: .

/GOLAM SOROWAR/
Examiner, Art Unit 2649

Continuation of 3. NOTE: Applicant request for entry in AFCP 2.0 is acknowledged but denied because it raises the new issues. A search has been conducted in the limited amount of time authorized for this pilot program. However, it requires further search and consideration. Therefore, the response is being reviewed under pre-pilot program .

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Youngmin PARK et al.	:	Confirmation No.: 9208
	:	
U.S. Patent Application No. 13/466,699	:	Group Art Unit: 2649
	:	
Filed: May 8, 2012	:	Examiner: SOROWAR, GOLAM

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

AMENDMENT AFTER FINAL REJECTION

MAIL STOP AF
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

Dear Madam:

The following amendments and remarks are submitted in response to the final Office Action dated November 22, 2013.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Youngmin PARK et al.	:	Confirmation No.: 9208
	:	
U.S. Patent Application No. 13/466,699	:	Group Art Unit: 2649
	:	
Filed: May 8, 2012	:	Examiner: SOROWAR, GOLAM

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

AMENDMENT AFTER FINAL REJECTION

MAIL STOP AF
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

Dear Madam:

The following amendments and remarks are submitted in response to the final Office Action dated November 22, 2013.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (**Currently Amended**) A method of setting an idle screen to be displayed in an idle state of a mobile terminal among a plurality of screens usable as the idle screen ~~based on a plurality of presentations of application programs~~, the method comprising[[;]]:

selecting application programs from application programs installed in the mobile terminal, based on a selection from a user, wherein each of the selected application programs is ~~set to be displayed on~~ allocated to one of the ~~presentations~~ screens so that the screens present shortcut icons of the application programs allocated thereto;

displaying, in the idle state, one of the ~~presentations of the selected application programs~~ screens as the idle screen on a display unit of the mobile terminal, wherein the displayed idle screen presents the shortcut icon corresponding to the application program allocated thereto;

~~responsive to an idle screen switch request,~~ displaying, in response to an idle screen switch request, a next one of the ~~presentations of the selected application programs~~ screens on the display unit according to an order of the ~~presentations~~ screens; and

setting a currently displayed ~~presentation of the presentations of the selected application programs~~ screen as the idle screen to be displayed in the idle state.

2. (**Currently Amended**) The method as claimed in claim 1, further comprising ~~wherein at least one of the presentations of the selected application programs comprises one or more shortcut icons~~ displaying, on the display unit, an indicator to identify an order of the currently displayed screen among the plurality of screens.

3. (**Currently Amended**) The method as claimed in claim 1, wherein the selecting ~~is performed such that each of the presentations corresponds to a different~~

~~application program~~ comprises displaying, on the display unit, the shortcut icons of the application programs.

4. (Cancelled)

5. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is inputted from a key button positioned on the mobile phone.

6. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is a leftward or rightward movement request.

7. (**Currently Amended**) The method as claimed in claim 1, wherein the idle screen switch request indicates whether the ~~presentations of the selected application programs~~screens are switched either in an ascending or in a descending order.

8-9. (Cancelled)

10. (**Currently Amended**) The method as claimed in claim 1, wherein the ~~presentations of the selected application programs~~ screens display an operating condition of the mobile terminal in common, and the displayed operating condition comprises power utilization and radio wave reception strength.

11. (**Currently Amended**) A mobile terminal for setting an idle screen to be displayed in an idle state among a plurality of screens usable as the idle screen ~~based on a plurality of presentations of application programs~~, the mobile terminal comprising:

a user interface configured to be operable by a user;

a display unit; and

a control unit configured to[[:]]

select application programs from application programs installed in the mobile terminal, based on an input from the user interface, wherein each of the selected application programs is ~~set to be displayed on~~ allocated to one of the ~~presentations~~

screens so that the screens present shortcut icons of the application programs allocated thereto[[;]],

display, in the idle state, one of the ~~presentations of the selected application programs~~ screens as the idle screen on the display unit of the mobile terminal, wherein the currently displayed idle screen presents the shortcut icon corresponding to the application program allocated thereto[[;]],

~~responsive to an idle screen switch request from the user interface,~~ display, in response to an idle screen switch request from the user interface, a next one of the ~~presentations of the selected application programs~~ screens on the display unit according to an order of the ~~presentations~~ screens[[;]], and

set a currently displayed ~~presentation of the presentations of the selected application programs~~ screen as the idle screen to be displayed in the idle state.

12. (Cancelled)

13. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the idle screen switch request is a leftward or rightward movement request.

14. (**Currently Amended**) The mobile terminal as claimed in claim 11, wherein the idle screen switch request indicates whether the ~~presentations of the selected application programs~~ screens are switched either in an ascending or in a descending order.

15-16. (Cancelled)

17. (**Currently Amended**) The mobile terminal as claimed in claim 11, wherein the display unit ~~displays~~ is further configured to display at least one icon for indicating an operating condition of the mobile terminal and said at least one icon remains displayed ~~stays~~ even with the idle screen switch request, wherein the operating condition comprises at least one of power utilization, radio wave reception strength and time.

18. (**Currently Amended**) A non-transitory computer-readable recording medium for storing a program for setting an idle screen to be displayed in an idle state of a

mobile terminal among a plurality of screens usable as the idle screen ~~based on a plurality of presentations of application programs~~, wherein the program, when executed by [[a]] the mobile terminal, instructs the mobile terminal to perform:

selecting application programs from application programs installed in the mobile terminal, based on an input from a user, wherein each of the selected application programs is ~~set to be displayed on~~ allocated to one of the ~~presentations~~ screens so that the screens present shortcut icons of the application programs allocated thereto;

displaying, in the idle state, one of the ~~presentations of the selected application programs~~ screens as the idle screen on a display unit of the mobile terminal, wherein the displayed idle screen presents the shortcut icon corresponding to the application program allocated thereto;

~~responsive to an idle screen switch request,~~ displaying, in response to an idle screen switch request, a next one of the ~~presentations of the selected application programs~~ screens on the display unit according to an order of the ~~presentations~~ screens; and

setting a currently displayed ~~presentation of the presentations of the selected application programs~~ screen as the idle screen to be displayed in the idle state.

19. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the idle screen switch request is a leftward or rightward movement request.

20. (**Currently Amended**) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the ~~presentations of the selected application programs~~ screens display an operating condition of the mobile terminal in common, and the displayed operating condition comprises at least one of power utilization, radio wave reception strength and time.

21-22. (Cancelled)

23. (**Currently Amended**) The method as claimed in claim 1, wherein the order of the ~~presentations~~ screens is usable in a circular manner.

24. (**Currently Amended**) The mobile terminal as claimed in claim 11, wherein the order of the ~~presentations~~ screens is usable in a circular manner.

25. (**Currently Amended**) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the order of the ~~presentations~~ screens is usable in a circular manner.

26. (New) The method as claimed in claim 1, further comprising displaying, on the display unit, indicators corresponding to the screens, and an indicator corresponding to the currently displayed screen is displayed distinguishably from the rest of the indicators.

27. (New) The mobile terminal as claimed in claim 11, wherein the control unit is further configured to display, on the display unit, an indicator to identify the order of the currently displayed screen among the plurality of screens.

28. (New) The mobile terminal as claimed in claim 11, wherein the control unit is further configured to display, on the display unit, indicators corresponding to the screens, and an indicator corresponding to the currently displayed screen is displayed distinguishably from the rest of the indicators.

29. (New) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the displaying further displays, on the display unit, an indicator to identify the order of the one of the screens displayed as the idle screen.

30. (New) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the displaying further displays, on the display unit, indicators corresponding to the screens, and an indicator corresponding to the screen displayed as the idle screen is displayed distinguishably from the rest of the indicators.

REMARKS

Applicant appreciates the Examiner's thorough review of the present application and respectfully requests reconsideration in light of the preceding amendments and the following remarks.

Claims 1-3, 7, 10, 11, 14, 17, 18, 20 and 23-25 have been amended. Claims 21 and 22 have been cancelled without prejudice or disclaimer. New claims 26-30 have been added to secure an appropriate scope of protection to which Applicant is believed entitled. Each of the amended/added claims finds support at least in Figs. 4a-4f and paragraphs [0043] – [0045] of the published application. No new matter has been introduced through the foregoing amendments. Claims 1-3, 5-7, 10, 11, 13, 14, 17-20 and 23-30 are pending in this application.

Double Patenting

Claims 1-3, 5-7, 10-11, 13-14 and 17-25 were provisionally rejected on the ground of non-statutory obviousness-type double patenting as being unpatentable over claims 1-20 of U.S. 11/911,277. However, the double patenting rejection is believed overcome in light of currently amended claims and/or amendments in the co-pending application. Otherwise, Applicants respectfully request that the provisional double patenting rejection be held in abeyance until it becomes a non-provisional rejection. Withdrawal of the double patenting rejection is respectfully requested.

35 U.S.C. § 103(a) Rejections

1. Claims 1-3, 5-7, 11, 13, 14, 18, 19 and 21-25 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Wardimon* (US 2006/0030370, hereinafter "*Wardimon*") and further in view of *Tojo* et al. (US 2004/0250217, hereinafter "*Tojo*").

2. Claims 10, 17 and 20 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Wardimon*, in view of *Tojo* and further in view of *Sherrard* et al. (US 2007/0035513, hereinafter "*Sherrard*"). Applicant respectfully traverses the rejections for at least the following reasons.

Claim 1 now recites, among other features, "selecting application programs from

application programs installed in the mobile terminal, based on a selection from a user, wherein each of the selected application programs is allocated to one of the screens so that the screens present shortcut icons of the application programs allocated thereto." In the Office Action dated November 22, 2013, the Office relied on paragraph [0030] of *Wardimon* in relation to the features of the selecting operation (line 10 from the bottom of page 6 to line 1 of page 7). Furthermore, in response to the argument regarding the above features, which is presented in the remarks filed on October 10, 2013, the Office alleged that paragraph [0031] of *Wardimon* teaches the above features. The Office asserted that application software of *Wardimon*, which is implemented to allow a user to select a particular screen to be displayed, teaches the feature of the application programs, because Applicant did not define within the claim limitation what it is mean by "presentation" (lines 1-7 of page 24). However, Applicant still believes that the feature of the application programs are not sufficiently taught or suggested by *Wardimon*.

In *Wardimon*, it is merely disclosed that "The user after selecting the option, then presses a button to confirm his selection. He is then provided with a screen that contains a list of SMS messages, for example." That is, *Wardimon* merely describes a method in which a user has access to a specific application (e.g. SMS message) by way of a directory menu, which is not directed to setting the idle screen of the terminal. This description is not related to the features of the application programs each **allocated to one of the screens** usable as the idle screen. According to these feature of the application programs, each of the screens presents the shortcut icon of the application program allocated thereto. The other applied references, i.e., *Tojo* and *Sherrard*, are also silent in disclosing or suggesting the above feature. Therefore, at least for this feature, the method of claim 1 is clearly distinguished from the applied references, either alone or in combination.

Claim 1 further recites, among other features, "displaying, in the idle state, one of the screens as the idle screen on a display unit of the mobile terminal, wherein the displayed idle screen presents the shortcut icon corresponding to the application program allocated thereto," "displaying, in response to an idle screen switch request, a next one of the screens on the display unit according to an order of the screens" and "setting a currently displayed screen as the idle screen to be displayed in the idle state." That is, according to some embodiments of claim 1, the terminal displays the ***next one of the screens*** according to an order of the screens, and ***sets the currently displayed screen*** as the idle screen. The user of the terminal can

construct, at his will or preference, the idle screen. Further, by constructing the idle screen, the user can set shortcut icons to be displayed on the display device and easily access to the application programs by switching the screens.

Although the Office relied on paragraphs [0013], [0014], [0032] and [0033], and Fig. 2 of *Wardimon* in relation to these features, *Wardimon* merely describes selecting a screen to be used as an idle screen by switching between a first screen and a second screen. *Wardimon* is silent in disclosing or suggesting the features of the idle screen which presents the shortcut icons corresponding to the application programs allocated thereto. Therefore, the mobile device of *Wardimon* cannot permit the user to construct, at his will or preference, an idle screen from among the plurality of screens which are usable as the idle screen and are comprised of desired shortcut icons. The other applied references, i.e., *Tojo* and *Sherrard*, are also silent in disclosing or suggesting the above feature. For this further reason, Applicant respectfully submits that the method of claim 1 is clearly distinguished from *Wardimon, Tojo* and *Sherrard*, either alone or in combination.

Independent claims 11 and 18 recite corresponding features to the above features of claim 1. Therefore, Applicant believes that each of claims 11 and 18 is also clearly distinguished from *Wardimon, Tojo* and *Sherrard*, either alone or in combination.

Accordingly, Applicant respectfully submits that the applied references, i.e., *Wardimon*, *Tojo*, and *Sherrard*, either alone or in combination, fail to teach or suggest all of the features of each of independent claims 1, 11 and 18. Thus, claims 1, 11 and 18 are believed patentable over the applied references. Meanwhile, dependent claims 2-7, 10, and 13-17 and 19-25 are also believed patentable at least for the dependencies. Applicant respectfully submits that the rejections of claims 1-7, 10, 11 and 13-25 are believed overcome. The cancellation of claims 8, 9 and 12 renders the rejection of claims 8, 9 and 12 moot. Withdrawal of the rejections is now believed appropriate and therefore respectfully requested.

Conclusion

All rejections having been addressed, it is respectfully submitted that the present application is in condition for allowance. A swift Notice to that effect is earnestly solicited. If any issues remain, the Examiner is invited to telephone the undersigned Applicants' attorney of record, to resolve the same.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

LOWE HAUPTMAN & HAM, LLP

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February 24, 2014

Doc Code: A.NE.AFCP
Document Description: After Final Consideration Pilot Program Request

PTO/SB/434 (05-13)

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0

Practitioner Docket No.:	Application No.:	Filing Date:
126587-0008CON	13466699	2012-05-08
First Named Inventor:	Title:	
Youngmin PARK	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL	

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.

1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (*e.g.*, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c).
2. The above-identified application contains an outstanding final rejection.
3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect.
4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection.
5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response.
6. This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web).
7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.]
8. By filing this certification and request, applicant acknowledges the following:
   - Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0.
   - The examiner will verify that the AFCP 2.0 submission is compliant, *i.e.*, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions:
     - The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, by mailing an advisory action.
     - If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview.
       - The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate.
       - If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.

Signature	Date
/Yoon S. Ham/	February 24, 2014
Name (Print/Typed) Yoon S. Ham	Practitioner Registration No. 45307

Note: *This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.*

☐ * Total of _____ forms are submitted.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	18278752
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	24-FEB-2014
Filing Date:	08-MAY-2012
Time Stamp:	13:16:46
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 After Final Action	126587-0008CON_Response.pdf	72402 fb5b712835b3193ae38c2fa0f5ef781e26361bd9	no	10

Warnings:	
Information:	

2	After Final Consideration Program Request	AFCP20.pdf	226142 f0ee7b5f8bb392bd11e792bfd4187ba936875276	no	2
Warnings:					
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			Total Files Size (in bytes):	298544	

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 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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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 13/466,699	Filing Date 05/08/2012	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	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 $310 ($155 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	

APPLICATION AS AMENDED – PART II

AMENDMENT	02/24/2014	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 22	Minus	** 20	= 2	X $80 =	160
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $420 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	**160**

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						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.

LIE
/KAREN VESTAL/

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.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 11/22/2013

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EXAMINER	
SOROWAR, GOLAM	
ART UNIT	PAPER NUMBER
2649	

MAIL DATE	DELIVERY MODE
11/22/2013	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. 13/466,699	Applicant(s) PARK ET AL.	
	Examiner GOLAM SOROWAR	Art Unit 2649	AIA (First Inventor to File) Status No

-- 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 *10/10/2013*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ 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

5)☒ Claim(s) *1-3,5-7,10,11,13,14 and 17-25* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-3, 5-7,10-11, 13-14 and 17-25* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ 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).

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).

Certified copies:

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)).

* 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) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to

be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-3, 5-7,10-11, 13-14 and 17-25 are rejected on the ground of nonstatutory double patenting over claims 1-20 of the copending application 11911277. Although the conflicting claims are not identical, they are not patentably distinct from each other because all the claimed limitations recited in the present application are transparently found in the copending application 11911277 with obvious wording variations. Take an example of comparing claim 1 of pending application and claim 1 of copending application 11911277:

Pending application 13466699	Co-pending application 11911277
A method of setting an idle screen of a mobile terminal based on a plurality of presentations of application programs, the method comprising: selecting application programs from application programs installed in the mobile terminal, based on selection from a user, wherein each of the selected programs corresponds to one	A method of providing an application selection function for a mobile communication terminal having a key input module, a microprocessor, a program memory, a data storage module, and a display module, the method comprising the steps of: (a) designating one or more sequence numbers to corresponding one or more

of the presentations; displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal “responsive to an idle screen switch request, displaying a next one of the presentation of the selected application programs on the display unit, according to an order of the presentations ; and setting a currently displayed presentation of the presentations of the selected applications programs as the idle screen.	applications in response to a an input of a user; (b) running an application selection program stored in the program memory when the user operates a first key button for driving the application selection program, and displaying a first application of the one or more applications on the display module; (c) displaying a next application of the one or more applications according to an order of the designated one or more sequence numbers, in a circular manner, on the display module every time the user operates a second key button; and (d) adopting an application currently displayed on the display module as an idle screen when the user operates a confirmation key button, the idle screen being displayed on the display module when said mobile communication

	terminal is in an idle mode.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 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.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under pre-AIA 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-3, 5-7, 11, 13, 14, 18, 19 and 21-25 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Wardimon (US 20060030370), and

further in view of Tojo et al. (US 20040250217), hereinafter referenced as Wardimon and Tojo, respectively.

Regarding claim 1, Wardiman discloses,

A method ***(i.e., method shown in Fig. 2)*** of setting an idle screen ***(e.g., idle screens 125 and 126)*** of a mobile terminal ***(mobile device 120)*** based on a plurality of presentations ***(interpreted as 'first screen or second screen' [0014] or 'old screen or new screen' [0033])*** of application programs ***(interpreted as user's event calendar, phone book, SMS messages, voice messages, call history, games, etc, Para. [0030])***, the method comprising:

"selecting application programs from application programs installed in the mobile terminal, based on selection from a user ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc. If the user wants to view the SMS messages, for example, the user then presses an arrow button to select an option that provides access to the SMS message screen, Para. [0030])***, wherein each of the selected programs is set to be displayed on one of the presentations ***(after selecting the option, the user then presses a button to confirm his selection. The user is then provided with a screen with the selected item, Para. [0030])***";

"displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal ***(Application software 1122***

provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Para. [0032])";

"responsive to an idle screen switch request, displaying a next one of the presentation of the selected application programs on the display unit ***(a user who often accesses his or her inbox for incoming SMS messages may want to set the inbox screen as the new idle screen or may want to set the calendar or phone book screen to be displayed while mobile device 120 is idling. To accomplish this, the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***" and

"setting a currently displayed presentation of the presentations of the selected applications programs as the idle screen ***(selecting a first screen displayed on the mobile device by interacting with a user interface of the mobile device; and displaying the first screen on a display of the mobile device when the mobile device is in a first mode, Fig. 2; steps 220-240 and Para. [0013-0014]).***"

However, Wardimon does not disclose, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation."

In a similar field of endeavor, Tojo discloses, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation ***(see, Fig. 18 and Para. [0066-0067])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing displaying a next of

the presentation of the selected application programs on the display unit, according to an order of the presentation, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 2, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), however Wardimon fails to disclose, "wherein at least one of the presentations of the selected application programs comprises one or more shortcut icons."

In a similar field of endeavor, Tojo discloses, "wherein at least one of the presentations of the selected application programs comprises one or more shortcut icons ***(see, icons for address, received mail and schedule as shown in Fig. 18)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein at least one of the presentations of the selected application programs comprises one or more shortcut icons, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 3, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "wherein the selecting is performed such that each of the presentation corresponds to a different application program ***(a user who often accesses his or her inbox for incoming SMS messages may want to set the inbox screen as the new idle screen or may want to set the calendar or phone book screen to be displayed while mobile device 120***

is idling. To accomplish this, the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])."

Regarding claim 5, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "wherein the idle screen switch request is inputted from a key button positioned on the mobile phone ***(the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***."

Regarding claim 6, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request is a leftward or rightward movement request."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch request is a leftward or rightward movement request ***(See, Fig. 6)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request is a leftward or rightward movement request, as taught by Tojo for the purpose of efficiently navigating screens in the mobile display unit.

Regarding claim 7, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order."

In a similar field of endeavor, Tojo discloses, “wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order ***(See, Fig. 4)***.”

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order, as taught by Tojo for the purpose of providing a method with which each function can be efficiently selected from a function menu displayed on an operating screen.

Regarding claim 11, Wardiman discloses,

A mobile terminal ***(mobile phone 120)*** for setting an idle screen ***(e.g., idle screens 125 and 126)*** based on a plurality of presentations ***(interpreted as ‘first screen or second screen’ [0014] or ‘old screen or new screen’ [0033])*** of application programs ***(interpreted as user's event calendar, phone book, SMS messages, voice messages, call history, games, etc, Para. [0030])***, the mobile terminal comprising:

“a user interface configured to be operable by a user ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to…., Para. [0030])***”;

“a display unit ***(mobile device 120 as shown in Fig. 1)***”; and

a control unit ***(inherent feature)*** configured to:

“select application programs from application programs installed in the mobile

terminal, based on input from the user interface ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc. If the user wants to view the SMS messages, for example, the user then presses an arrow button to select an option that provides access to the SMS message screen, Para. [0030])***, wherein each of the selected programs is set to be displayed on one of the presentations ***(after selecting the option, the user then presses a button to confirm his selection. The user is then provided with a screen with the selected item, Para. [0030])***";

"display one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal ***(Application software 1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Para. [0032])***";

"responsive to an idle screen switch request from the user interface, display a next one of the presentation of the selected application programs on the display unit ***(a user who often accesses his or her inbox for incoming SMS messages may want to set the inbox screen as the new idle screen or may want to set the calendar or phone book screen to be displayed while mobile device 120 is idling. To accomplish this, the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***" and

"set a currently displayed presentation of the presentations of the selected

applications programs as the idle screen ***(selecting a first screen displayed on the mobile device by interacting with a user interface of the mobile device; and displaying the first screen on a display of the mobile device when the mobile device is in a first mode, Fig. 2; steps 220-240 and Para. [0013-0014]).***"

However, Wardimon does not disclose, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation."

In a similar field of endeavor, Tojo discloses, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation ***(see, Fig. 18 and Para. [0066-0067])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 13, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 11), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request is a leftward or rightward movement request."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch request is a leftward or rightward movement request ***(See, Fig. 6)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request is a leftward or rightward movement request, as taught by Tojo for the purpose of efficiently navigating screens in the mobile display unit.

Regarding claim 14, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 11), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order ***(See, Fig. 4)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order, as taught by Tojo for the purpose of providing a method with which each function can be efficiently selected from a function menu displayed on an operating screen.

Regarding claim 18, Wardiman discloses,

"selecting application programs from application programs installed in the mobile terminal, based on selection from a user ***(a user may press a first button to access a first directory menu that provides the user with options to access information***

stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc. If the user wants to view the SMS messages, for example, the user then presses an arrow button to select an option that provides access to the SMS message screen, Para. [0030]), wherein each of the selected programs corresponds to one of the presentations ***(after selecting the option, the user then presses a button to confirm his selection. The user is then provided with a screen with the selected item, Para. [0030])***";

"displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal ***(Application software 1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Para. [0032])***";

"responsive to an idle screen switch request, displaying a next one of the presentation of the selected application programs on the display unit ***(a user who often accesses his or her inbox for incoming SMS messages may want to set the inbox screen as the new idle screen or may want to set the calendar or phone book screen to be displayed while mobile device 120 is idling. To accomplish this, the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***" and

"setting a currently displayed presentation of the presentations of the selected applications programs as the idle screen ***(selecting a first screen displayed on the mobile device by interacting with a user interface of the mobile device; and***

displaying the first screen on a display of the mobile device when the mobile device is in a first mode, Fig. 2; steps 220-240 and Para. [0013-0014])."

However, Wardimon does not disclose, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation."

In a similar field of endeavor, Tojo discloses, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation ***(see, Fig. 18 and Para. [0066-0067])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 19, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 18), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request is a leftward or rightward movement request."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch request is a leftward or rightward movement request ***(See, Fig. 6)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen

switch request is a leftward or rightward movement request, as taught by Tojo for the purpose of efficiently navigating screens in the mobile display unit.

Regarding claim 21, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "wherein at least one of the presentation of the selected application programs comprises one or more contact addresses ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc, Para. [0030])***."

Regarding claim 22, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "wherein at least one of the presentation of the selected application programs comprises one or more schedule management information ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc, Para. [0030])***."

Regarding claim 23, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), however, Wardimon fails to disclose, "wherein the order of the presentation is usable in a circular manner."

In a similar field of endeavor, Tojo discloses, "wherein the order of the presentation is usable in a circular manner ***(see, Figs. 4 and 5)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the order of the presentation is usable in a circular manner, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 24, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 11), however, Wardimon fails to disclose, "wherein the order of the presentation is usable in a circular manner."

In a similar field of endeavor, Tojo discloses, "wherein the order of the presentation is usable in a circular manner ***(see, Figs. 4 and 5)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the order of the presentation is usable in a circular manner, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 25, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 18), however, Wardimon fails to disclose, "wherein the order of the presentation is usable in a circular manner."

In a similar field of endeavor, Tojo discloses, "wherein the order of the presentation is usable in a circular manner ***(see, Figs. 4 and 5)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the order of

the presentation is usable in a circular manner, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Claims 10, 17 and 20 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Wardimon, in view of Tojo and further in view of Sherrard et al. (US 20070035513), hereinafter referenced as Sherrard.

Regarding claim 10, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), however the combination of Wardimon and Tojo fails to disclose, "wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength."

In a similar field of endeavor, Sherrard discloses, "wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength ***(see, Fig. 1 which displays battery and power reception strength)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Wardimon and Tojo by specifically providing wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating

condition comprises power utilization and radio wave reception strength, as taught by Sherrard for the purpose of providing user an information regarding battery power and signal strength.

Regarding claim 17, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 11), however the combination of Wardimon and Tojo fails to disclose, "wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength."

In a similar field of endeavor, Sherrard discloses, "wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength ***(see, Fig. 1 which displays battery and power reception strength)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Wardimon and Tojo by specifically providing wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength, as taught by Sherrard for the purpose of providing user an information regarding battery power and signal strength.

Regarding claim 20, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 18), however the combination of Wardimon and Tojo fails to disclose, "wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength."

In a similar field of endeavor, Sherrard discloses, "wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength ***(see, Fig. 1 which displays battery and power reception strength)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Wardimon and Tojo by specifically providing wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength, as taught by Sherrard for the purpose of providing user an information regarding battery power and signal strength.

Response to Arguments

This office action is in response to Applicant's arguments/remarks filed on 10/10/2013.

Double Patenting:

Applicant argues that:

Claims 1-3, 5-7, 10-11, 13-14 and 17-25 were provisionally rejected on the ground of non-statutory obviousness-type double patenting as being unpatentable over claims 1-20 of U.S. 11/911,277. However, the double patenting rejection is believed overcome in light of amended claims 1, 11 and 18 and/or amendments in the co-pending application. Otherwise, Applicants respectfully request that the provisional double patenting rejection be held in abeyance until it becomes a non-provisional rejection. Withdrawal of the double patenting rejection is respectfully requested (see, remarks and page 7).

Examiner respectfully disagrees for the following reason:

It appears that amended claims 1, 11 and 18 of the co-pending application still do not overcome the double patenting rejection over claims 1-3, 5-7, 10-11, 13-14 and 17-25 of the present application. Because independent claims of the present application still broadly encompass the independent claims of the co-pending application.

Claim Rejections under 35 USC § 103

Applicant argues that:

Wardimon merely discloses the first directory menu that provides the user with the options to access information stored in the mobile device. According to Wardimon, the user selects the stored information (e.g. SMS message) by way of the directory menu. On the contrary, according to the method of claim 1, application programs, are selected based on the selection from the user. In Wardimon, there is no further disclosure related to the features of selecting application programs based on the selection from the user. The stored information of Wardimon, which accessed by the directory menu, are distinguished from the selected application programs of claim 1, which are selected based on the selection from the user (see, remarks and page 7).

Examiner respectfully disagrees for the following reason:

Claim simply recites "selecting application program from application programs....". It is unclear from the claim limitation what is it mean by "application program", as recited in the claim 1. Therefore, Examiner has given the broadest reasonable interpretation for this term. In Para. [0030], Wardimon discloses, "*a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc. If the user wants to view the SMS messages, for example, the user then presses an arrow button to select an option that provides access to the SMS message screen. The user after selecting the option, then presses a button to confirm his selection*" (underlined from emphasis). The underlined portion of the above disclosure (i.e., directory menu such as event calendar, phone book, games....) is equivalent to

"application program", as recited in the claim. Further, in Para. [0030], Wardimon discloses, "the user can select the program from directory menu using arrow button", that is equivalent to "selecting application program from application programs....", as recited in the claim 1.

Applicant argues that:

Furthermore, Wardimon is also silent in disclosing or teaching the features of the application programs each of which is set to be displayed on one of the presentations, and displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal. Wardimon merely discloses the application software which provides the user with the option to set any screen displayed on mobile device as the idle screen. There is no disclosure related to not only the feature of application programs each of which is set to be displayed on one of the presentations, but also the feature of displaying one of the presentations of the selected application programs. According to one or more embodiments of claim 1, the user can construct, at his own will or preference, an idle screen displaying the selected applications that he wishes to include in the idle screen. Thus, the features of the application programs each of which is set to be displayed on one of the presentations, and displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal are clearly distinguished from Wardimon (see, remarks and pages 7-8).

Examiner respectfully disagrees for the following reason:

Again, claim simply recites, "displaying one of the presentations of the selected application….". Applicant did not define within the claim limitation what is it mean by "presentation". Therefore, Examiner has given the broadest reasonable interpretation. In Para. [0031], Wardimon discloses, "application software 1122 is implemented to allow a user to select a particular screen to be displayed…..", that is equivalent to "displaying one of the presentation", as recited in claim 1 because displaying particular screen requires some type of presentation on the display menu.

Thus, contrary to the applicant's argument, Wardimon does disclose each and every limitation of claim 1. Further, Claims 11 and 18 are rejected for the reason set forth above.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GOLAM SOROWAR whose telephone number is (571)270-3761. The examiner can normally be reached on MON-FRI: 7:00 am-5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, EDWARD F. URBAN can be reached on (571) 272-7899. 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.

/GOLAM SOROWAR/
Examiner, Art Unit 2649

/Edward Urban/
Supervisory Patent Examiner, Art Unit 2649

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/08/2012	11/18/2012	06/24/2013	11/07/2013					
	1	✓	✓	✓	✓					
	2	✓	✓	✓	✓					
	3	✓	✓	✓	✓					
	4	✓	-	-	-					
	5	✓	✓	✓	✓					
	6	✓	✓	✓	✓					
	7	✓	✓	✓	✓					
	8	✓	-	-	-					
	9	✓	-	-	-					
	10	✓	✓	✓	✓					
	11	✓	✓	✓	✓					
	12	✓	-	-	-					
	13	✓	✓	✓	✓					
	14	✓	✓	✓	✓					
	15	✓	-	-	-					
	16	✓	-	-	-					
	17	✓	✓	✓	✓					
	18	✓	✓	✓	✓					
	19	✓	✓	✓	✓					
	20	✓	✓	✓	✓					
	21		✓	✓	✓					
	22		✓	✓	✓					
	23			✓	✓					
	24			✓	✓					
	25			✓	✓					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Youngmin PARK et al.	:	Confirmation No.: 9208
	:	
U.S. Patent Application No. 13/466,699	:	Group Art Unit: 2649
	:	
Filed: May 8, 2012	:	Examiner: SOROWAR, GOLAM

For: METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

AMENDMENT

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

Dear Madam:

The following amendments and remarks are submitted in response to the non-final Office Action dated July 10, 2013.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method of setting an idle screen of a mobile terminal based on a plurality of presentations of application programs, the method comprising;

selecting application programs from application programs installed in the mobile terminal, based on selection from a user, wherein each of the selected application programs ~~corresponds to~~ is set to be displayed on one of the presentations;

displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal;

responsive to an idle screen switch request, displaying a next one of the presentations of the selected application programs on the display unit according to an order of the presentations; and

setting a currently displayed presentation of the presentations of the selected application programs as the idle screen.

2. (Previously Presented) The method as claimed in claim 1, wherein at least one of the presentations of the selected application programs comprises one or more shortcut icons.

3. (Previously Presented) The method as claimed in claim 1, wherein the selecting is performed such that each of the presentations corresponds to a different application program.

4. (Canceled)

5. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is inputted from a key button positioned on the mobile phone.

6. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is a leftward or rightward movement request.

7. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request indicates whether the presentations of the selected application programs are switched either in an ascending or in a descending order.

8-9. (Canceled)

10. (Previously Presented) The method as claimed in claim 1, wherein the presentations of the selected application programs display an operating condition of the mobile terminal in common, and the displayed operating condition comprises power utilization and radio wave reception strength.

11. (Currently Amended) A mobile terminal for setting an idle screen based on a plurality of presentations of application programs, the mobile terminal comprising:

a user interface configured to be operable by a user;

a display unit; and

a control unit configured to:

select application programs from application programs installed in the mobile terminal, based on input from the user interface, wherein each of the selected application programs ~~corresponds to~~ is set to be displayed on one of the presentations;

display one of the presentations of the selected application programs as the idle screen on the display unit of the mobile terminal;

responsive to an idle screen switch request from the user interface, display a next one of the presentations of the selected application programs on the display unit according to an order of the presentations; and

set a currently displayed presentation of the presentations of the selected application programs as the idle screen.

12. (Canceled)

13. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the idle screen switch request is a leftward or rightward movement request.

14. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the idle screen switch request indicates whether the presentations of the selected application programs are switched either in an ascending or in a descending order.

15-16. (Canceled)

17. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the display unit displays at least one icon for indicating an operating condition of the mobile terminal and said at least one icon stays even with the idle screen switch request, wherein the operating condition comprises at least one of power utilization, radio wave reception strength and time.

18. (Currently Amended) A non-transitory computer-readable recording medium for storing a program for setting an idle screen based on a plurality of presentations of application programs, wherein the program, when executed by a mobile terminal, instructs the mobile terminal to perform ~~the following steps~~:

selecting application programs from application programs installed in the mobile terminal, based on input from a user, wherein each of the selected application programs ~~corresponds to~~ is set to be displayed on one of the presentations;

displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal;

responsive to an idle screen switch request, displaying a next one of the presentations of the selected application programs on the display unit according to an order of the presentations; and

setting a currently displayed presentation of the presentations of the selected application programs as the idle screen.

19. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the idle screen switch request is a leftward or rightward movement request.

20. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the presentations of the selected application programs display an operating condition of the mobile terminal in common, and the displayed operating condition comprises at least one of power utilization, radio wave reception strength and time.

21. (Previously Presented) The method as claimed in claim 1, wherein at least one of the presentations of the selected application programs comprises one or more contact addresses.

22. (Previously Presented) The method as claimed in claim 1, wherein at least one of the presentations of the selected application programs comprises one or more schedule management information.

23. (Previously Presented) The method as claimed in claim 1, wherein the order of the presentations is usable in a circular manner.

24. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the order of the presentations is usable in a circular manner.

25. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the order of the presentations is usable in a circular manner.

REMARKS

Applicant appreciates the Examiner's thorough review of the present application and respectfully requests reconsideration in light of the preceding amendments and the following remarks.

Claims 1, 11 and 18 have been amended. No new matter has been introduced through the foregoing amendments. Claims 1-25 are pending in this application.

Double Patenting

Claims 1-3, 5-7, 10-11, 13-14 and 17-25 were provisionally rejected on the ground of non-statutory obviousness-type double patenting as being unpatentable over claims 1-20 of U.S. 11/911,277. However, the double patenting rejection is believed overcome in light of amended claims 1, 11 and 18 and/or amendments in the co-pending application. Otherwise, Applicants respectfully request that the provisional double patenting rejection be held in abeyance until it becomes a non-provisional rejection.

Withdrawal of the double patenting rejection is respectfully requested.

35 U.S.C. § 103(a) Rejection

Claims 1-3, 5-7, 11, 13, 14, 18, 19 and 21-25 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Wardimon* (US 2006/0030370, hereinafter "*Wardimon*") and further in view of *Tojo* et al. (US 2004/0250217, hereinafter "*Tojo*"), and claims 10, 17 and 20 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Wardimon*, in view of *Tojo* and further in view of *Sherrard* et al. (US 2007/0035513, hereinafter "*Sherrard*"). Applicant respectfully traverses the rejections for at least on the following reasons.

Claim 1 now recites, among other features, "selecting application programs from application programs installed in the mobile terminal, based on selection from a user, wherein each of the selected application programs is set to be displayed on one of the presentations" and "displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal." As to these features, the Office cited paragraphs [0030] and [0032] of *Wardimon* (line 14 of page 6 to line 5 of page 7 of the Office Action dated July 10, 2013). However, the cited passages of *Wardimon* are silent in

disclosing or teaching the features of selecting application programs and displaying one of the presentations of the selected application programs.

Paragraph [0030] of *Wardimon* read as follows:

> *"In one embodiment, a user may press a first button **to access a first directory menu** that provides the user with options to access **information** stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc. If the user wants to view the SMS messages, for example, the user then presses an arrow button to select an option that provides access to the SMS message screen. The user after selecting the option then presses a button to confirm his selection. He is then provided with a screen that contains a list of SMS messages, for example." (emphasis added).*

Paragraph [0032] of *Wardimon* read as follows:

> *"As shown in FIG. 1, idle screen 125 is an exemplary representation of mobile device 120's default idle screen. Referring to FIG. 2, in accordance with one embodiment, a user interacts with mobile device 120's user interface to browse through mobile device 120's menu screens (S210). Application software 1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen." (emphasis added).*

As disclosed above, *Wardimon* merely discloses the first directory menu that provides the user with the options to access *information* stored in the mobile device. According to *Wardimon*, the user selects the stored information (e.g. SMS message) by way of the directory menu. On the contrary, according to the method of claim 1, *application programs*, are selected based on the selection from the user. In *Wardimon*, there is no further disclosure related to the features of selecting application programs based on the selection from the user. The stored *information* of *Wardimon*, which accessed by the directory menu, are distinguished from the *selected application programs* of claim 1, which are selected based on the selection from the user.

Furthermore, *Wardimon* is also silent in disclosing or teaching the features of the application programs each of which is set to be displayed on one of the presentations, and displaying ***one*** of the presentations of the ***selected*** application programs as the idle screen on a display unit of the mobile terminal. *Wardimon* merely discloses the application software which provides the user with the option to set any screen displayed on mobile device as the idle screen. There is no disclosure related to not only the feature of application programs each of which is set to be displayed on one of the presentations, but also the feature of displaying ***one*** of the presentations of the ***selected*** application programs. According to one

or more embodiments of claim 1, the user can construct, at his own will or preference, an idle screen displaying the selected applications that he wishes to include in the idle screen. Thus, the features of the application programs each of which is set to be displayed on one of the presentations, and displaying ***one*** of the presentations of the ***selected*** application programs as the idle screen on a display unit of the mobile terminal are clearly distinguished from *Wardimon.*

Meanwhile, *Tojo* and *Sherrard* fail to remedy the deficiencies of *Wardimon*. In *Tojo* and *Sherrard*, there is no disclosure related to the features of selecting application programs based on selection from the user and displaying one of the presentations of the selected application programs. Therefore, Applicant believes that the method of claim 1 is clearly distinguished from *Wardimon, Tojo* and *Sherrard*, either alone or in combination.

Independent claims 11 and 18 recite corresponding features to the above features of claim 1. Claim 11 recites "a control unit configured to select ***application programs*** from application programs installed in the mobile terminal, based on input from the user interface, wherein each of the selected application programs is set to be displayed on one of the presentations, display ***one*** of the presentations of the ***selected*** application programs as the idle screen on the display unit of the mobile terminal," and claim 18 recites "selecting ***application programs*** from application programs installed in the mobile terminal, based on input from a user, wherein each of the selected application programs is set to be displayed on one of the presentations" and "displaying ***one*** of the presentations of the ***selected*** application programs as the idle screen on a display unit of the mobile terminal." Therefore, Applicant believes that each of claims 11 and 18 is also clearly distinguished from *Wardimon, Tojo* and *Sherrard*, either alone or in combination.

Accordingly, Applicant respectfully submits that the applied references, i.e., *Wardimon*, *Tojo*, and *Sherrard*, either alone or in combination, fail to teach or suggest all of the features of each of independent claims 1, 11 and 18. Thus, claims 1, 11 and 18 are believed patentable over the applied references. Meanwhile, dependent claims 2-3, 5-7, 10, 13-14 and 17, 19-25 are also believed patentable at least for the dependencies. Applicant respectfully submits that the rejections of claims 1-3, 5-7, 10, 11, 13, 14 and 17-25 are believed overcome. Withdrawal of the rejections is now believed appropriate and therefore respectfully requested.

Conclusion

All rejections having been addressed, it is respectfully submitted that the present application is in condition for allowance. A swift Notice to that effect is earnestly solicited. If any issues remain, the Examiner is invited to telephone the undersigned Applicants' attorney of record, to resolve the same.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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Date: October 10, 2013

YSH/SYK/ha

Electronic Acknowledgement Receipt

EFS ID:	17091868
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/Hee Jeong An
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	10-OCT-2013
Filing Date:	08-MAY-2012
Time Stamp:	12:41:11
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	Amendment/Req. Reconsideration-After Non-Final Reject	126587-0008CON_Response.pdf	71203 b5269e0bde778fb9aa9d4825c19770dd19976118	no	9
Warnings:					
Information:					

Total Files Size (in bytes):	71203

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 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/466,699	Filing Date 05/08/2012	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	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 $310 ($155 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	

APPLICATION AS AMENDED – PART II

AMENDMENT	10/10/2013	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 19	Minus	** 20	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $420 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						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.

LIE
/WANDA BARNES/

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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 07/10/2013
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EXAMINER	
SOROWAR, GOLAM	
ART UNIT	PAPER NUMBER
2649	

MAIL DATE	DELIVERY MODE
07/10/2013	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. 13/466,699	Applicant(s) PARK ET AL.	
	Examiner GOLAM SOROWAR	Art Unit 2649	AIA (First Inventor to File) Status No

-- 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 *4 March 2013*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ 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

5)☒ Claim(s) *1-3,5-7,10,11,13,14 and 17-25* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-3,5-7,10,11,13,14 and 17-25* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ 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).

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).

Certified copies:

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)).

* 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) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claims 1-3, 5-7, 10, 11, 13, 14 and 17-25 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-3, 5-7,10-11, 13-14 and 17-25 are rejected on the ground of nonstatutory double patenting over claims 1-20 of the copending application 11911277. Although the conflicting claims are not identical, they are not patentably distinct from each other because all the claimed limitations recited in the present application are transparently found in the copending application 11911277 with obvious wording variations. Take an example of comparing claim 1 of pending application and claim 1 of copending application 11911277:

Pending application 13466699	Co-pending application 11911277
A method of setting an idle screen of a mobile terminal based on a plurality of presentations of application programs, the method comprising: selecting application programs	A method of providing an application selection function for a mobile communication terminal having a key input module, a microprocessor, a program memory, a data storage

from application programs installed in the mobile terminal, based on selection from a user, wherein each of the selected programs corresponds to one of the presentations; displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal “responsive to an idle screen switch request, displaying a next one of the presentation of the selected application programs on the display unit, according to an order of the presentations ; and setting a currently displayed presentation of the presentations of the selected applications programs as the idle screen.	module, and a display module, the method comprising the steps of: (a) designating one or more sequence numbers to corresponding one or more applications in response to a an input of a user; (b) running an application selection program stored in the program memory when the user operates a first key button for driving the application selection program, and displaying a first application of the one or more applications on the display module; (c) displaying a next application of the one or more applications according to an order of the designated one or more sequence numbers, in a circular manner, on the display module every time the user operates a second key button; and (d) adopting an application currently displayed on the display module as an

	idle screen when the user operates a confirmation key button, the idle screen being displayed on the display module when said mobile communication terminal is in an idle mode.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 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.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under pre-AIA 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-3, 5-7, 11, 13, 14, 18, 19 and 21-25 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Wardimon (US 20060030370), and further in view of Tojo et al. (US 20040250217), hereinafter referenced as Wardimon and Tojo, respectively.

Regarding claim 1, Wardiman discloses,

A method ***(i.e., method shown in Fig. 2)*** of setting an idle screen ***(e.g., idle screens 125 and 126)*** of a mobile terminal ***(mobile device 120)*** based on a plurality of presentations ***(interpreted as 'first screen or second screen' [0014] or 'old screen or new screen' [0033])*** of application programs ***(interpreted as user's event calendar, phone book, SMS messages, voice messages, call history, games, etc, Para. [0030])***, the method comprising:

"selecting application programs from application programs installed in the mobile terminal, based on selection from a user ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc. If the user wants to view the SMS messages, for example, the user then presses an arrow button to select an option that provides access to the SMS message screen, Para. [0030])***, wherein each of the selected programs corresponds to one of the presentations ***(after selecting the option, the user then presses a button to confirm his selection. The***

user is then provided with a screen with the selected item, Para. [0030])";

"displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal ***(Application software 1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Para. [0032])***";

"responsive to an idle screen switch request, displaying a next one of the presentation of the selected application programs on the display unit ***(a user who often accesses his or her inbox for incoming SMS messages may want to set the inbox screen as the new idle screen or may want to set the calendar or phone book screen to be displayed while mobile device 120 is idling. To accomplish this, the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***" and

"setting a currently displayed presentation of the presentations of the selected applications programs as the idle screen ***(selecting a first screen displayed on the mobile device by interacting with a user interface of the mobile device; and displaying the first screen on a display of the mobile device when the mobile device is in a first mode, Fig. 2; steps 220-240 and Para. [0013-0014]).***"

However, Wardimon does not disclose, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation."

In a similar field of endeavor, Tojo discloses, "displaying a next of the

presentation of the selected application programs on the display unit, according to an order of the presentation ***(see, Fig. 18 and Para. [0066-0067])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 2, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), however Wardimon fails to disclose, "wherein at least one of the presentations of the selected application programs comprises one or more shortcut icons."

In a similar field of endeavor, Tojo discloses, "wherein at least one of the presentations of the selected application programs comprises one or more shortcut icons ***(see, icons for address, received mail and schedule as shown in Fig. 18)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein at least one of the presentations of the selected application programs comprises one or more shortcut icons, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 3, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "wherein the selecting is performed such that each of the presentation corresponds to a different application program ***(a user who often accesses his or her inbox for incoming SMS messages may want to set the inbox screen as the new idle screen or may want to set the calendar or phone book screen to be displayed while mobile device 120 is idling. To accomplish this, the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***."

Regarding claim 5, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "wherein the idle screen switch request is inputted from a key button positioned on the mobile phone ***(the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***."

Regarding claim 6, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request is a leftward or rightward movement request."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch request is a leftward or rightward movement request ***(See, Fig. 6)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request is a leftward or rightward movement request, as taught by Tojo for the purpose of efficiently navigating screens in the mobile display unit.

Regarding claim 7, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order ***(See, Fig. 4)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order, as taught by Tojo for the purpose of providing a method with which each function can be efficiently selected from a function menu displayed on an operating screen.

Regarding claim 11, Wardiman discloses,

A mobile terminal ***(mobile phone 120)*** for setting an idle screen ***(e.g., idle screens 125 and 126)*** based on a plurality of presentations ***(interpreted as***

'first screen or second screen' [0014] or 'old screen or new screen' [0033]) of application programs ***(interpreted as user's event calendar, phone book, SMS messages, voice messages, call history, games, etc, Para. [0030])***, the mobile terminal comprising:

"a user interface configured to be operable by a user ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to…., Para. [0030])***";

"a display unit ***(mobile device 120 as shown in Fig. 1)***"; and

a control unit ***(inherent feature)*** configured to:

"select application programs from application programs installed in the mobile terminal, based on input from the user interface ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc. If the user wants to view the SMS messages, for example, the user then presses an arrow button to select an option that provides access to the SMS message screen, Para. [0030])***, wherein each of the selected programs corresponds to one of the presentations ***(after selecting the option, the user then presses a button to confirm his selection. The user is then provided with a screen with the selected item, Para. [0030])***";

"display one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal ***(Application software***

1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Para. [0032])";

"responsive to an idle screen switch request from the user interface, display a next one of the presentation of the selected application programs on the display unit ***(a user who often accesses his or her inbox for incoming SMS messages may want to set the inbox screen as the new idle screen or may want to set the calendar or phone book screen to be displayed while mobile device 120 is idling. To accomplish this, the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***" and

"set a currently displayed presentation of the presentations of the selected applications programs as the idle screen ***(selecting a first screen displayed on the mobile device by interacting with a user interface of the mobile device; and displaying the first screen on a display of the mobile device when the mobile device is in a first mode, Fig. 2; steps 220-240 and Para. [0013-0014]).***"

However, Wardimon does not disclose, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation."

In a similar field of endeavor, Tojo discloses, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation ***(see, Fig. 18 and Para. [0066-0067])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time

of invention was made to modify Wardimon by specifically providing displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 13, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 11), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request is a leftward or rightward movement request."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch request is a leftward or rightward movement request ***(See, Fig. 6)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request is a leftward or rightward movement request, as taught by Tojo for the purpose of efficiently navigating screens in the mobile display unit.

Regarding claim 14, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 11), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch

request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order ***(See, Fig. 4)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request indication whether the presentations of selected application programs are switched either in an ascending or in a descending order, as taught by Tojo for the purpose of providing a method with which each function can be efficiently selected from a function menu displayed on an operating screen.

Regarding claim 18, Wardiman discloses,

"selecting application programs from application programs installed in the mobile terminal, based on selection from a user ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc. If the user wants to view the SMS messages, for example, the user then presses an arrow button to select an option that provides access to the SMS message screen, Para. [0030])***, wherein each of the selected programs corresponds to one of the presentations ***(after selecting the option, the user then presses a button to confirm his selection. The user is then provided with a screen with the selected item, Para. [0030])***";

"displaying one of the presentations of the selected application programs as the idle screen on a display unit of the mobile terminal ***(Application software***

1122 provides the user with the option to set any screen displayed on mobile device 120 as the idle screen, Para. [0032])";

"responsive to an idle screen switch request, displaying a next one of the presentation of the selected application programs on the display unit ***(a user who often accesses his or her inbox for incoming SMS messages may want to set the inbox screen as the new idle screen or may want to set the calendar or phone book screen to be displayed while mobile device 120 is idling. To accomplish this, the user interacts with mobile device 120's user interface to select a new screen to be displayed as the idle screen, Para. [0033])***" and

"setting a currently displayed presentation of the presentations of the selected applications programs as the idle screen ***(selecting a first screen displayed on the mobile device by interacting with a user interface of the mobile device; and displaying the first screen on a display of the mobile device when the mobile device is in a first mode, Fig. 2; steps 220-240 and Para. [0013-0014]).***"

However, Wardimon does not disclose, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation."

In a similar field of endeavor, Tojo discloses, "displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation ***(see, Fig. 18 and Para. [0066-0067])***."

Therefore, it would be obvious to one of ordinary skill in the art at the time

of invention was made to modify Wardimon by specifically providing displaying a next of the presentation of the selected application programs on the display unit, according to an order of the presentation, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 19, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 18), further Wardimon discloses, "an idle screen switch request ***(Para. [0033])***." However Wardimon fails to disclose, "wherein the screen switch request is a leftward or rightward movement request."

In a similar field of endeavor, Tojo discloses, "wherein the screen switch request is a leftward or rightward movement request ***(See, Fig. 6)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the screen switch request is a leftward or rightward movement request, as taught by Tojo for the purpose of efficiently navigating screens in the mobile display unit.

Regarding claim 21, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "wherein at least one of the presentation of the selected application programs comprises one or more contact addresses ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's***

event calendar, phone book, SMS messages, voice messages, call history, games, etc, Para. [0030])."

Regarding claim 22, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), further Wardimon discloses, "wherein at least one of the presentation of the selected application programs comprises one or more schedule management information ***(a user may press a first button to access a first directory menu that provides the user with options to access information stored in mobile device 120 related to, for example, user's event calendar, phone book, SMS messages, voice messages, call history, games, etc, Para. [0030])***."

Regarding claim 23, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), however, Wardimon fails to disclose, "wherein the order of the presentation is usable in a circular manner."

In a similar field of endeavor, Tojo discloses, "wherein the order of the presentation is usable in a circular manner ***(see, Figs. 4 and 5)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the order of the presentation is usable in a circular manner, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 24, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 11), however, Wardimon fails to disclose, "wherein the order of the presentation is usable in a circular manner."

In a similar field of endeavor, Tojo discloses, “wherein the order of the presentation is usable in a circular manner ***(see, Figs. 4 and 5)***.”

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the order of the presentation is usable in a circular manner, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Regarding claim 25, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 18), however, Wardimon fails to disclose, “wherein the order of the presentation is usable in a circular manner.”

In a similar field of endeavor, Tojo discloses, “wherein the order of the presentation is usable in a circular manner ***(see, Figs. 4 and 5)***.”

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Wardimon by specifically providing wherein the order of the presentation is usable in a circular manner, as taught by Tojo for the purpose of efficiently selecting a menu from a function menu displayed on an operation screen of portable communication device.

Claims 10, 17 and 20 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Wardimon, in view of Tojo and further in view of Sherrard et al. (US 20070035513), hereinafter referenced as Sherrard.

Regarding claim 10, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 1), however the combination of

Wardimon and Tojo fails to disclose, “wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength.”

In a similar field of endeavor, Sherrard discloses, “wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength ***(see, Fig. 1 which displays battery and power reception strength)***.”

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Wardimon and Tojo by specifically providing wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength, as taught by Sherrard for the purpose of providing user an information regarding battery power and signal strength.

Regarding claim 17, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 11), however the combination of Wardimon and Tojo fails to disclose, “wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength.”

In a similar field of endeavor, Sherrard discloses, “wherein the

presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength ***(see, Fig. 1 which displays battery and power reception strength)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify the combination of Wardimon and Tojo by specifically providing wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength, as taught by Sherrard for the purpose of providing user an information regarding battery power and signal strength.

Regarding claim 20, the combination of Wardimon and Tojo discloses everything claimed as applied above (see claim 18), however the combination of Wardimon and Tojo fails to disclose, "wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength."

In a similar field of endeavor, Sherrard discloses, "wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength ***(see, Fig. 1 which displays battery and power reception strength)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time

of invention was made to modify the combination of Wardimon and Tojo by specifically providing wherein the presentations of the selected application programs display an operating conditions of the mobile terminal in common and the displayed operating condition comprises power utilization and radio wave reception strength, as taught by Sherrard for the purpose of providing user an information regarding battery power and signal strength.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GOLAM SOROWAR whose telephone number is (571)270-3761. The examiner can normally be reached on MON-FRI: 7:00 am-5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, EDWARD F. URBAN can be reached on (571) 272-7899. 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.

/GOLAM SOROWAR/
Examiner, Art Unit 2649

Notice of References Cited	Application/Control No. 13/466,699	Applicant(s)/Patent Under Reexamination PARK ET AL.	
	Examiner GOLAM SOROWAR	Art Unit 2649	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2004/0250217 A1	12-2004	Tojo et al.	715/810
*	B	US-2006/0030370 A1	02-2006	Wardimon, Yavor Eliad	455/566
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	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	
	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.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/08/2012	11/18/2012	06/24/2013						
	1	✓	✓	✓						
	2	✓	✓	✓						
	3	✓	✓	✓						
	4	✓	-	-						
	5	✓	✓	✓						
	6	✓	✓	✓						
	7	✓	✓	✓						
	8	✓	-	-						
	9	✓	-	-						
	10	✓	✓	✓						
	11	✓	✓	✓						
	12	✓	-	-						
	13	✓	✓	✓						
	14	✓	✓	✓						
	15	✓	-	-						
	16	✓	-	-						
	17	✓	✓	✓						
	18	✓	✓	✓						
	19	✓	✓	✓						
	20	✓	✓	✓						
	21		✓	✓						
	22		✓	✓						
	23			✓						
	24			✓						
	25			✓						

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	566, 418, 412.1, 550.1,	6/24/2013	GS
345	212, 213, 156, 473	6/24/2013	GS
715	838, 744, 810, 817, 243	6/24/2013	GS

SEARCH NOTES		
Search Notes	Date	Examiner
EAST	6/24/2013	GS
PALM inventor search	6/24/2013	GS
Checked the parent case for double patentin rejection	6/24/2013	GS
IEEE	6/24/2013	GS
NPL	6/24/2013	GS
Google Patent	6/24/2013	GS
Google Scholar	6/24/2013	GS
PLUS search	6/24/2013	GS
	6/24/2013	GS

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
455	566, 418, 412.1, 550.1,	6/24/2013	GS

/GOLAM SOROWAR/ Examiner.Art Unit 2649	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
345	212, 213, 156, 473	6/24/2013	GS
715	838, 744, 810, 817, 243	6/24/2013	GS

/GOLAM SOROWAR/ Examiner.Art Unit 2649	

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:02
S2	1	("8135441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:03
S3	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:04
S4	1	("7065664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:05
S5	1	("5832074").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:06
S6	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:07
S7	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:08
S8	1	("20080194242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:09
S9	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:12
S10	1	("20080004084").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:12
S11	31473	plura$4 near3 screen and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:14
S12	45	plura$4 near3 screen with (idle or stand$by or stand by) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:14
S13	39524	(displa$4) near3 next and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:14
S14	3515	(displa$4) near3 next near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:14
S15	1	(displa$4) near3 next near3 screen	US-PGPUB;	ADJ	ON	2012/07/06

		with (ascen$4 or a descen$4) and @py<"2007"	USPAT; EPO; JPO; DERWENT			13:15
S16	0	(displa$4) near3 next near3 screen with oder and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S17	133	(displa$4) near3 next near3 screen with order and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S18	29	("455"/$ or "345"/$).ccls. and (displa$4) near3 next near3 screen with order and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S19	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 16:13
S20	1536	plura$4 near3 screen with "same" and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:42
S21	4	plura$4 near3 screen with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:43
S22	1868	"same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:44
S23	54	plura$4 with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:44
S24	251	displa$4 with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:48
S26	59	displa$4 near3 (image or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:50
S27	6	(plur$4 or multip$4) near3 (image or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:41
S28	43	displa$4 with (plur$4 or multip$4) near3 (image or screen) and "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:53
S29	19055	displa$4 with (plur$4 or multip$4) near3 (image or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:58
S30	3217	"345"/$.ccls. and displa$4 with (plur$4 or multip$4) near3 (image or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:58

S31	619	"345"/$.ccls. and displa$4 with (plur$4 or multip$4) near3 (image or screen) and (phone or pda or mobile) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:59
S32	5757	(circula$4 near3 (menu or icon or application)) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:04
S33	116	displa$4 near3 (circula$4 near3 (menu or icon or application)) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:04
S34	0	displa$4 near3 (circula$4 near3 (menu or icon or application)) with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S35	0	(circula$4 near3 (menu or icon or application)) with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S36	9	(circula$4 near3 (menu or icon or application)) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S37	1659	"same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:10
S38	362	"same" background same different and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:11
S39	5	"same" background same different near3 fore$ground and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:11
S40	44	"same" background same different near3 image and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:16
S41	4	"same" background same different near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:18
S42	1659	"same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S43	188	"345"/$.ccls. and "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S44	58	"345"/$.ccls. and displa$4 with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S45	1	"455"/$.ccls. and displa$4 with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO;	ADJ	ON	2012/07/06 19:22

			DERWENT			
S46	1	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:23
S47	1	("8135441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:25
S48	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:26
S49	1	("7065664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:26
S50	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:27
S51	1	("7301532").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:28
S52	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:28
S53	1	("20080194242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:29
S54	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:31
S55	2016	455/566.ccls. and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S56	0	455/566.ccls. and "same"background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S57	6	455/566.ccls. and "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S58	165	455/566.ccls. and different near3 (screen or image) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:35
S59	12	455/566.ccls. and "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:48
S60	94	455/566.ccls. and navigat$4 with (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:49
S61	11	(switc$4 or chang$4) near3 (image or icon or application or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:01
S62	290675	(switc$4 or chang$4) near3 (image or	US-PGPUB;	ADJ	ON	2012/07/06

		icon or application or screen) and @py<"2008"	USPAT; EPO; JPO; DERWENT			20:07
S63	50993	(switc$4 or chang$4) near3 (image or icon or application or screen) with display and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:08
S64	511	455/566.ccls. and (switc$4 or chang$4) near3 (image or icon or application or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:08
S65	0	(switc$4 or chang$4) near3 (image or icon or application or screen) with "same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:49
S66	0	455/566.ccls. and "same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:50
S67	23	455/566.ccls. and wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:50
S68	32	"same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:52
S69	1868	"same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:53
S70	171	"same" background with different and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:53
S71	0	"same" background with composit and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:58
S72	41	"same" background with composit$4 and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:58
S73	1	("20060095916").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:02
S74	9	(circula$4 near3 (menu or icon or application)) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:03
S75	409	(switc$4 or chang$4) near3 (menu or icon or application) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:05
S76	53	("455"/$ or "345"/$).ccls. and (switc$4 or chang$4) near3 (menu or icon or application) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:05

S77	0	(dual (picture or image) with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:15
S78	0	(dual near3 image with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S79	0	(dual near3 picture with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S80	0	(dual near3 screen with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S81	0	(multiple near3 screen with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S82	0	(multiple near3 icon with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S83	1204	(multiple near3 icon) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:17
S84	108985	(multiple or dual) near3 (icon or application or image or screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:17
S85	803	(multiple or dual) near3 (icon or application or image or screen) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:18
S86	11	(multiple or dual) near3 (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:18
S87	306	(displa$4) with (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:21
S88	10	(displa$4) with (different or multiple) near3 (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:22
S89	1	("7970206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:27
S90	1	("7024054").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:27
S91	233	"same" background near3 image and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:28

S92	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/08 18:13
S93	1	"13466699"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/12 13:24
S94	1	("7742585").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:24
S95	1	("7561899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:25
S96	1	("7911451").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:27
S97	1	("8019389").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:27
S98	1	("7889180").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:28
S99	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:28
S100	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:29
S101	1	("7986305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S102	1	("6567627").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S103	1	("20090291676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S104	0	(2011/0307835).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:31
S105	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:31
S106	1	"13466699"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 17:45
S107	2	"7742585"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 17:48
S108	1	("7561899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:52
S109	1	("7911451").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:52

S110	1	("8019389").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:54
S111	1	("7889180").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:55
S112	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:56
S113	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:56
S114	1	("7986305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:57
S115	1	("20090291676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:57
S116	1	("20080155481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:58
S117	1	("20060030371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:58
S118	0	("8019389").URPN.	USPAT	ADJ	ON	2012/11/16 18:05
S119	3	("20030206202" | "20050138630" | "7620174").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2012/11/16 18:05
S120	130037	presen$4 with (application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:13
S121	3	presen$4 with (application) with (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:13
S122	51	(application) with (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:14
S123	543	(idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:17
S124	1	(arrang$4) near3 (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:17
S125	100	displa$5 near3 (application) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:18
S126	2645	"345"/$.ccls. and (assig$5) near3 application and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:27
S127	228	"345"/$.ccls. and (assig$5) near3	US-PGPUB;	ADJ	ON	2012/11/16

		application and (idle or stand$by or stand by) and @py<"2007"	USPAT; EPO; JPO; DERWENT			18:27
S128	2	"345"/$.ccls. and (assig$5) near3 application same (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:27
S129	1	("6181344").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:29
S130	1	("8271907").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:29
S131	1	("7134094").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:30
S132	1	("7565628").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:31
S133	167	"345"/$.ccls. and Gui and (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:32
S134	10	"345"/$.ccls. and Gui same (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:32
S135	1	("20060095916").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:38
S136	302859	(idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:40
S137	148	(displa$4) near3 (applicatin or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:40
S138	242	(displa$4) near3 (application or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:41
S139	15	(assig$4) near3 (icon or application) and (displa$4) near3 (application or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:42
S140	1	("20050130614").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:47
S141	181	(application or icon) with (idle or stand$by or stand by) near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:49
S142	3	assig$6 near3 (application or icon) with (idle or stand$by or stand by) near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:49
S143	2	"11911277"	US-PGPUB;	ADJ	ON	2012/11/16

			USPAT; EPO; JPO; DERWENT			19:07
S144	5	"1883921"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 19:15
S145	3	"20070035513"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 19:15
S146	201	(idle$screen or idle screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S147	543	(idle$screen or idle near3 screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S148	0	(idle$screen or idle near3 screen) with (short$cut or short cut) near3 (icon or application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S149	0	(idle$screen or idle near3 screen) same (short$cut or short cut) near3 (icon or application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:16
S150	1	(idle$screen or idle near3 screen) same (short$cut or short cut) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:16
S151	18	(idle$screen or idle near3 screen) and (short$cut or short cut) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:17
S152	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/18 09:37
S153	1	(13/466699).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:37
S154	1	("20090291676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:42
S155	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:43
S156	1	("20080216015").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:45
S157	1	("20070275736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:45
S158	1	("20070094596").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:46
S159	1	("20060156256").PN.	US-PGPUB; USPAT;	OR	OFF	2013/06/24 07:48

			USOCR			
S160	1	("20080005682").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:48
S161	1	("20060030371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:50
S162	1	("20070214414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:51
S163	1	("20050272475").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:51
S164	1	("20060099938").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:52
S165	1	("20050280660").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:52
S166	1	("20090251418").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:55
S167	1	("20060139333").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:56
S168	1	("20060229106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 07:57
S169	144	(switc$4 or chang$4) near3 (idle) near3 (screen or display or application) and @Py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 07:59
S170	9	(plura$4 or multip$4) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:32
S171	10	(switc$4) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:34
S172	6	(next) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:35
S173	2	(different) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:36
S174	14	(user near3 interface) near3 (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:37
S175	19	(user near3 interface) with (idle) near3 (screen) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:37
S176	7	("2006/0030370").URPN.	USPAT	ADJ	ON	2013/06/24 10:42

S177	0	"13466699"	USPAT	ADJ	ON	2013/06/24 10:45
S178	1	"13466699"	US-PGPUB; USPAT	ADJ	ON	2013/06/24 10:46
S179	1548	(set or set$4) with (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:48
S180	652	(set or set$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 10:48
S181	13	(set or set$4) near3 (idle) near3 (screen or mode) with (plura$4 or multip$4) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:14
S182	12	(set or set$4) near3 (differen$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:16
S183	4	(set or set$4) near3 (next) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:19
S184	413	(displa$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:19
S185	5	(displa$4) near3 (plura$4 or multip$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:19
S186	17	(displa$4) near3 (next or second) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:20
S187	408	(selec$4) near3 (idle) near3 (screen or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:22
S188	16	(selec$4) near3 (idle) near3 (screen or mode) with (plura$5 or multipl$4) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:23
S189	0	"405193224"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:24
S190	2	"05193224"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:24
S191	56	(plura$4) near3 (idle) near3 (screen or application or icon or mode) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:26
S192	32	(plura$4) near3 (idle) near3 (screen or application or icon or mode) and	US-PGPUB; USPAT;	ADJ	ON	2013/06/24 11:26

		(mobile or phone or cellular) and @pY<"2007"	EPO; JPO; DERWENT			
S193	65	(plura$4) near3 (screen or application or icon or mode) with (idle) and (mobile or phone or cellular) and @pY<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:30
S194	1	("20060084477").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:41
S195	1	("20070011610").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:42
S196	1	("20050282563").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:43
S197	1	("20080155481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:44
S198	1	("20060156256").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:45
S199	1	("20060236266").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:45
S200	1	("20060234696").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:46
S201	1	("20130159934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 11:47
S202	326	(chang$4) near3 (idle) near3 (screen or mode) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:48
S203	145	(chang$4) near3 (idle) near3 (screen or mode) and (phone or mobile or cellular) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:48
S204	101	("455"/$ or "370"/$ or "375"/$ or "345"/$).ccls. and (chang$4) near3 (idle) near3 (screen or mode) and (phone or mobile or cellular) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:49
S205	20	("455"/$ or "370"/$ or "375"/$ or "345"/$).ccls. and (plura$4) near3 (idle) near3 (screen or mode) and (phone or mobile or cellular) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2013/06/24 11:58
S206	1	("20040155907").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 13:14
S207	1	("20030038825").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 13:24
S208	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/06/24 13:24
S209	1	("20070035513").PN.	US-PGPUB;	OR	OFF	2013/06/24

			USPAT; USOCR			18:13

6/24/2013 8:45:58 PM
C:\Users\gsorowar\Documents\EAST\Workspaces\13466699.wsp

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	13466699	Filing Date	2012-05-08	Docket Number (if applicable)	126587-0008CON	Art Unit	2649
First Named Inventor	Youngmin PARK			Examiner Name	Golam Sorowar		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 071337

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. 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.

Signature of Registered U.S. Patent Practitioner			
Signature	/Yoon S. Ham/	Date (YYYY-MM-DD)	2013-03-04
Name	Yoon S. Ham	Registration Number	45307

This collection of information is required by 37 CFR 1.114. 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 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.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	13466699
Filing Date:	08-May-2012
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Filer:	Yoon Ham/james rhee
Attorney Docket Number:	126587-0008CON

Filed as Large 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:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Request for Continued Examination	1801	1	930	930
		Total in USD ($)		**930**

Electronic Acknowledgement Receipt	
EFS ID:	15107124
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/james rhee
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	04-MAR-2013
Filing Date:	08-MAY-2012
Time Stamp:	14:57:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$930
RAM confirmation Number	1714
Deposit Account	071337
Authorized User	HAM, YOON S
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees) Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		130304_0008CON_amendment.pdf	67265 1206149d64c4ebbfeb29782f24036c6498135c68	yes	11
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
	Claims		2	6	
	Applicant Arguments/Remarks Made in an Amendment		7	11	
Warnings:					
Information:					
2	Request for Continued Examination (RCE)	130304_0008CON_RCE.pdf	797741 18635d9cd3322a3fe810882272156fa57ed8862c	no	3
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30603 0a36b6af3980bd9da99c4cf2dbca873e6380c566	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	895609		

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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.

Docket No.: 126587-0008CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Youngmin PARK et al.	:	Confirmation No.: 9208
	:	
U.S. Patent Application No. 13/466,699	:	Group Art Unit: 2649
	:	
Filed: May 8, 2012	:	Examiner: Sorowar, Golam

For: METHOD AND APPARATUS FOR PROVIDING SPIN-HOME FUNCTION FOR MOBILE COMMUNICATION TERMINAL

MAIL STOP RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Office Action dated December 4, 2012, reconsideration and allowance of the subject application in view of the following remarks is respectfully requested.

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (**Currently Amended**) A method of setting an idle screen of a mobile terminal based on a plurality of presentations of ~~one or more~~ application programs, the method comprising;

selecting ~~the one or more~~ application programs from application programs installed in the mobile terminal ~~and defining an order of presenting the one or more application programs~~, based on ~~a user~~ selection from a user, wherein each of the selected application programs corresponds to one of the presentations;

displaying ~~a presentation~~ one of the presentations of the ~~one or more~~ selected application programs as the idle screen on a display unit of the mobile terminal;

responsive to an idle screen switch request, ~~circulating~~ displaying a next one of the presentations of the ~~one or more~~ selected application programs on the display unit~~, one at a time~~ according to [[the]]an order of the presentations ~~in a circular manner, responsive to an idle screen switch request from a user~~; and

setting a currently displayed presentation of the ~~one or more~~ presentations of the selected application programs as the idle screen.

2. (**Currently Amended**) The method as claimed in claim 1, wherein at least one of the presentations of the ~~one or more~~ selected application programs comprises one or more shortcut icons.

3. (**Currently Amended**) The method as claimed in claim 1, wherein the ~~selecting and defining~~ selecting is performed such that each of the presentations ~~of the one or more application programs are different from one another~~ corresponds to a different application program.

4. (Canceled)

5. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is inputted from a key button positioned on the mobile phone.

6. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is a leftward or rightward movement request.

7. (**Currently Amended**) The method as claimed in claim 1, wherein the idle screen switch request indicates whether the presentations of the ~~one or more~~ selected application programs are switched either in an ascending or in a descending order.

8-9. (Canceled)

10. (**Currently Amended**) The method as claimed in claim 1, wherein the presentations of the ~~one or more~~ selected application programs display an operating condition of the mobile terminal in common, and the displayed operating condition comprises power utilization and radio wave reception strength.

11. (**Currently Amended**) A mobile terminal for setting an idle screen based on a plurality of presentations of ~~one or more~~ application programs, the mobile terminal comprising:

a user interface configured to be operable by a user;

a display unit; and

a control unit configured to:

select ~~the one or more~~ application programs from application programs installed in the mobile terminal ~~and defining an order of presenting the one or more application programs~~, based on ~~a user~~ input from the user interface, wherein each of selected application programs corresponds to one of the presentations;

display ~~a presentation~~ one of the presentations of the ~~one or more~~ selected application programs as the idle screen on the display unit of the mobile terminal;

responsive to an idle screen switch request from the user interface, ~~circulate~~ display a next one of the presentations of the ~~one or more~~ selected application programs

on the display unit~~, one at a time~~ according to [[the]]an order of the presentations ~~in a circular manner, responsive to an idle screen switch request from the user interface~~; and

set a currently displayed presentation of the ~~one or more~~ presentations of the selected application programs as the idle screen.

12. (Canceled)

13. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the idle screen switch request is a leftward or rightward movement request.

14. (**Currently Amended**) The mobile terminal as claimed in claim 11, wherein the idle screen switch request indicates whether the presentations of the ~~one or more~~ selected application programs are switched either in an ascending or in a descending order.

15-16. (Canceled)

17. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the display unit displays at least one icon for indicating an operating condition of the mobile terminal and said at least one icon stays even with the idle screen switch request, wherein the operating condition comprises at least one of power utilization, radio wave reception strength and time.

18. (**Currently Amended**) A non-transitory computer-readable recording medium for storing a program for setting an idle screen based on a plurality of presentations of ~~one or more~~ application programs, wherein the program instructs the mobile terminal to perform the following steps:

selecting ~~the one or more~~ application programs from application programs installed in the mobile terminal ~~and defining an order of presenting the one or more application programs~~, based on ~~a user~~ input from a user, wherein each of selected application programs corresponds to one of the presentations;

displaying ~~a presentation~~ one of the presentations of the ~~one or more~~ selected application programs as the idle screen on a display unit of the mobile terminal;

responsive to an idle screen switch request, ~~circulating~~ displaying a next one of the presentations of the ~~one or more~~ selected application programs on the display unit~~, one at a time~~ according to [[the]]an order of the presentations ~~in a circular manner, responsive to an idle screen switch request from a user~~; and

setting a currently displayed presentation of the ~~one or more~~ presentations of the selected application programs as the idle screen.

19. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the idle screen switch request is a leftward or rightward movement request.

20. (**Currently Amended**) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the presentations of the ~~one or more~~ selected application programs display an operating condition of the mobile terminal in common, and the displayed operating condition comprises at least one of power utilization, radio wave reception strength and time.

21. **(Currently Amended)** The method as claimed in claim 1, wherein at least one of the presentations of the ~~one or more~~ selected application programs comprises one or more contact addresses.

22. **(Currently Amended)** The method as claimed in claim 1, wherein at least one of the presentations of the ~~one or more~~ selected application programs comprises one or more schedule management information.

23. **(New)** The method as claimed in claim 1, wherein the order of the presentations is usable in a circular manner.

24. (**New**) The mobile terminal as claimed in claim 11, wherein the order of the presentations is usable in a circular manner.

25. (**New**) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the order of the presentations is usable in a circular manner.

REMARKS

By this Amendment, claims 1-3, 7, 10-11, 14, 18, and 20-22 are amended. Claims 23-25 are introduced to provide the Applicant a scope of protection to which the Applicant is believed entitled. Accordingly, upon entry of this Amendment, claims 1-3, 5-7, 10-11, 13-14, and 17-25 are pending in this application. Support for the amendments is believed found at least in the original specification, drawings, and claims, such as FIGs. 2-4 and related description in the as-filed application.

Reconsideration and allowance of the subject application are respectfully requested.

Applicants thank Examiner Sorowar for the courtesies extended to Applicant's representatives during the December 27, 2012, telephone interview. The substance of the interview is incorporated into the remarks below.

Rejections under § 112

Claims 10 and 20 are rejected under 35 U.S.C. §112(b) or §112 (pre-AIA), second paragraph, as being indefinite. Claims 10 and 20 are amended to replace "displayed condition" with "displayed operating condition." The Examiner's indication during the interview that the proposed amendments overcome the §112 rejection of claims 10 and 20 is noted with appreciation. Withdrawal of the rejection under §112 is respectfully requested.

Rejections under § 102

Claims 1-3, 5, 6, 10, 11, 13, and 17-22 are rejected under 35 U.S.C. §102(e) as being anticipated by *Sherrard* (US 2007/0035513). This rejection is believed overcome for at least the reason discussed below.

A "claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." MPEP § 2131, quoting *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628 (Fed. Cir. 1987). "The identical invention must be shown in as complete detail as is contained in the . . . claim." MPEP § 2131, quoting *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226 (Fed. Cir. 1989). "The elements must

be arranged as required by the claim . . . ." MPEP § 2131, citing *In re Bond*, 910 F.2d 831 (Fed. Cir. 1990).

Amended independent claim 1 recites, among other things, "selecting application programs from application programs installed in the mobile terminal, based on selection from a user, wherein each of the selected application programs corresponds to one of the presentations," "responsive to an idle screen switch request, displaying a next one of the presentations of the selected application programs on the display unit according to an order of the presentations," and "setting a currently displayed presentation of the presentations of the selected application programs as the idle screen," as similarly recited in independent claims 11 and 18. *Sherrard* fails to disclose or suggest at least these features.

Sherrard describes a preferred contact group centric interface through which a user can add a contact to a group of the user's most-desired contacts. *Sherrard* at Fig. 5 and Fig. 6 and paragraphs 0053-0065. The preferred contact group centric interface in *Sherrard* displays an idle screen that depicts the user's most-desired contacts around an axis, and the currently selected contact is illustrated at a bottom center portion of the screen. *Sherrard* at FIG. 1 and paragraphs 0029, 0034, and 0057. The PTO asserts that the adding a contact to the group of the user's most-desired contacts corresponds to the recited "selecting . . . application programs," as similarly recited in claim 1, and the display of the user's most-desired contacts at the idle screen corresponds to the recited "circulating the presentations of the . . . application programs," as similarly recited in claim 1. Office Action at page 3, line 19, through page 4, line 10.

However, the term "contacts" in *Sherrard*, as best understood, refers to names and his/her corresponding telephone numbers, and are not "application programs," as recited in independent claim 1. Therefore, *Sherrard* as applied by the PTO cannot reasonably be interpreted to disclose or suggest "selecting application programs from application programs installed in the mobile terminal," as recited in independent claim 1 and similarly recited in independent claims 11 and 18.

Also, the display of the user's most-desired contacts around an axis in *Sherrard* is at best directed to different screen images having the user's most-desired contacts arranged in different position around the axis. However, the different screen images of the user's most-desired

contacts are not "presentations of the application programs," as similarly recited in independent claims 1, 11, and 18.

Therefore, *Sherrard* as applied by the PTO cannot reasonably be interpreted to disclose or suggest "each of the selected application programs corresponds to one of the presentations" and "responsive to an idle screen switch request, displaying a next one of the presentations of the selected application programs on the display unit according to an order of the presentations," as recited in independent claim 1 and similarly recited in independent claims 11 and 18.

In addition, the user in *Sherrard* may change the currently-selected contact by traversing the group of contacts in the user's contact group via a navigation buttons/interfaces. *Sherrard* at paragraphs 0034 and 0038. However, contrary to the PTO's assertion, *Sherrard* is still silent regarding setting an idle screen based on the currently-displayed positions of the group of contacts. Specifically, assuming *arguendo* that display of the user's most-desired contacts around an axis in *Sherrard* corresponds to a circular style idle screen, there appears to be no causal links provided in *Sherrard* between the rotation of the positions of the contacts and the setting of the idle screen. Therefore, *Sherrard* as applied by the PTO cannot reasonably be interpreted to disclose or suggest the recited "setting a currently displayed presentation of the presentations of the selected application programs as the idle screen," as recited in independent claim 1 and similarly recited in independent claims 11 and 18 (emphasis added).

For at least the reasons presented above, *Sherrard* does not describe an embodiment falling within the scope of claims 1, 11, and 18, and *Sherrard* as applied by the PTO thus does not anticipate independent claims 1, 11, and 18.

Claims 2-3, 5-6, 10, 13, 17, and 19-22 depend *inter alia* from claim 1, 11, or 18, include further patentable features, and are patentable over *Sherrard* as applied by the PTO at least for these features and/or the reasons advanced above with respect to claims 1, 11, and 18.

Withdrawal of the rejection of claims 1-3, 5, 6, 10, 11, 13, and 17-22 is respectfully requested.

Rejections under § 103

Claims 7 and 14 are rejected under 35 U.S.C. §103(a) as being unpatentable over *Sherrard* in view of one of *Tojo* (US 2004/0250217. The deficiencies of *Sherrard* were advanced above. Moreover, *Tojo* is not applied by the PTO in a manner sufficient to remedy the deficiencies of *Sherrard*. Therefore, *Sherrard* and *Tojo* as applied by the PTO fail to render independent claims 1 and 11, from which claims 7 and 14 variously depend, obvious. Claims 7 and 14 include further patentable features, and are patentable over *Sherrard* and *Tojo* as applied by the PTO at least for these features and/or the reasons advanced above with respect to claims 1 and 11. Withdrawal of the rejection under §103 is respectfully requested.

New Claims

Claims 23-25 variously depend from independent claims 1, 11, and 18, and are believed to be patentable over the applied references for at least the reasons advanced above for claims 1, 11, and 18 and the additional features claims 23-25 recite.

Conclusion

It is respectfully submitted that the present application is in condition for allowance, and a Notice to that effect is earnestly solicited. Early issuance of a Notice of Allowance is courteously solicited.

The Examiner is invited to telephone the undersigned, Applicant's attorney of record, to facilitate advancement of the present application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,
LOWE HAUPTMAN HAM & BERNER, LLP

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YSH/TC/jr

PTO/SB/06 (07-06)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/466,699	Filing Date 05/08/2012	☒ 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

		(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT	**03/04/2013**	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 19	Minus	** 20	= 0	X $ =		OR	X $62=	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $ =		OR	X $250=	0
	☐ 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	**0**

		(Column 1)		(Column 2)	(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		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:
/NICHELE PETERSON/

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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 02/13/2013
LOWE HAUPTMAN HAM & BERNER, LLP
2318 Mill Road
Suite 1400
ALEXANDRIA, VA 22314

EXAMINER	
SOROWAR, GOLAM	
ART UNIT	PAPER NUMBER
2649	
MAIL DATE	DELIVERY MODE
02/13/2013	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.

Advisory Action Before the Filing of an Appeal Brief	**Application No.** *13/466,699*	**Applicant(s)** PARK ET AL.
	Examiner GOLAM SOROWAR	**Art Unit** 2649

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 04 February 2013 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance;

(2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:

a) ☒ The period for reply expires *3* months from the mailing date of the final rejection.

b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires months from the mailing date of *the prior Advisory Action* or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because

a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);

b) ☐ They raise the issue of new matter (see NOTE below);

c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: *See Continuation Sheet*. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☒ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.

12. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____

13. ☐ Other: _____.

STATUS OF CLAIMS

14. The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: .

Claim(s) objected to: .

Claim(s) rejected: 1-3, 5-7, 10, 11, 13, 14 and 17-25.

Claim(s) withdrawn from consideration: .

/Nguyen Vo/
Primary Examiner, Art Unit 2649

Continuation of 3. NOTE: Amended features in the independent claims require further search and consideration.

DO NOT ENTER: /G.S./ (02/06/2013)

OK TO ENTER: /G.S./ (02/06/2013)

Docket No.: 126587-0008CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	EXPEDITED PROCEDURE Response under 37 CFR 1.116
Youngmin PARK et al.	:	Confirmation No.: 9208
U.S. Patent Application No. 13/466,699	:	Group Art Unit: 2649
Filed: May 8, 2012	:	Examiner: Sorowar, Golam

For: METHOD AND APPARATUS FOR PROVIDING SPIN-HOME FUNCTION FOR MOBILE COMMUNICATION TERMINAL

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Office Action dated December 4, 2012, reconsideration and allowance of the subject application in view of the following remarks is respectfully requested.

Docket No.: 126587-0008CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	EXPEDITED PROCEDURE Response under 37 CFR 1.116
Youngmin PARK et al.	:	Confirmation No.: 9208
U.S. Patent Application No. 13/466,699	:	Group Art Unit: 2649
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For: METHOD AND APPARATUS FOR PROVIDING SPIN-HOME FUNCTION FOR MOBILE COMMUNICATION TERMINAL

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Office Action dated December 4, 2012, reconsideration and allowance of the subject application in view of the following remarks is respectfully requested.

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (**Currently Amended**) A method of setting an idle screen of a mobile terminal based on a plurality of presentations of ~~one or more~~ application programs, the method comprising;

selecting ~~the one or more~~ application programs from application programs installed in the mobile terminal ~~and defining an order of presenting the one or more application programs~~, based on ~~a user~~ selection from a user, wherein each of the selected application programs corresponds to one of the presentations;

displaying ~~a presentation~~ one of the presentations of the ~~one or more~~ selected application programs as the idle screen on a display unit of the mobile terminal;

responsive to an idle screen switch request, ~~circulating~~ displaying a next one of the presentations of the ~~one or more~~ selected application programs on the display unit~~, one at a time~~ according to [[the]]an order of the presentations ~~in a circular manner, responsive to an idle screen switch request from a user~~; and

setting a currently displayed presentation of the ~~one or more~~ presentations of the selected application programs as the idle screen.

2. (**Currently Amended**) The method as claimed in claim 1, wherein at least one of the presentations of the ~~one or more~~ selected application programs comprises one or more shortcut icons.

3. (**Currently Amended**) The method as claimed in claim 1, wherein the ~~selecting and defining~~ selecting is performed such that each of the presentations ~~of the one or more application programs are different from one another~~ corresponds to a different application program.

4. (Canceled)

5. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is inputted from a key button positioned on the mobile phone.

6. (Previously Presented) The method as claimed in claim 1, wherein the idle screen switch request is a leftward or rightward movement request.

7. (**Currently Amended**) The method as claimed in claim 1, wherein the idle screen switch request indicates whether the presentations of the ~~one or more~~ selected application programs are switched either in an ascending or in a descending order.

8-9. (Canceled)

10. (**Currently Amended**) The method as claimed in claim 1, wherein the presentations of the ~~one or more~~ selected application programs display an operating condition of the mobile terminal in common, and the displayed operating condition comprises power utilization and radio wave reception strength.

11. (**Currently Amended**) A mobile terminal for setting an idle screen based on a plurality of presentations of ~~one or more~~ application programs, the mobile terminal comprising:

a user interface configured to be operable by a user;

a display unit; and

a control unit configured to:

select ~~the one or more~~ application programs from application programs installed in the mobile terminal ~~and defining an order of presenting the one or more application programs~~, based on ~~a user~~ input from the user interface, wherein each of selected application programs corresponds to one of the presentations;

display ~~a presentation~~ one of the presentations of the ~~one or more~~ selected application programs as the idle screen on the display unit of the mobile terminal;

responsive to an idle screen switch request from the user interface, ~~circulate~~ display a next one of the presentations of the ~~one or more~~ selected application programs

on the display unit~~, one at a time~~ according to [[the]]an order of the presentations ~~in a circular manner, responsive to an idle screen switch request from the user interface~~; and

set a currently displayed presentation of the ~~one or more~~ presentations of the selected application programs as the idle screen.

12. (Canceled)

13. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the idle screen switch request is a leftward or rightward movement request.

14. (**Currently Amended**) The mobile terminal as claimed in claim 11, wherein the idle screen switch request indicates whether the presentations of the ~~one or more~~ selected application programs are switched either in an ascending or in a descending order.

15-16. (Canceled)

17. (Previously Presented) The mobile terminal as claimed in claim 11, wherein the display unit displays at least one icon for indicating an operating condition of the mobile terminal and said at least one icon stays even with the idle screen switch request, wherein the operating condition comprises at least one of power utilization, radio wave reception strength and time.

18. (**Currently Amended**) A non-transitory computer-readable recording medium for storing a program for setting an idle screen based on a plurality of presentations of ~~one or more~~ application programs, wherein the program instructs the mobile terminal to perform the following steps:

selecting ~~the one or more~~ application programs from application programs installed in the mobile terminal ~~and defining an order of presenting the one or more application programs~~, based on ~~a user~~ input from a user, wherein each of selected application programs corresponds to one of the presentations;

displaying ~~a presentation~~ one of the presentations of the ~~one or more~~ selected application programs as the idle screen on a display unit of the mobile terminal;

responsive to an idle screen switch request, ~~circulating~~ displaying a next one of the presentations of the ~~one or more~~ selected application programs on the display unit~~, one at a time~~ according to [[the]]an order of the presentations ~~in a circular manner, responsive to an idle screen switch request from a user~~; and

setting a currently displayed presentation of the ~~one or more~~ presentations of the selected application programs as the idle screen.

19. (Previously Presented) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the idle screen switch request is a leftward or rightward movement request.

20. (**Currently Amended**) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the presentations of the ~~one or more~~ selected application programs display an operating condition of the mobile terminal in common, and the displayed operating condition comprises at least one of power utilization, radio wave reception strength and time.

21. **(Currently Amended)** The method as claimed in claim 1, wherein at least one of the presentations of the ~~one or more~~ selected application programs comprises one or more contact addresses.

22. **(Currently Amended)** The method as claimed in claim 1, wherein at least one of the presentations of the ~~one or more~~ selected application programs comprises one or more schedule management information.

23. **(New)** The method as claimed in claim 1, wherein the order of the presentations is usable in a circular manner.

24. (**New**) The mobile terminal as claimed in claim 11, wherein the order of the presentations is usable in a circular manner.

25. (**New**) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the order of the presentations is usable in a circular manner.

REMARKS

By this Amendment, claims 1-3, 7, 10-11, 14, 18, and 20-22 are amended. Claims 23-25 are introduced to provide the Applicant a scope of protection to which the Applicant is believed entitled. Accordingly, upon entry of this Amendment, claims 1-3, 5-7, 10-11, 13-14, and 17-25 are pending in this application. Support for the amendments is believed found at least in the original specification, drawings, and claims, such as FIGs. 2-4 and related description in the as-filed application.

Reconsideration and allowance of the subject application are respectfully requested. This Amendment should be entered under Rule 116 because it places this application in condition for allowance.

Applicants thank Examiner Sorowar for the courtesies extended to Applicant's representatives during the December 27, 2012, telephone interview. The substance of the interview is incorporated into the remarks below.

Rejections under § 112

Claims 10 and 20 are rejected under 35 U.S.C. §112(b) or §112 (pre-AIA), second paragraph, as being indefinite. Claims 10 and 20 are amended to replace "displayed condition" with "displayed operating condition." The Examiner's indication during the interview that the proposed amendments overcome the §112 rejection of claims 10 and 20 is noted with appreciation. Withdrawal of the rejection under §112 is respectfully requested.

Rejections under § 102

Claims 1-3, 5, 6, 10, 11, 13, and 17-22 are rejected under 35 U.S.C. §102(e) as being anticipated by *Sherrard* (US 2007/0035513). This rejection is believed overcome for at least the reason discussed below.

A "claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." MPEP § 2131, quoting *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628 (Fed. Cir. 1987). "The identical invention must be shown in as complete detail as is contained in the . . . claim." MPEP § 2131,

quoting *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226 (Fed. Cir. 1989). "The elements must be arranged as required by the claim . . . ." MPEP § 2131, citing *In re Bond*, 910 F.2d 831 (Fed. Cir. 1990).

Amended independent claim 1 recites, among other things, "selecting application programs from application programs installed in the mobile terminal, based on selection from a user, wherein each of the selected application programs corresponds to one of the presentations" and "responsive to an idle screen switch request, displaying a next one of the presentations of the selected application programs on the display unit according to an order of the presentations," as similarly recited in independent claims 11 and 18. *Sherrard* fails to disclose or suggest at least these features.

Sherrard describes a preferred contact group centric interface through which a user can add a contact to a group of the user's most-desired contacts. *Sherrard* at Fig. 5 and Fig. 6 and paragraphs 0053-0065. The preferred contact group centric interface in *Sherrard* displays an idle screen that depicts the user's most-desired contacts around an axis, and the currently selected contact is illustrated at a bottom center portion of the screen. *Sherrard* at FIG. 1 and paragraphs 0029, 0034, and 0057. The PTO asserts that the adding a contact to the group of the user's most-desired contacts corresponds to the recited "selecting . . . application programs," as similarly recited in claim 1, and the display of the user's most-desired contacts at the idle screen corresponds to the recited "circulating the presentations of the . . . application programs," as similarly recited in claim 1. Office Action at page 3, line 19, through page 4, line 10.

However, the term "contacts" in *Sherrard*, as best understood, refers to names and his/her corresponding telephone numbers, and are not "application programs," as recited in independent claim 1. Therefore, *Sherrard* as applied by the PTO cannot reasonably be interpreted to disclose or suggest "selecting application programs from application programs installed in the mobile terminal," as recited in independent claim 1 and similarly recited in independent claims 11 and 18.

Also, the display of the user's most-desired contacts around an axis in *Sherrard* is at best directed to different screen images having the user's most-desired contacts arranged in different position around the axis. However, the different screen images of the user's most-desired

contacts are not "presentations of the application programs," as recited in independent claim. Therefore, *Sherrard* as applied by the PTO cannot reasonably be interpreted to disclose or suggest "each of the selected application programs corresponds to one of the presentations" and "responsive to an idle screen switch request, displaying a next one of the presentations of the selected application programs on the display unit according to an order of the presentations," as recited in independent claim 1 and similarly recited in independent claims 11 and 18.

For at least the reasons presented above, *Sherrard* does not describe an embodiment falling within the scope of claims 1, 11, and 18, and *Sherrard* as applied by the PTO thus does not anticipate independent claims 1, 11, and 18.

Claims 2-3, 5-6, 10, 13, 17, and 19-22 depend *inter alia* from claim 1, 11, or 18, include further patentable features, and are patentable over *Sherrard* as applied by the PTO at least for these features and/or the reasons advanced above with respect to claims 1, 11, and 18.

Withdrawal of the rejection of claims 1-3, 5, 6, 10, 11, 13, and 17-22 is respectfully requested.

Rejections under § 103

Claims 7 and 14 are rejected under 35 U.S.C. §103(a) as being unpatentable over *Sherrard* in view of one of *Tojo* (US 2004/0250217. The deficiencies of *Sherrard* were advanced above. Moreover, *Tojo* is not applied by the PTO in a manner sufficient to remedy the deficiencies of *Sherrard*. Therefore, *Sherrard* and *Tojo* as applied by the PTO fail to render independent claims 1 and 11, from which claims 7 and 14 variously depend, obvious. Claims 7 and 14 include further patentable features, and are patentable over *Sherrard* and *Tojo* as applied by the PTO at least for these features and/or the reasons advanced above with respect to claims 1 and 11. Withdrawal of the rejection under §103 is respectfully requested.

New Claims

Claims 23-25 variously depend from independent claims 1, 11, and 18, and are believed to be patentable over the applied references for at least the reasons advanced above for claims 1, 11, and 18 and the additional features claims 23-25 recite.

Conclusion

It is respectfully submitted that the present application is in condition for allowance, and a Notice to that effect is earnestly solicited. Early issuance of a Notice of Allowance is courteously solicited.

The Examiner is invited to telephone the undersigned, Applicant's attorney of record, to facilitate advancement of the present application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,
LOWE HAUPTMAN HAM & BERNER, LLP

/Yoon S. Ham/
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Date: **February 4, 2013**
YSH/TC/jr

Electronic Acknowledgement Receipt

EFS ID:	14870278
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/james rhee
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	04-FEB-2013
Filing Date:	08-MAY-2012
Time Stamp:	17:13:37
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		130204_0008CON_amendment.pdf	64775 d0bc4b3460dcb1525c71598bc8fd57223c9aebd9	yes	10

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment After Final	1	1
	Claims	2	6
	Applicant Arguments/Remarks Made in an Amendment	7	10
Warnings:			
Information:			
	Total Files Size (in bytes):	64775	

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
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
13/466,699	05/08/2012	

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		(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))	*	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	

AMENDMENT	02/04/2013	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 19	Minus	** 20	= 0	X $ =		OR	X $62 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0	X $ =		OR	X $250 =	0
	☐ 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	0

* 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:
/C. Dessau/

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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 01/03/2013

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EXAMINER	
SOROWAR, GOLAM	
ART UNIT	**PAPER NUMBER**
2649	

MAIL DATE	DELIVERY MODE
01/03/2013	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.

Applicant-Initiated Interview Summary	**Application No.** 13/466,699	**Applicant(s)** PARK ET AL.	
	Examiner GOLAM SOROWAR	**Art Unit** 2649	

All participants (applicant, applicant's representative, PTO personnel):

(1) *GOLAM SOROWAR*. (3)_____.

(2) *TOMY CHANG*. (4)_____.

Date of Interview: *27 December 2012*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☒112 ☒102 ☐103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *1, 10, and 20*.

Identification of prior art discussed: *US 20070035513*.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Proposed amendments were discussed. It appears that proposed amendments would overcome 102 and 112 rejection.However, Examiner will reserve the judgement until the formal admendment is reviewed and the search is updated as appropriate .

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/GOLAM SOROWAR/ Examiner, Art Unit 2649	/Edward Urban/ Supervisory Patent Examiner, Art Unit 2649

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

———

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
   (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 12/04/2012

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EXAMINER	
SOROWAR, GOLAM	
ART UNIT	PAPER NUMBER
2649	

MAIL DATE	DELIVERY MODE
12/04/2012	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)	
	13/466,699	PARK ET AL.	
	Examiner	Art Unit	
	GOLAM SOROWAR	2649	

-- 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 *17 October 2012*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ 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

5)☒ Claim(s) *1-3,5,6,10,11,13 and 17-22* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-3, 5, 6, 10, 11, 13 and 17-22* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ 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).

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) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claims 1-3, 5-7, 10, 11, 13, 14 and 17-22 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Claim Rejections - 35 USC § 112

The following is a quotation of 35 U.S.C. 112(b):

(B) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:

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.

Claims 10 and 20 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

Claim 10 recites the limitation "the displayed condition" in line 3. There is insufficient antecedent basis for this limitation in the claim.

Claim 20 recites the limitation "the displayed condition" in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

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 –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-3, 5, 6, 10, 11, 13 and 17-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Sherrard et al. (US 20070035513), hereinafter referenced as Sherrard.

Regarding claim 1, Sherrard discloses, a method of setting an idle screen of a mobile terminal based on presentations of one or more programs ***(see, Fig. 5 and 6 and Para. 53-65)***, the method comprising:

"selecting the one or more application programs from the application programs installed in the mobile terminal ***(The user can press the "Select" key from the idle screen to add a contact for the currently selected contact group member, Fig. 5 and 6 and Para. 53-65)*** and defining an order of presenting the one more application programs, based on a user selection ***(Pressing the "Select" key results in another screen that either replaces the current screen with an "Add Group Contact" dialog or overlays the current screen such as a pop-up window style, see Fig. 5 and 6 and Para. 53-65)***";

"displaying a presentation of the presentations of the one or more

application programs as the idle screen on a display unit of the mobile terminal ***(The display of the user's contacts on the preferred contact group centric interface's idle screen can be integrated into the background wallpaper through transparency, see Fig. 5 and 6)***"

"circulating the presentation of the one or more application programs on the display unit, one at a time according to the order in a circular manner responsive to an idle screen switch request from a user ***(Screenshot 110 illustrates a circular style idle screen where each contact in the user's contact group is arranged about a center axis on the graphics display, see Fig. 1 and Para. 34-36)***";

"setting a currently displayed presentation of the one or more application programs as the idle screen ***(The updated records dialog screen can be dismissed with a user interaction such as pressing an "OK" button, and the user interface resumes the idle screen with the populated contact now present and Para. 53-56)***."

Regarding claim 2, Sherrard discloses,

"wherein at least one of the presentations of the one or more application programs comprises one or more shortcut icons ***(see, Fig. 4)***."

Regarding claim 3, Sherrard discloses,

"wherein the selecting and defining is performed such that the presentation of the one or more application programs are different from one another ***(see, the difference between partially populated idle screen 410 and fully populated idle screen 420)***."

Regarding claim 5, Sherrard discloses,

"wherein the idle screen switch request is inputted from a key button positioned on the mobile phone ***(The user can press the "Select" key (e.g., the center button on a joypad, an "OK" button, or some other button) from the idle screen to add a contact for the currently selected contact group member, Para. 53)***."

Regarding claim 6, Sherrard discloses,

"wherein the idle screen switch request is a leftward or rightward movement request ***(the user can utilize the left/right keys or some other set of keys to rotate the currently selected group member though the various ordering positions, Para. 66)***."

Regarding claim 10, Sherrard discloses,

"the presentation of the one or more application programs an operating condition of the mobile terminal in common, and the displayed conditions comprises power utilization and radio wave reception strength ***(see, Fig. 1)***."

Regarding claim 11, Sherrard discloses, a mobile terminal for setting an idle screen based on presentations of one or more programs ***(see, Fig. 5 and 6 and Para. 53-65)***, the mobile terminal comprising:

"a user interface configured to be operable by a user ***(Para. 26)***";

" a display unit ***(see, Fig. 1)***";

"a control unit configured to select the one or more application programs from the application programs installed in the mobile terminal ***(The user can press the "Select" key from the idle screen to add a contact for the***

currently selected contact group member, Fig. 5 and 6 and Para. 53-65) and defining an order of presenting the one more application programs, based on a user selection ***(Pressing the "Select" key results in another screen that either replaces the current screen with an "Add Group Contact" dialog or overlays the current screen such as a pop-up window style, see Fig. 5 and 6 and Para. 53-65)***";

"display a presentation of the presentations of the one or more application programs as the idle screen on a display unit of the mobile terminal ***(The display of the user's contacts on the preferred contact group centric interface's idle screen can be integrated into the background wallpaper through transparency, see Fig. 5 and 6)***"

"circulate the presentation of the one or more application programs on the display unit, one at a time according to the order in a circular manner, responsive to an idle screen switch request from a user ***(Screenshot 110 illustrates a circular style idle screen where each contact in the user's contact group is arranged about a center axis on the graphics display, see Fig. 1 and Para. 34-36)***";

"set a currently displayed presentation of the one or more application programs as the idle screen ***(The updated records dialog screen can be dismissed with a user interaction such as pressing an "OK" button, and the user interface resumes the idle screen with the populated contact now present and Para. 53-56)***."

Regarding claim 13, Sherrard discloses,

"wherein the idle screen switch request is a leftward or rightward movement request ***(the user can utilize the left/right keys or some other set of keys to rotate the currently selected group member though the various ordering positions, Para. 66)***."

Regarding claim 17, Sherrard discloses,

"the presentation of the one or more application programs an operating condition of the mobile terminal in common, and the displayed conditions comprises power utilization and radio wave reception strength ***(see, Fig. 1)***."

Regarding claim 18, Sherrard discloses,

"selecting the one or more application programs from the application programs installed in the mobile terminal ***(The user can press the "Select" key from the idle screen to add a contact for the currently selected contact group member, Fig. 5 and 6 and Para. 53-65)*** and defining an order of presenting the one more application programs, based on a user selection ***(Pressing the "Select" key results in another screen that either replaces the current screen with an "Add Group Contact" dialog or overlays the current screen such as a pop-up window style, see Fig. 5 and 6 and Para. 53-65)***";

"displaying a presentation of the presentations of the one or more application programs as the idle screen on a display unit of the mobile terminal ***(The display of the user's contacts on the preferred contact group centric interface's idle screen can be integrated into the background wallpaper through transparency, see Fig. 5 and 6)***"

"circulating the presentation of the one or more application programs on

the display unit, one at a time according to the order in a circular manner responsive to an idle screen switch request from a user ***(Screenshot 110 illustrates a circular style idle screen where each contact in the user's contact group is arranged about a center axis on the graphics display, see Fig. 1 and Para. 34-36)***";

"setting a currently displayed presentation of the one or more application programs as the idle screen ***(The updated records dialog screen can be dismissed with a user interaction such as pressing an "OK" button, and the user interface resumes the idle screen with the populated contact now present and Para. 53-56)***."

Regarding claim 19, Sherrard discloses,

"wherein the idle screen switch request is a leftward or rightward movement request ***(the user can utilize the left/right keys or some other set of keys to rotate the currently selected group member though the various ordering positions, Para. 66)***."

Regarding claim 20, Sherrard discloses,

"the presentation of the one or more application programs an operating condition of the mobile terminal in common, and the displayed conditions comprises power utilization and radio wave reception strength ***(see, Fig. 1)***."

Regarding claim 21, Sherrard discloses,

"wherein at least one of the presentation of the one or more application programs comprise one or more contact addresses ***(The fields could also include a wide variety of additional information, including e-mail address,***

home address, Para. 54)."

Regarding claim 22, Sherrard discloses,

"wherein at least one of the presentations of the one or more application programs comprises one or more schedule management information ***(Para. 47-50)***."

Claim Rejections - 35 USC § 103

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.

Claims 7 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sherrard, and further in view of Tojo et al. (20040250217), hereinafter referenced as Tojo.

Regarding claim 7, Sherrard discloses everything claimed as applied above (see claim 1), however Sherrard fails to disclose, "wherein the idle screen switch request indicates whether the presentation of one or more application programs are switched either in an ascending or in a descending order."

In a similar field of endeavor, Tojo discloses "wherein the idle screen switch request indicates whether the presentation of one or more application programs are switched either in an ascending or in a descending order ***(see, Fig. 11-15)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time

of invention was made to modify Sherrard by specifically providing wherein the idle screen switch request indicates whether the presentation of one or more application programs are switched either in an ascending or in a descending order, as taught by Tojo for the purpose of providing method with which each function can be efficiently selected from a function menu displayed on an operation screen.

. ***Regarding claim 14,*** Sherrard discloses everything claimed as applied above (see claim 11), however Sherrard fails to disclose, "wherein the idle screen switch request indicates whether the presentation of one or more application programs are switched either in an ascending or in a descending order."

In a similar field of endeavor, Tojo discloses "wherein the idle screen switch request indicates whether the presentation of one or more application programs are switched either in an ascending or in a descending order ***(see Fig. 11-15)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Sherrard by specifically providing wherein the idle screen switch request indicates whether the presentation of one or more application programs are switched either in an ascending or in a descending order, as taught by Tojo for the purpose of providing method with which each function can be efficiently selected from a function menu displayed on an operation screen.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GOLAM SOROWAR whose telephone number is (571)270-3761. The examiner can normally be reached on MON-FRI: 7:00 am-5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, EDWARD F. URBAN can be reached on (571) 272-7899. 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.

/GOLAM SOROWAR/
Examiner, Art Unit 2649

/LANA N. LE/
Primary Examiner, Art Unit 2656

Notice of References Cited	Application/Control No. 13/466,699	Applicant(s)/Patent Under Reexamination PARK ET AL.	
	Examiner GOLAM SOROWAR	Art Unit 2649	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2007/0035513 A1	02-2007	Sherrard et al.	345/157
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	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	
	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
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

SEARCHED			
Class	Subclass	Date	Examiner
455	566, 418, 412.1, 550.1,	11/18/2012	GS
345	212, 213, 156, 473	11/18/2012	GS
715	838, 744, 810, 817, 243	11/18/2012	GS

SEARCH NOTES		
Search Notes	Date	Examiner
EAST	11/18/2012	GS
PALM inventor search	11/18/2012	GS
Checked the parent case for double patentin rejection	11/18/2012	GS
IEEE	11/18/2012	GS
NPL	11/18/2012	GS
Google Patent	11/18/2012	GS
Google Scholar	11/18/2012	GS
PLUS search	11/18/2012	GS
	11/18/2012	GS

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

/GOLAM SOROWAR/ Examiner.Art Unit 2649	

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:02
S2	1	("8135441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:03
S3	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:04
S4	1	("7065664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:05
S5	1	("5832074").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:06
S6	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:07
S7	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:08
S8	1	("20080194242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:09
S9	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:12
S10	1	("20080004084").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:12
S11	31473	plura$4 near3 screen and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:14
S12	45	plura$4 near3 screen with (idle or stand$by or stand by) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:14
S13	39524	(displa$4) near3 next and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:14
S14	3515	(displa$4) near3 next near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:14
S15	1	(displa$4) near3 next near3 screen	US-PGPUB;	ADJ	ON	2012/07/06

		with (ascen$4 or a descen$4) and @py<"2007"	USPAT; EPO; JPO; DERWENT			13:15
S16	0	(displa$4) near3 next near3 screen with oder and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S17	133	(displa$4) near3 next near3 screen with order and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S18	29	("455"/$ or "345"/$).ccls. and (displa$4) near3 next near3 screen with order and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S19	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 16:13
S20	1536	plura$4 near3 screen with "same" and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:42
S21	4	plura$4 near3 screen with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:43
S22	1868	"same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:44
S23	54	plura$4 with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:44
S24	251	displa$4 with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:48
S26	59	displa$4 near3 (image or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:50
S27	6	(plur$4 or multip$4) near3 (image or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:41
S28	43	displa$4 with (plur$4 or multip$4) near3 (image or screen) and "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:53
S29	19055	displa$4 with (plur$4 or multip$4) near3 (image or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:58
S30	3217	"345"/$.ccls. and displa$4 with (plur$4 or multip$4) near3 (image or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:58

S31	619	"345"/$.ccls. and displa$4 with (plur$4 or multip$4) near3 (image or screen) and (phone or pda or mobile) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:59
S32	5757	(circula$4 near3 (menu or icon or application)) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:04
S33	116	displa$4 near3 (circula$4 near3 (menu or icon or application)) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:04
S34	0	displa$4 near3 (circula$4 near3 (menu or icon or application)) with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S35	0	(circula$4 near3 (menu or icon or application)) with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S36	9	(circula$4 near3 (menu or icon or application)) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S37	1659	"same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:10
S38	362	"same" background same different and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:11
S39	5	"same" background same different near3 fore$ground and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:11
S40	44	"same" background same different near3 image and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:16
S41	4	"same" background same different near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:18
S42	1659	"same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S43	188	"345"/$.ccls. and "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S44	58	"345"/$.ccls. and displa$4 with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S45	1	"455"/$.ccls. and displa$4 with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO;	ADJ	ON	2012/07/06 19:22

			DERWENT			
S46	1	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:23
S47	1	("8135441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:25
S48	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:26
S49	1	("7065664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:26
S50	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:27
S51	1	("7301532").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:28
S52	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:28
S53	1	("20080194242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:29
S54	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:31
S55	2016	455/566.ccls. and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S56	0	455/566.ccls. and "same"background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S57	6	455/566.ccls. and "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S58	165	455/566.ccls. and different near3 (screen or image) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:35
S59	12	455/566.ccls. and "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:48
S60	94	455/566.ccls. and navigat$4 with (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:49
S61	11	(switc$4 or chang$4) near3 (image or icon or application or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:01
S62	290675	(switc$4 or chang$4) near3 (image	US-PGPUB;	ADJ	ON	2012/07/06

		or icon or application or screen) and @py<"2008"	USPAT; EPO; JPO; DERWENT			20:07
S63	50993	(switc$4 or chang$4) near3 (image or icon or application or screen) with display and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:08
S64	511	455/566.ccls. and (switc$4 or chang$4) near3 (image or icon or application or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:08
S65	0	(switc$4 or chang$4) near3 (image or icon or application or screen) with "same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:49
S66	0	455/566.ccls. and "same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:50
S67	23	455/566.ccls. and wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:50
S68	32	"same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:52
S69	1868	"same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:53
S70	171	"same" background with different and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:53
S71	0	"same" background with composit and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:58
S72	41	"same" background with composit$4 and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:58
S73	1	("20060095916").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:02
S74	9	(circula$4 near3 (menu or icon or application)) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:03
S75	409	(switc$4 or chang$4) near3 (menu or icon or application) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:05
S76	53	("455"/$ or "345"/$).ccls. and (switc$4 or chang$4) near3 (menu or icon or application) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:05

S77	0	(dual (picture or image) with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:15
S78	0	(dual near3 image with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S79	0	(dual near3 picture with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S80	0	(dual near3 screen with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S81	0	(multiple near3 screen with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S82	0	(multiple near3 icon with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S83	1204	(multiple near3 icon) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:17
S84	108985	(multiple or dual) near3 (icon or application or image or screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:17
S85	803	(multiple or dual) near3 (icon or application or image or screen) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:18
S86	11	(multiple or dual) near3 (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:18
S87	306	(displa$4) with (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:21
S88	10	(displa$4) with (different or multiple) near3 (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:22
S89	1	("7970206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:27
S90	1	("7024054").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:27
S91	233	"same" background near3 image and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:28

S92	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/08 18:13
S93	1	"13466699"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/12 13:24
S94	1	("7742585").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:24
S95	1	("7561899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:25
S96	1	("7911451").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:27
S97	1	("8019389").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:27
S98	1	("7889180").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:28
S99	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:28
S100	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:29
S101	1	("7986305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S102	1	("6567627").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S103	1	("20090291676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:30
S104	0	(2011/0307835).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:31
S105	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/12 13:31
S106	1	"13466699"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 17:45
S107	2	"7742585"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 17:48
S108	1	("7561899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:52
S109	1	("7911451").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:52

S110	1	("8019389").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:54
S111	1	("7889180").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:55
S112	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:56
S113	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:56
S114	1	("7986305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:57
S115	1	("20090291676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:57
S116	1	("20080155481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:58
S117	1	("20060030371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 17:58
S118	0	("8019389").URPN.	USPAT	ADJ	ON	2012/11/16 18:05
S119	3	("20030206202" | "20050138630" | "7620174").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2012/11/16 18:05
S120	130037	presen$4 with (application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:13
S121	3	presen$4 with (application) with (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:13
S122	51	(application) with (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:14
S123	543	(idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:17
S124	1	(arrang$4) near3 (idle or stand$by bo stand by) near3 (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:17
S125	100	displa$5 near3 (application) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:18
S126	2645	"345"/$.ccls. and (assig$5) near3 application and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:27
S127	228	"345"/$.ccls. and (assig$5) near3	US-PGPUB;	ADJ	ON	2012/11/16

		application and (idle or stand$by or stand by) and @py<"2007"	USPAT; EPO; JPO; DERWENT			18:27
S128	2	"345"/$.ccls. and (assig$5) near3 application same (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:27
S129	1	("6181344").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:29
S130	1	("8271907").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:29
S131	1	("7134094").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:30
S132	1	("7565628").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:31
S133	167	"345"/$.ccls. and Gui and (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:32
S134	10	"345"/$.ccls. and Gui same (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:32
S135	1	("20060095916").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:38
S136	302859	(idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:40
S137	148	(displa$4) near3 (applicatin or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:40
S138	242	(displa$4) near3 (application or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:41
S139	15	(assig$4) near3 (icon or application) and (displa$4) near3 (application or icon) with (idle or stand$by or stand by) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:42
S140	1	("20050130614").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/16 18:47
S141	181	(application or icon) with (idle or stand$by or stand by) near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:49
S142	3	assig$6 near3 (application or icon) with (idle or stand$by or stand by) near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 18:49
S143	2	"11911277"	US-PGPUB;	ADJ	ON	2012/11/16

			USPAT; EPO; JPO; DERWENT			19:07
S144	5	"1883921"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 19:15
S145	3	"20070035513"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/16 19:15
S146	201	(idle$screen or idle screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S147	543	(idle$screen or idle near3 screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S148	0	(idle$screen or idle near3 screen) with (short$cut or short cut) near3 (icon or application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:15
S149	0	(idle$screen or idle near3 screen) same (short$cut or short cut) near3 (icon or application) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:16
S150	1	(idle$screen or idle near3 screen) same (short$cut or short cut) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:16
S151	18	(idle$screen or idle near3 screen) and (short$cut or short cut) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/11/18 09:17
S152	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/11/18 09:37

11/18/2012 5:56:09 PM
C:\Users\gsorowar\Documents\EAST\Workspaces\13466699.wsp

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/08/2012	11/18/2012							
	1	✓	✓							
	2	✓	✓							
	3	✓	✓							
	4	✓	-							
	5	✓	✓							
	6	✓	✓							
	7	✓	✓							
	8	✓	-							
	9	✓	-							
	10	✓	✓							
	11	✓	✓							
	12	✓	-							
	13	✓	✓							
	14	✓	✓							
	15	✓	-							
	16	✓	-							
	17	✓	✓							
	18	✓	✓							
	19	✓	✓							
	20	✓	✓							
	21		✓							
	22		✓							

Docket No.: 126587-0008CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Youngmin PARK et al.	:	Confirmation No.: 9208
	:	
U.S. Patent Application No. 13/466,699	:	Group Art Unit: 2618
	:	
Filed: May 8, 2012	:	Examiner: Sorowar, Golam

For: METHOD AND APPARATUS FOR PROVIDING SPIN-HOME FUNCTION FOR MOBILE COMMUNICATION TERMINAL

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Office Action dated July 18, 2012, reconsideration and allowance of the subject application in view of the following remarks is respectfully requested.

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AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (**Currently Amended**) A method ~~for providing a plurality of screens in an idle state of a mobile terminal~~ of setting an idle screen of a mobile terminal based on presentations of one or more application programs, the method comprising;

~~allocating at least one application program to each of the screens~~ selecting the one or more application programs from application programs installed in the mobile terminal and defining an order of presenting the one or more application programs, based on a user selection;

displaying ~~a first screen among the plurality of screens~~ a presentation of the presentations of the one or more application programs as [[in]] the idle ~~state~~ screen on a display unit of the mobile terminal;

~~receiving~~ circulating the presentations of the one or more application programs on the display unit, one at a time according to the order in a circular manner, responsive to [[a]] an idle screen switch request from a user; and

~~turning the screens one by one based on the screen switch request so as to display said at least one application program allocated to each of the screens~~ setting a currently displayed presentation of the one or more application programs as the idle screen.

2. (**Currently Amended**) The method as claimed in claim 1, wherein at least one of the presentations of the one or more application programs comprises ~~the screens is a~~ one or more shortcut icons ~~icon screen~~.

3. (**Currently Amended**) The method as claimed in claim 1, wherein ~~the allocating~~ the selecting and defining is performed such that ~~said at least one application of each screen~~ the presentations of the one or more application programs are ~~may be allocated differently~~ different from ~~those of another screen~~ one another.

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4. **(Canceled)**

5. (**Currently Amended**) The method as claimed in claim 1, wherein the idle screen switch request is inputted from a key button positioned on the mobile phone.

6. (**Currently Amended**) The method as claimed in claim 1, wherein the idle screen switch request is a leftward or rightward movement request.

7. (**Currently Amended**) The method as claimed in claim 1, wherein the idle screen switch request indicates whether ~~a next screen is displayed~~ the presentations of the one or more application programs are switched either in an ascending or in a descending order ~~from a currently displayed screen~~.

8-9. **(Canceled)**

10. (**Currently Amended**) The method as claimed in claim 1, wherein ~~the plurality of screens~~ the presentations of the one or more application programs ~~displays~~ an operating condition of the mobile terminal in common, and the displayed condition comprises ~~at least one of~~ power utilization[[,]] and radio wave reception strength ~~and time~~.

11. (**Currently Amended**) A mobile terminal for ~~providing a plurality of screens in an idle state of a mobile terminal~~ setting an idle screen based on presentations of one or more application programs, the mobile terminal comprising:

a user interface configured to ~~receive user inputs~~ be operable by a user;

a display unit; and

a control unit configured to:~~for allocating at least one application program to each of the screens based on a user selection through the user interface, displaying a first screen among the plurality of screens in the idle state on the display unit, and turning the screens one by one based on a screen switch request received from the user interface so as to display said at least one application program allocated to each of the screens.~~

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select the one or more application programs from application programs installed in the mobile terminal and defining an order of presenting the one or more application programs, based on a user input from the user interface;

display a presentation of the presentations of the one or more application programs as the idle screen on the display unit of the mobile terminal;

circulate the presentations of the one or more application programs on the display unit, one at a time according to the order in a circular manner, responsive to an idle screen switch request from the user interface; and

set a currently displayed presentation of the one or more application programs as the idle screen.

12. **(Canceled)**

13. (**Currently Amended**) The mobile terminal as claimed in claim 11, wherein the idle screen switch request is a leftward or rightward movement request.

14. (**Currently Amended**) The mobile terminal as claimed in claim 11, wherein the idle screen switch request indicates whether ~~a next screen is displayed~~ the presentations of the one or more application programs are switched either in an ascending or in a descending order ~~from a currently displayed screen~~.

15-16. **(Canceled)**

17. (**Currently Amended**) The mobile terminal as claimed in claim 11, wherein the display unit displays at least one icon for indicating an operating condition of the mobile terminal and said at least one icon stays even with the idle screen switch request, wherein the operating condition comprises at least one of power utilization, radio wave reception strength and time.

18. (**Currently Amended**) A non-transitory computer-readable recording medium for storing a program for ~~providing a plurality of screens in an idle state of a mobile terminal~~ setting

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an idle screen based on presentations of one or more application programs, wherein the program instructs the mobile terminal to perform the following steps:

~~allocating at least one application program to each of the screens, based on a user selection;~~

~~displaying a first screen among the plurality of screens in the idle state;~~

~~receiving a screen switch request from a user; and~~

~~turning the screens one by one based on the screen switch request so as to display said at least one application program allocated to each of the screens.~~

selecting the one or more application programs from application programs installed in the mobile terminal and defining an order of presenting the one or more application programs, based on a user input;

displaying a presentation of the presentations of the one or more application programs as the idle screen on a display unit of the mobile terminal;

circulating the presentations of the one or more application programs on the display unit, one at a time according to the order in a circular manner, responsive to an idle screen switch request from a user; and

setting a currently displayed presentation of the one or more application programs as the idle screen.

19. (**Currently Amended**) The non-transitory computer-readable recording medium as claimed in claim 18, wherein the idle screen switch request is a leftward or rightward movement request.

20. (**Currently Amended**) The non-transitory computer-readable recording medium as claimed in claim 18, wherein ~~the plurality of screens~~ the presentations of the one or more application programs display ~~displays~~ an operating condition of the mobile terminal in common, and the displayed condition comprises at least one of power utilization, radio wave reception strength and time.

21. **(New)** The method as claimed in claim 1, wherein at least one of the presentations of the one or more application programs comprises one or more contact addresses.

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22. **(New)** The method as claimed in claim 1, wherein at least one of the presentations of the one or more application programs comprises one or more schedule management information.

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REMARKS

Reconsideration and allowance of the subject application are respectfully requested.

By this Amendment, claims 1-3, 5-7, 10-11, 13-14, and 17-20 are amended, and claims 21 and 22 are introduced to provide the Applicants a scope of protection to which the Applicants are believed entitled. Claims 4, 8-9, 12, and 15-16 are canceled without prejudice or disclaimer. Accordingly, upon entry of this Amendment, claims 1-3, 5-7, 10-11, 13-14, and 17-22 are pending in this application. Support for the new and amended claims is believed found at least in the original specification, drawings, and claims, such as FIGs. 2-4 and related description in the as-filed application.

Rejections under § 112

Claims 1-20 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Independent claims 1, 11, and 18 and various dependent claims are amended to obviate this rejection and are believed to be sufficiently definite. Withdrawal of the rejection under § 112 is respectfully requested.

Rejections under § 102

Claims 1, 3-6, 10-13, and 17-20 are rejected under 35 U.S.C. § 102(b) as being anticipated by *Ishigaki* (US 2001/0029193). This rejection is believed overcome for at least the reason discussed below.

A "claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." MPEP § 2131, quoting *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628 (Fed. Cir. 1987). "The identical invention must be shown in as complete detail as is contained in the . . . claim." MPEP § 2131, quoting *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226 (Fed. Cir. 1989). "The elements must be arranged as required by the claim . . . ." MPEP § 2131, citing *In re Bond*, 910 F.2d 831 (Fed. Cir. 1990).

Amended independent claim 1 recites, among other things, "selecting the one or more application programs from application programs installed in the mobile terminal and defining an

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order of presenting the one or more application programs, based on a user selection" and "circulating the presentations of the one or more application programs on the display unit, one at a time according to the order in a circular manner, responsive to an idle screen switch request from a user," as similarly recited in independent claims 11 and 18. *Ishigaki* fails to disclose or suggest at least these features.

In general, a mobile terminal according to one or more embodiments disclosed in the present application selects, based on a user input, one or more application programs to be displayed on a display unit as an idle screen and defines an order of presenting the one or more application programs. If an idle screen switch request is received, the mobile terminal switches presentations of the one or more application programs on the display unit in a circular manner, one at a time according to the order defined based on the user input. See FIG. 4 and related description in the as-filed application. These features allow the user to arbitrarily select a presentation of the one or more application programs which he/she would like use as the idle screen, and to switch the idle screen by displaying presentations of the one or more application programs in a circular manner.

In contrast, *Ishigaki* describes selecting an "illustration" as a background image or a foreground image. *Ishigaki* at paragraphs 0003-0014. However, *Ishigaki* is silent regarding the recited "selecting the one or more application programs from application programs installed in the mobile terminal and defining an order of presenting the one or more application programs, based on a user selection" and "circulating the presentations of the one or more application programs on the display unit, one at a time according to the order in a circular manner, responsive to an idle screen switch request from a user," as recited in independent claim 1 and similarly recited in independent claims 11 and 18.

For at least the reason presented above, *Ishigaki* does not describe an embodiment falling within the scope of claims 1, 11, and 18, and *Ishigaki* thus does not anticipate independent claims 1, 11, and 18.

Claims 3, 5-6, 10, 13, 17, and 19-20 depend *inter alia* from claim 1, 11, or 18, include further patentable features, and are patentable over *Ishigaki* as applied in the Office Action at

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least for these features and/or the reasons advanced above with respect to claims 1, 11, and 18. The cancellation of claims 4 and 12 renders the rejection of these claims moot.

Rejections under § 103

Claims 2, 7-9, and 14-16 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Ishigaki* in view of one of *Innanen* (US 2006/0290661), *Tojo* (US 2004/0250217), and *Srinivasa* (US 2004/0062440). The deficiencies of *Ishigaki* were advanced above. Moreover, *Innanen*, *Tojo*, and *Srinivasa* were not applied in the Office Action in a manner sufficient to remedy the deficiencies of *Ishigaki*.

For example, the PTO relies upon *Tojo* as an attempt to describe displaying the presentations of one or more application programs in a circular manner. Applicants respectfully disagree with the PTO's assertion. *Tojo* merely displays a circular menu and circulates "menu items" included in the circular menu. However, *Tojo* does not circulate the "presentations of the one or more application programs" from which an idle screen is selected, as similarly recited in independent claims 1 and 11. Moreover, in *Tojo*, the menu items included in the circular menu are preset by a manufacturer. As such, *Tojo* cannot reasonably be interpreted to disclose or suggest the recited "selecting the one or more application programs from application programs installed in the mobile terminal and defining an order of presenting the one or more application programs, based on a user selection" and "circulating the presentations of the one or more application programs on the display unit, one at a time according to the order in a circular manner, responsive to an idle screen switch request from a user," as recited in independent claim 1 and similarly recited in independent claim 11 (emphasis added).

Therefore, *Ishigaki* in view of one of *Innanen*, *Tojo*, and *Srinivasa* as applied in the Office Action fail to render independent claims 1 and 11, from which claims 2, 7, and 14 variously depend, obvious.

Claims 2, 7, and 14 depend *inter alia* from independent claim 1 or 11, include further patentable features, and are patentable over *Ishigaki* in view of one of *Innanen*, *Tojo*, and *Srinivasa* as applied in the Office Action at least for these features and/or the reasons advanced

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above with respect to claims 1 and 11. The cancellation of claims 8-9 and 15-16 renders the rejection of these claims moot.

In view of the above, withdrawal of the rejection under § 103 is respectfully requested.

New Claims

Claims 21 and 22 depend from independent claim 1, and thus are believed to be patentable over applied references for at least the reasons presented above for independent claim 1.

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Conclusion

It is respectfully submitted that the present application is in condition for allowance, and a Notice to that effect is earnestly solicited. Early issuance of a Notice of Allowance is courteously solicited.

The Examiner is invited to telephone the undersigned, Applicants' attorney of record, to facilitate advancement of the present application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,
LOWE HAUPTMAN HAM & BERNER, LLP

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Date: October 17, 2012
YSH/TC/jr

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Electronic Acknowledgement Receipt

EFS ID:	14006093
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/james rhee
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	17-OCT-2012
Filing Date:	08-MAY-2012
Time Stamp:	14:01:36
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		121017_0008CON_amendment.pdf	66500 e1587b53c8dba461fc07061cc29cfc456c2f21bd	yes	11

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	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	6
	Applicant Arguments/Remarks Made in an Amendment	7	11
Warnings:			
Information:			
	Total Files Size (in bytes):	66500	

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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.

Copied from 13466699 on 10/23/2012

PTO/SB/06 (07-06)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/466,699	Filing Date 05/08/2012	☒ 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

		(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	10/17/2012	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	Total (37 CFR 1.16(i))	* 16	Minus	** 20	= 0	X $ =		OR	X $62=	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $ =		OR	X $250=	0
	☐ 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	0

		(Column 1)		(Column 2)	(Column 3)					
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	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:
/NICHELE PETERSON/

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.

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON

CONFIRMATION NO. 9208

22429
LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314

PUBLICATION NOTICE

OC000000056271285

Title:METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

Publication No.US-2012-0220344-A1
Publication Date:08/30/2012

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 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

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UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/466,699	05/08/2012	Youngmin PARK	126587-0008CON	9208

22429 7590 07/18/2012
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EXAMINER	
SOROWAR, GOLAM	
ART UNIT	PAPER NUMBER
2618	

MAIL DATE	DELIVERY MODE
07/18/2012	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)	
	13/466,699	PARK ET AL.	
	Examiner	Art Unit	
	GOLAM SOROWAR	2618	

-- 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 *08 May 2012*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ 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

5)☒ Claim(s) *1-20* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-20* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☒ The drawing(s) filed on *08 May 2012* 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).

12)☐ 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

13)☐ 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 _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

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.

Claims 1-20 are 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.

Claim 1; line 1 recites, "…… providing a plurality of screens…". However, Fig. 3-5 show only single screen in mobile communication terminal. Therefore, it is unclear from the claim what is it mean by "…… providing a plurality of screens…".

Claim 9 recites the limitation "the same background image" in line 2. There is insufficient antecedent basis for this limitation in the claim. Further, it appears that Applicant did not describe this limitation in the specification. Therefore, it is unclear what is mean by "each of the screens displays the same background image", as recited in the claim.

Claims 11 and 18 are inherent variation of claim 1. Therefore, claims 11 and 18 are rejected for the reason set forth above.

Claim 9 is inherent variation of claim 1. Therefore, claim 16 is rejected for the reason set forth above.

Claim Rejections - 35 USC § 102

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.

Claims 1, 3-6, 10-13 and 17-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Ishigaki (US 20010029193), hereinafter referenced as Ishigaki.

Regarding claim 1, Ishigaki discloses, a method for providing a plurality of screens ***(see Fig. 4A-4G)*** in an idle state of a mobile terminal ***(see Para. 39)***, the method comprising:

"allocating at least one application program to each of the screens, based on a user selection ***(in a portable telephone capable of displaying a screen on a display section, a screen setting method characterized by that an arbitrary screen displayed on the display section can be set as a screen in an arbitrary display mode, Para. 5-8)***";

"displaying a first screen among the plurality of screens in the idle state ***(If the power key 12 is operated, the portable telephone having the non-voice information communication mode function according to the embodiment of the invention enters a standby mode and displays the five icons as shown in FIG. 3 on the display section 4, see Para. 34-36)***";

"receiving a screen switch request from a user (***If the user wants to change the current displayed and selected screen, for example, the above-mentioned "CALENDAR" to any other screen, the user selects the function "SCREEN SELECTION" on the same screen, Para. 36-39)***"; and

"turning the screens one by one based on the screen switch request so as

to display said at least one application program allocated to each of the screens ***(If the user selects "ILLUSTRATION" with the registration No. 2 like the top but two in FIG. 4E and selects it as a screen, then the registration No. 2 of "ILLUSTRATION" in the category can be displayed as the screen in the standby mode. On the other hand, when the user operates the navigation key 14 of the function key operation section 24 with "ILLUSTRATION" displayed, the "ILLUSTRATION" display state in FIG. 4F is changed to a screen of "ILLUSTRATION+CLOCK" in FIG. 4G and next changed to the "CALENDAR" screen in FIG. 4C, Fig. 4A-4G and Para. 38-40)***."

Regarding claim 3, Ishigaki discloses, "wherein the allocating is performed such that said at least one application of each screen may be allocated differently from those of another screen ***(see Fig. 4A-4G and Para. 39)***."

Regarding claim 4, Ishigaki discloses, "wherein the first screen is a default screen of an idle screen ***(see Fig. 3)***, and the remaining screens extend the idle screen ***(see Fig. 4A-4G)***."

Regarding claim 5, Ishigaki discloses, "wherein the screen switch request is inputted from a key button positioned on the mobile phone ***(see, navigation key 14 in the mobile device)***."

Regarding claim 6, Ishigaki discloses, "wherein the screen switch request is a leftward or rightward movement request ***(The user presses the left or right scroll key of the navigation key 14 to change to a registration screen, selects an illustration or an animation, Para. 43)***."

Regarding claim 10, Ishigaki discloses, "wherein the plurality of screens displays an operating condition of the mobile terminal in common, and the displayed condition comprises at least one of power utilization, radio wave reception strength and time ***(see Fig. 8A-8F)***."

Regarding claim 11, Ishigaki discloses, a mobile terminal for providing a plurality of screens ***(see Fig. 4A-4G)*** in an idle state of a mobile terminal ***(see Para. 39)***, the mobile terminal comprising:

"a user interface configured to receive user inputs ***(see Fig. 1)***";

"a display unit ***(see display unit 4 in Fig. 1)***";

"a control unit for allocating at least one application program to each of the screens, based on a user selection ***(in a portable telephone capable of displaying a screen on a display section, a screen setting method characterized by that an arbitrary screen displayed on the display section can be set as a screen in an arbitrary display mode, Para. 5-8)***, displaying a first screen among the plurality of screens in the idle state ***(If the power key 12 is operated, the portable telephone having the non-voice information communication mode function according to the embodiment of the invention enters a standby mode and displays the five icons as shown in FIG. 3 on the display section 4, see Para. 34-36)***, and turning the screens one by one based on a screen switch request received from the user interface (***If the user wants to change the current displayed and selected screen, for example, the above-mentioned "CALENDAR" to any other screen, the user selects the function "SCREEN SELECTION" on the same screen, Para. 36-39)*** so

as to display said at least one application program allocated to each of the screens ***(If the user selects "ILLUSTRATION" with the registration No. 2 like the top but two in FIG. 4E and selects it as a screen, then the registration No. 2 of "ILLUSTRATION" in the category can be displayed as the screen in the standby mode. On the other hand, when the user operates the navigation key 14 of the function key operation section 24 with "ILLUSTRATION" displayed, the "ILLUSTRATION" display state in FIG. 4F is changed to a screen of "ILLUSTRATION+CLOCK" in FIG. 4G and next changed to the "CALENDAR" screen in FIG. 4C, Fig. 4A-4G and Para. 38-40)***."

Regarding claim 12 , Ishigaki discloses, "wherein the first screen is a default screen of an idle screen ***(see Fig. 3)***, and the remaining screens extend the idle screen ***(see Fig. 4A-4G)***."

Regarding claim 13, Ishigaki discloses, "wherein the screen switch request is a leftward or rightward movement request ***(The user presses the left or right scroll key of the navigation key 14 to change to a registration screen, selects an illustration or an animation, Para. 43)***."

Regarding claim 17, Ishigaki discloses, "wherein the plurality of screens displays at least one icon for indicating an operating condition of the mobile terminal and said at least one icon stays even with the screen switch request, wherein the operating condition comprises at least one of power utilization, radio wave reception strength and time ***(see Fig. 8A-8F)***."

Regarding claim 18, Ishigaki discloses,

"allocating at least one application program to each of the screens, based on a user selection ***(in a portable telephone capable of displaying a screen on a display section, a screen setting method characterized by that an arbitrary screen displayed on the display section can be set as a screen in an arbitrary display mode, Para. 5-8)***";

"displaying a first screen among the plurality of screens in the idle state ***(If the power key 12 is operated, the portable telephone having the non-voice information communication mode function according to the embodiment of the invention enters a standby mode and displays the five icons as shown in FIG. 3 on the display section 4, see Para. 34-36)***";

"receiving a screen switch request from a user (***If the user wants to change the current displayed and selected screen, for example, the above-mentioned "CALENDAR" to any other screen, the user selects the function "SCREEN SELECTION" on the same screen, Para. 36-39)***"; and

"turning the screens one by one based on the screen switch request so as to display said at least one application program allocated to each of the screens ***(If the user selects "ILLUSTRATION" with the registration No. 2 like the top but two in FIG. 4E and selects it as a screen, then the registration No. 2 of "ILLUSTRATION" in the category can be displayed as the screen in the standby mode. On the other hand, when the user operates the navigation key 14 of the function key operation section 24 with "ILLUSTRATION" displayed, the "ILLUSTRATION" display state in***

FIG. 4F is changed to a screen of "ILLUSTRATION+CLOCK" in FIG. 4G and next changed to the "CALENDAR" screen in FIG. 4C, Fig. 4A-4G and Para. 38-40)."

Regarding claim 19, Ishigaki discloses, "wherein the screen switch request is a leftward or rightward movement request ***(The user presses the left or right scroll key of the navigation key 14 to change to a registration screen, selects an illustration or an animation, Para. 43)***."

Regarding claim 20, Ishigaki discloses, "wherein the plurality of screens displays an operating condition of the mobile terminal in common, and the displayed condition comprises at least one of power utilization, radio wave reception strength and time ***(see Fig. 8A-8F)***."

Claim Rejections - 35 USC § 103

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.

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ishigaki, further in view of Innanen et al. (US 20060290661), hereinafter referenced as Innan.

Regarding claim 2, Ishigaki discloses everything claimed as applied above (see claim 1), however Ishigaki fails to disclose, "wherein at least one of screens is a shortcut icon screen."

In a similar field of endeavor, Innan discloses, "wherein at least one of screens is

a shortcut icon screen ***(a user has a special wallpaper image and wants to see certain parts of it but still utilize the rest of the standby screen e.g. for showing calendar information or for shortcut icons, Para. 6-10)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Ishigaki by specifically providing wherein at least one of screens is a shortcut icon screen, as taught by Innan for the purpose of providing a convenient method to the user in the stand-by screen to navigate the icon.

Claims 7, 8, 14 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ishigaki, further in view of Tojo et al. (20040250217), hereinafter referenced as Tojo.

Regarding claim 7, Ishigaki discloses everything claimed as applied above (see claim 1), however Ishigaki fails to disclose, "the screen switch request indicates whether a next screen is displayed in an ascending or a descending order from a currently displayed screen."

In a similar field of endeavor, Tojo discloses, "the screen switch request indicates whether a next screen is displayed in an ascending or a descending order from a currently displayed screen ***(see Fig. 11-15)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Ishigaki by specifically providing the screen switch request indicates whether a next screen is displayed in an ascending or a descending order from a currently displayed screen, as taught by Tojo for the purpose of providing

method with which, in an electronic device such as a cellular phone, each function can be efficiently selected from a function menu displayed on an operation screen.

Regarding claim 8, Ishigaki discloses everything claimed as applied above (see claim 1), however Ishigaki fails to disclose, "wherein the screens are switched in response to the screen switch request so as to be displayed in a circular manner."

In a similar field of endeavor, Tojo discloses, "wherein the screens are switched in response to the screen switch request so as to be displayed in a circular manner ***(see Fig. 11-15)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Ishigaki by specifically providing wherein the screens are switched in response to the screen switch request so as to be displayed in a circular manner, as taught by Tojo for the purpose of providing method with which, in an electronic device such as a cellular phone, each function can be efficiently selected from a function menu displayed on an operation screen.

Regarding claim 14, Ishigaki discloses everything claimed as applied above (see claim 11), however Ishigaki fails to disclose, "the screen switch request indicates whether a next screen is displayed in an ascending or a descending order from a currently displayed screen."

In a similar field of endeavor, Tojo discloses, "the screen switch request indicates whether a next screen is displayed in an ascending or a descending order from a currently displayed screen ***(see Fig. 11-15)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of

invention was made to modify Ishigaki by specifically providing the screen switch request indicates whether a next screen is displayed in an ascending or a descending order from a currently displayed screen, as taught by Tojo for the purpose of providing method with which, in an electronic device such as a cellular phone, each function can be efficiently selected from a function menu displayed on an operation screen.

Regarding claim 15, Ishigaki discloses everything claimed as applied above (see claim 11), however Ishigaki fails to disclose, "wherein the control unit switches between the screens in a circular manner in response to the screen switch request."

In a similar field of endeavor, Tojo discloses, "wherein the control unit switches between the screens in a circular manner in response to the screen switch request ***(see Fig. 11-15)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Ishigaki by specifically providing wherein the control unit switches between the screens in a circular manner in response to the screen switch request, as taught by Tojo for the purpose of providing a system with which, in an electronic device such as a cellular phone, each function can be efficiently selected from a function menu displayed on an operation screen.

Claims 9 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ishigaki, further in view of Srinivasa (US 20040062440), hereinafter referenced as Srinivasa.

Regarding claim 9, Ishigaki discloses everything claimed as applied above (see claim 1), however Ishigaki fails to disclose, "wherein each of the screens displays the

same background image."

In a similar field of endeavor, Srinivasa discloses, "wherein each of the screens displays the same background image ***(The background does not change throughout the animation. That is, all the images provided in the animation sequence will have the same background image, Para. 42-47)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Ishigaki by specifically providing wherein each of the screens displays the same background image, as taught by Srinivasa for the purpose of providing a method that produces an improved screen in the mobile terminal device.

Regarding claim 16, Ishigaki discloses everything claimed as applied above (see claim 11), however Ishigaki fails to disclose, "wherein each of the screens displays the same background image."

In a similar field of endeavor, Srinivasa discloses, "wherein each of the screens displays the same background image ***(The background does not change throughout the animation. That is, all the images provided in the animation sequence will have the same background image, Para. 42-47)***."

Therefore, it would be obvious to one of ordinary skill in the art at the time of invention was made to modify Ishigaki by specifically providing wherein each of the screens displays the same background image, as taught by Srinivasa for the purpose of providing a method that produces an improved screen in the mobile terminal device.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GOLAM SOROWAR whose telephone number is (571)270-3761. The examiner can normally be reached on MON-FRI: 7:00 am-5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, EDWARD F. URBAN can be reached on (571) 272-7899. 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.

/GOLAM SOROWAR/
Examiner, Art Unit 2618

/LANA N. LE/
Primary Examiner, Art Unit 2614

Notice of References Cited	Application/Control No. 13/466,699	Applicant(s)/Patent Under Reexamination PARK ET AL.	
	Examiner GOLAM SOROWAR	Art Unit 2618	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2001/0029193 A1	10-2001	Ishigaki, Junji	455/566
*	B	US-2004/0062440 A1	04-2004	Srinivasa, Deepak M.	382/173
*	C	US-2004/0250217 A1	12-2004	Tojo et al.	715/810
*	D	US-2006/0290661 A1	12-2006	Innanen et al.	345/156
	E	US-			
	F	US-			
	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					
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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	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
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

SEARCHED			
Class	Subclass	Date	Examiner
455	566, 418, 412.1, 550.1,	7/8/2012	GS
345	212, 213, 156, 473	7/8/2012	GS
715	838, 744, 810, 817, 243	7/8/2012	GS

SEARCH NOTES		
Search Notes	Date	Examiner
EAST	7/8/2012	GS
PALM inventor search	7/8/2012	GS
Checked the parent case for double patentin rejection	7/8/2012	GS
IEEE	7/8/2012	GS
NPL	7/8/2012	GS
Google Patent	7/8/2012	GS
Google Scholar	7/8/2012	GS
PLUS search	7/8/2012	GS
	7/8/2012	GS

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

/GOLAM SOROWAR/ Examiner.Art Unit 2618	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	
	Filing Date	2012-05-08
	First Named Inventor	Youngmin PARK
	Art Unit	
	Examiner Name	
	Attorney Docket Number	126587-0008CON

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20060095916		2006-05-04	KYOCERA CORPORATION	

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	1	2001-245352	JP		2001-09-07	MATSUSHITA ELECTRONICS		☐
	2	10-2003-0083896	KR		2005-04-21	LG ELECTRONICS CORP.		☐

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	13466699 - GAU: 2618
	Filing Date	2012-05-08
	First Named Inventor	Youngmin PARK
	Art Unit	
	Examiner Name	
	Attorney Docket Number	126587-0008CON

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
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EXAMINER SIGNATURE

Examiner Signature	/Golam Sorowar/ (07/09/2012)	Date Considered	07/09/2012

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.S./ (07/09/2012)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	13466699 - GAU: 2618
	Filing Date	2012-05-08
	First Named Inventor	Youngmin PARK
	Art Unit	
	Examiner Name	
	Attorney Docket Number	126587-0008CON

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Yoon S. Ham/	Date (YYYY-MM-DD)	2012-05-08
Name/Print	Yoon S. Ham	Registration Number	45307

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 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: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

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1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/08 18:13
S1	1	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:02
S2	1	("8135441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:03
S3	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:04
S4	1	("7065664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:05
S5	1	("5832074").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:06
S6	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:07
S7	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:08
S8	1	("20080194242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:09
S9	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:12
S10	1	("20080004084").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/05 15:12
S11	31473	plura$4 near3 screen and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:14
S12	45	plura$4 near3 screen with (idle or stand$by or stand by) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/05 15:14
S13	39524	(displa$4) near3 next and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:14
S14	3515	(displa$4) near3 next near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO;	ADJ	ON	2012/07/06 13:14

			JPO; DERWENT			
S15	1	(displa$4) near3 next near3 screen with (ascen$4 or a descen$4) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S16	0	(displa$4) near3 next near3 screen with oder and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S17	133	(displa$4) near3 next near3 screen with order and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S18	29	("455"/$ or "345"/$).ccls. and (displa$4) near3 next near3 screen with order and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 13:15
S19	1	("20040250217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 16:13
S20	1536	plura$4 near3 screen with "same" and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:42
S21	4	plura$4 near3 screen with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:43
S22	1868	"same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:44
S23	54	plura$4 with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:44
S24	251	displa$4 with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:48
S26	59	displa$4 near3 (image or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 16:50
S27	6	(plur$4 or multip$4) near3 (image or screen) with "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:41
S28	43	displa$4 with (plur$4 or multip$4) near3 (image or screen) and "same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:53
S29	19055	displa$4 with (plur$4 or multip$4) near3 (image or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:58
S30	3217	"345"/$.ccls. and displa$4 with	US-PGPUB;	ADJ	ON	2012/07/06

		(plur$4 or multip$4) near3 (image or screen) and @py<"2008"	USPAT; EPO; JPO; DERWENT			18:58
S31	619	"345"/$.ccls. and displa$4 with (plur$4 or multip$4) near3 (image or screen) and (phone or pda or mobile) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 18:59
S32	5757	(circula$4 near3 (menu or icon or application)) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:04
S33	116	displa$4 near3 (circula$4 near3 (menu or icon or application)) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:04
S34	0	displa$4 near3 (circula$4 near3 (menu or icon or application)) with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S35	0	(circula$4 near3 (menu or icon or application)) with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S36	9	(circula$4 near3 (menu or icon or application)) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:05
S37	1659	"same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:10
S38	362	"same" background same different and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:11
S39	5	"same" background same different near3 fore$ground and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:11
S40	44	"same" background same different near3 image and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:16
S41	4	"same" background same different near3 screen and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:18
S42	1659	"same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S43	188	"345"/$.ccls. and "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19
S44	58	"345"/$.ccls. and displa$4 with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:19

S45	1	"455"/$.ccls. and displa$4 with "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:22
S46	1	"11911277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:23
S47	1	("8135441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:25
S48	1	("8078229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:26
S49	1	("7065664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:26
S50	1	("7761808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:27
S51	1	("7301532").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:28
S52	1	("20110307835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:28
S53	1	("20080194242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:29
S54	1	("20060150106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/06 19:31
S55	2016	455/566.ccls. and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S56	0	455/566.ccls. and "same"background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S57	6	455/566.ccls. and "same" background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:32
S58	165	455/566.ccls. and different near3 (screen or image) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:35
S59	12	455/566.ccls. and "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:48
S60	94	455/566.ccls. and navigat$4 with (screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 19:49
S61	11	(switc$4 or chang$4) near3 (image or icon or application or screen) with	US-PGPUB; USPAT; EPO;	ADJ	ON	2012/07/06 20:01

		"same" background and @py<"2008"	JPO; DERWENT			
S62	290675	(switc$4 or chang$4) near3 (image or icon or application or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:07
S63	50993	(switc$4 or chang$4) near3 (image or icon or application or screen) with display and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:08
S64	511	455/566.ccls. and (switc$4 or chang$4) near3 (image or icon or application or screen) and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/06 20:08
S65	0	(switc$4 or chang$4) near3 (image or icon or application or screen) with "same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:49
S66	0	455/566.ccls. and "same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:50
S67	23	455/566.ccls. and wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:50
S68	32	"same" wallpaper and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:52
S69	1868	"same" background and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:53
S70	171	"same" background with different and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:53
S71	0	"same" background with composit and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:58
S72	41	"same" background with composit$4 and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 08:58
S73	1	("20060095916").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:02
S74	9	(circula$4 near3 (menu or icon or application)) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:03
S75	409	(switc$4 or chang$4) near3 (menu or icon or application) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:05
S76	53	("455"/$ or "345"/$).ccls. and	US-PGPUB;	ADJ	ON	2012/07/07

		(switc$4 or chang$4) near3 (menu or icon or application) with background and @py<"2007"	USPAT; EPO; JPO; DERWENT			09:05
S77	0	(dual (picture or image) with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:15
S78	0	(dual near3 image with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S79	0	(dual near3 picture with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S80	0	(dual near3 screen with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S81	0	(multiple near3 screen with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S82	0	(multiple near3 icon with "same" background) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:16
S83	1204	(multiple near3 icon) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:17
S84	108985	(multiple or dual) near3 (icon or application or image or screen) and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:17
S85	803	(multiple or dual) near3 (icon or application or image or screen) with background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:18
S86	11	(multiple or dual) near3 (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:18
S87	306	(displa$4) with (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:21
S88	10	(displa$4) with (different or multiple) near3 (icon or application or image or screen) with "same" near3 background and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2012/07/07 09:22
S89	1	("7970206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:27
S90	1	("7024054").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/07/07 09:27
S91	233	"same" background near3 image and	US-PGPUB;	ADJ	ON	2012/07/07

		@py<"2008"	USPAT; EPO; JPO; DERWENT			09:28

7/8/2012 7:02:43 PM
C:\Users\gsorowar\Documents\EAST\Workspaces\13466699.wsp

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 9208

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
13/466,699	05/08/2012 RULE	455	2618	126587-0008CON

APPLICANTS

Youngmin PARK, Seongnam-si, KOREA, REPUBLIC OF;
Hoojong KIM, Seoul, KOREA, REPUBLIC OF;

**** CONTINUING DATA ***************************

This application is a CON of 11/911,277 10/11/2007
which is a 371 of PCT/KR2006/002302 06/15/2006

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ****

05/18/2012

Foreign Priority claimed	35 USC 119(a-d) conditions met	Verified and Acknowledged	Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
☐ Yes ☑ No	☐ Yes ☑ No	/GOLAM SOROWAR/ Examiner's Signature	☐ Initials	KOREA, REPUBLIC OF	5	20	3

ADDRESS

LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314
UNITED STATES

TITLE

METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

FILING FEE RECEIVED		
1250	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

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13466699	PARK ET AL.
	Examiner	Art Unit
	GOLAM SOROWAR	2618

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/08/2012								
	1	✓								
	2	✓								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
	7	✓								
	8	✓								
	9	✓								
	10	✓								
	11	✓								
	12	✓								
	13	✓								
	14	✓								
	15	✓								
	16	✓								
	17	✓								
	18	✓								
	19	✓								
	20	✓								

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
13/466,699	05/08/2012	2617	1250	126587-0008CON	20	3

CONFIRMATION NO. 9208

22429
LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314

FILING RECEIPT

OC000000054376243

Date Mailed: 05/23/2012

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Youngmin PARK, Seongnam-si, KOREA, REPUBLIC OF;
Hoojong KIM, Seoul, KOREA, REPUBLIC OF;

Assignment For Published Patent Application

SK TELECOM CO., LTD., Seoul, KOREA, REPUBLIC OF

Power of Attorney:

David Dougherty--19576
Allan Lowe--19641
Benjamin Hauptman--29310
Kenneth Berner--37093
Raymond Ho--41838
James Bindseil--42326
Randy Noranbrock--42940
Cameron Tousi--43197

Domestic Priority data as claimed by applicant

This application is a CON of 11/911,277 10/11/2007
which is a 371 of PCT/KR2006/002302 06/15/2006

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 05/18/2012
The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 13/466,699**
Projected Publication Date: 08/30/2012
Non-Publication Request: No
Early Publication Request: No

Title

METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL

Preliminary Class

455

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 13/466,699

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	380
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	620
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	250
TOTAL CLAIMS (37 CFR 1.16(i))	20 minus 20 =	*			OR	x 60 =	0.00
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*				x 250 =	0.00
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 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).						0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	1250

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	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	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)	OR	RATE($)	ADDITIONAL FEE($)
AMENDMENT B	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 found in the appropriate box in column 1.

REQUEST FORM FOR APPLICATION UNDER 37 CFR 1.53(b)

DOCKET NUMBER: **126587-0008CON**
Prior Application: **11/911,277**
Art Unit: **2618**
Examiner: **Golam Sorowar**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a Request for filing a **Continuation** application under 37 CFR 1.53(b) of pending prior U.S. Patent Application No. **11/911,277** filed on **October 11, 2007**, entitled **METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL**, by the following named inventor (s) **Youngmin PARK et al.**

1. ☒ I hereby state that the enclosed copy of this prior application is a true copy of the above-identified prior application.

2. Oath or Declaration
   a. ☐ Newly executed (original or copy)
   b. ☒ Copy from a prior application (37 CFR 1.63(d))
      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).

3. ☒ Incorporation By Reference (useable if Box 2b is checked)
   The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 2b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

4. ☐ Preliminary Amendment is enclosed.

5. ☒ An Information Disclosure Statement is submitted herewith.

6. ☐ Cancel claims ____

7a. The filing fee is calculated on the basis of the claims existing in the prior application as amended at 4 and 6 above:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Total Claims	20	MINUS 20	0	x $60 =	$0
Independent Claims	3	MINUS 3	0	x $250 =	$0
				Basic Application Fee	$380.00
				If multiple dependent claims are presented, add $360.00	
				Examination Fee	$250.00
				Search Fee	$620.00
				Total Application Fee	$1250.00
				Subtract 1/2 if small entity	
				TOTAL APPLICATION FEE DUE	$1250.00

☐ **CREDIT CARD AUTH. FORM** ☒ **VIA EFS-WEB** ☐ **CHARGED TO DEPOSIT ACCOUNT NO. 07-1337**

7b. [ ] Applicant is entitled to small entity status under 37 CFR 1.9 and 37 CFR 1.27.

8. [X] The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required, including any extension of time fees to maintain the pendency of the parent application Serial No. **11/911,277** or credit any overpayment to Deposit Account No. **07-1337**.

9. [X] The prior application is assigned of record to **SK TELELCOM CO., LTD.** of **Seoul, Republic of Korea.**

10. [X] The power of attorney in the prior application is to: Customer No. **22429.**

11. [X] Also enclosed:

5 page(s) of drawings (**Figs 1-5b**).

Address all future communications to: (May only be completed by applicant, or attorney or agent of record)
Kindly use the attorneys' address associated with the following Customer Number for future correspondence.

Customer No.: 22429
LOWE HAUPTMAN HAM & BERNER, LLP
1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314

Respectfully submitted,

LOWE HAUPTMAN HAM & BERNER, LLP

/Yoon S. HAM/
Yoon S. HAM
Registration No. 45,307

Date: May 8, 2012

USPTO Customer No. 22429
1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314
(703) 684-1111
(703) 518-5499 Facsimile
YSH/jr

PTO/SB/14 (08-05)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	126587-0008CON
	Application Number	
Title of Invention	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1 Remove

Applicant Authority ◉ Inventor ○ Legal Representative under 35 U.S.C. 117 ○ Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Youngmin		PARK	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Seongnam-si, Gyeonggi-do	Country Of Residence[i]	KR
Citizenship under 37 CFR 1.41(b)[i]	KR		

Mailing Address of Applicant:

Address 1	121-701, Jangmimaeulkolon Apt., Yatap-dong		
Address 2	Bundang-gu		
City	Seongnam-si, Gyeonggi-do	State/Province	
Postal Code	463-788	Country[i]	KR

Applicant 2 Remove

Applicant Authority ◉ Inventor ○ Legal Representative under 35 U.S.C. 117 ○ Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Hoojong		KIM	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Seoul	Country Of Residence[i]	KR
Citizenship under 37 CFR 1.41(b)[i]	KR		

Mailing Address of Applicant:

Address 1	7-108 Gaepo 1cha Wooseong APT.,		
Address 2	503 Daechi 1-dong, Gangnam-gu		
City	Seoul	State/Province	
Postal Code	135-281	Country[i]	KR

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

PTO/SB/14 (08-05)
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	126587-0008CON
	Application Number	
Title of Invention	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL	

Customer Number	22429		
Email Address	yshgroup@ipfirm.com	Add Email	Remove Email

Application Information:

Title of the Invention	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL		
Attorney Docket Number	126587-0008CON	Small Entity Status Claimed	☐
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	5	Suggested Figure for Publication (if any)	
Publication Information:			
☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)			
☐ Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.			

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

Please Select One:	◉ Customer Number	○ US Patent Practitioner	○ US Representative (37 CFR 11.9)
Customer Number	22429		

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	11911277	2007-10-11
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
11911277	a 371 of international	PCT/KR2006/002302	2006-06-15

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	126587-0008CON
	Application Number	
Title of Invention	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL	

Additional Domestic Priority Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove

Application Number	Country [i]	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			○ Yes ◉ No

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

Remove

Assignee 1

If the Assignee is an Organization check here. ☒

Organization Name	SK TELECOM CO., LTD.		
Mailing Address Information:			
Address 1	11, Euljiro 2-ga, Jung-gu		
Address 2			
City	Seoul	**State/Province**	
Country [i] KR		Postal Code	100-999
Phone Number		Fax Number	
Email Address			

Additional Assignee Data may be generated within this form by selecting the **Add** button. Add

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Yoon S. Ham/			Date (YYYY-MM-DD)	2012-05-08
First Name	Yoon S.	Last Name	Ham	Registration Number	45307

PTO/SB/14 (08-05)
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	126587-0008CON
	Application Number	
Title of Invention	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL	

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Method and Apparatus for Providing a Plurality of Screens in Idle State of Mobile Terminal

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation of U.S. patent application Ser. No. 11/911,277 filed on October 11, 2007, which is the National Phase application of International Application No. PCT/KR2006/002302, filed June 15, 2006, which designates the United States and was published in English. This application, in its entirety, is incorporated herein by reference the entire disclosure of which is incorporated herein by reference.

TECHNICAL FIELD

The present disclosure relates to an apparatus and a method for providing a spin-home function for a mobile communication terminal. More particularly, the present disclosure relates to an apparatus and a method for providing a spin-home function for a mobile communication terminal so that, when a user of the mobile communication terminal, which includes a key input module, a microprocessor, a program memory, a data storage module, and an LCD display module, designates an application, which is stored in the program memory, as a spin-home and runs a spin-home program, the application, which has been designated as the spin-home, is circulated and displayed on the LCD display module every time the user operates a specific key.

BACKGROUND OF THE INVENTION

As generally known in the art, mobile communication systems have evolved from 1.sup.st generation analog AMPS (Advanced Mobile Phone System) and 2.sup.nd generation cellular/PCS (Personal Communication Service) systems into 3.sup.rd generation IMT-2000 (International Mobile Telecommunication 2000), which has been recently standardized by ITU-R and commercialized in line with development in information/communication technologies. The IMT-2000 includes CDMA 2000 1X, 3X, EV-DO, and WCDMA (Wideband CDMA) and uses an IS-95SC network, which has evolved from conventional IS-95A and IS-95B networks, so that it can provide a wireless Internet service at a maximum data transmission rate of 144 Kbps, which is substantially faster than that of the IS-95A or IS-95B network (14.4 Kbps or 56 Kbps). Particularly, the IMT-2000 not only improves the quality of conventional voice communication service and WBS (Wireless Broadcasting Service), but also provides various multimedia services (e.g. AOD, VOD) at a faster speed.

Such evolution of mobile communication systems are followed by evolution of mobile communication terminals into multipurpose devices, which can provide various types of applications in addition to basic voice communication. Users can download various pieces of multimedia data, such as images, moving pictures, music, and games, and run the data by using mobile communication terminals. Mobile communication terminals incorporate various types of convenient functions (e.g. electronic organizer, photo editor, camera). In addition, mobile communication terminals can realize colorful graphic environment on the

idle screen, as a result of improved performance of LCD drivers.

The idle screen is a starting point for using various applications provided by mobile communication terminals. Furthermore, each user can decorate the idle screen with his favorite photo, image, or animation and express his own personality.

Particularly, a user of a conventional mobile communication terminal can download a photo, image, or animation from the service provider and decorate the idle screen with it by using a WAP script. Alternatively, the user may set up the idle screen by downloading a non-interactive application (phone theme) or an interactive application (e.g. "1 mm" or "MoA" service available from SK Telecom., Inc.) and installing it.

Korean Registered Patent No. 10-0486516 discloses a method for using a frequently-used application (e.g. schedule management, text message, address book) for the idle screen of a mobile communication terminal so that its user can directly run the application without complicated steps of operation. This method seeks to enhance the functionality of the mobile communication terminal, in addition to enabling the user to set up the idle screen as desired in an attempt to express his personality.

However, conventional methods for setting up the idle screen have the following problems.

First, once an application is used for the idle screen, it is impossible to present another application on the same idle screen.

Second, when another application is to be used for the idle screen, tree-structured menu items must be searched through a number of steps, which

renders it inconvenient to modify the idle screen.

Third, although basic applications (e.g. address book, text message) may be given shortcuts on the key input module for direct access, the limited number of key buttons on the terminal makes it impossible to assign shortcuts to all of the ever-increasing applications.

SUMMARY OF THE INVENTION

Accordingly, the present disclosure has been made to solve the above-mentioned problems occurring in the prior art, and an object of the present disclosure is to provide an apparatus and a method for providing a spin-home function for a mobile communication terminal so that, when a user of the mobile communication terminal, which includes a key input module, a microprocessor, a program memory, a data storage module, and an LCD display module, designates an application, which is stored in the program memory, as a spin-home and runs a spin-home program, the application, which has been designated as the spin-home, is circulated and displayed on the LCD display module every time the user operates a specific key.

In order to accomplish this object, there is provided a method for providing a spin-home function for a mobile communication terminal having a key input module, a microprocessor, a program memory, a data storage module, and an LCD display module so that applications are circulated and displayed on an idle screen, the method including the steps of (a) designating at least one application as a spin-home; (b) running a spin-home program stored in the program memory,

when a user operates a first key button for driving the spin-home program, and displaying a first application designated as the spin-home on the LCD display module; (c) circulating next application designated as the spin-home and displaying the application on the LCD display module every time the user operates a second key button for circulating the idle screen; and (d) setting an application currently displayed on the LCD display module as the idle screen when the user operates a confirmation key button.

In accordance with another aspect of the present disclosure, there is provided an apparatus for providing a spin-home function for a mobile communication terminal, the apparatus including a program memory for storing a spin-home program adapted to circulate and display at least one application designated as a spin-home when a user operates a key; a data storage module acting as a data buffer when the spin-home program is run by the mobile communication terminal, the data storage module temporarily storing data inputted by the user or storing character or image data received by the mobile communication terminal from an outside; a key input module for inputting characters and numbers, the key input module having a special key for causing a predetermined function of the mobile communication terminal to be run; an LCD display module for displaying operating conditions of the mobile communication terminal together with date and time, the operating conditions including power utilization condition and radio wave reception strength; and a microprocessor for running the spin-home program, when the user operates a key button for driving the spin-home program, and controlling the LCD display module so as to display a first application designated as the spin-home, the microprocessor controlling the

LCD display module so as to display next application in accordance with the spin-home program when the user operates a key button for circulating an idle screen.

BRIEF DESCRIPTION OF THE DRAWINGS

The above and other objects, features and advantages of the present disclosure will be more apparent from the following detailed description taken in conjunction with the accompanying drawings, in which:

FIG. 1 shows the construction of a mobile communication terminal according to a preferred embodiment of the present disclosure;

FIG. 2 is a flowchart showing a method for providing a spin-home for a mobile communication terminal according to a preferred embodiment of the present disclosure;

FIGs. 3a to 3d show the screen of a mobile communication terminal, which has a dedicated spin-home key button, when the terminal provides a spin-home function;

FIGs. 4a to 4f show the screen of a mobile communication terminal, which has conventional key buttons, when the terminal provides a spin-home function; and

FIGs. 5a and 5b show the screen of a mobile communication terminal when a screen setup program is run.

DETAILED DESCRIPTION OF THE INVENTION

Hereinafter, a preferred embodiment of the present disclosure will be described with reference to the accompanying drawings. In the following description and drawings, the same reference numerals are used to designate the same or similar components, and so repetition of the description on the same or similar components will be omitted.

FIG. 1 shows the construction of a mobile communication terminal according to a preferred embodiment of the present disclosure.

A mobile communication terminal 100 according to a preferred embodiment of the present disclosure includes a program memory 102; a key input module 104; an LCD display module 106; a data storage module 108; a mode state storage module 110; a subscriber identity module 112; a microprocessor 114; a digital signal processor 116; a baseband converter 118; a speaker 120; a microphone 122; an RF (radio frequency) signal processor 124; and an antenna 126.

The key input module 104 according to a preferred embodiment of the present disclosure has numeric keys for inputting numbers (e.g. telephone numbers), character keys for inputting characters, function keys for performing specific functions, and direction keys. When the user presses a key button, the key input module 104 generates key data, which corresponds to the pressed key button, and transmits the data to the microprocessor 114. Particularly, the key input module 104 may separately have a dedicated spin-home key button for providing a spin-home function.

The program memory 102 according to a preferred embodiment of the present disclosure stores protocol software for processing messages

transmitted/received to/from a mobile communication network, an operating system, a control program for controlling the overall operation of the mobile communication terminal, and applications. Particularly, the program memory 102 stores a spin-home program for circulating at least one application, which has been designated as a spin-home, and displaying it on the LCD display module 106 when the user operates the dedicated spin-home key button, which is separately installed on the key input module 102, or one of existing key buttons.

Preferably, the program memory 102 additionally stores a screen setup program for displaying application items, which have been designated as the spin-home, on the LCD display module when the user operates a specific key button while the mobile communication terminal is in an idle mode. When the user selects one or more of the items, the spin-home setup of the selected application is toggled on/off in accordance with the user's selection.

The program memory 102 may store a program for managing the contact addresses of persons, with whom the user of the mobile communication terminal 100 makes frequent contact, and displaying the list of a predetermined number of contact addresses in the order of frequent contact on the LCD display module 106 when the user operates a specific key. In addition, the program memory 102 may store a program for extracting contact addresses, to which shortcuts have been assigned, and displaying the list of contact addresses on the LCD display module 106 when the user operates a specific key.

The program memory 102 may also contain a program for creating a list of recently used applications and displaying it on the LCD display module 106.

In addition, the program memory 102 preferably stores a shortcut

program for implementing a function similar to that of shortcut icons on the base screen of conventional computers. Particularly, when the user assigns a shortcut to at least one application, an icon is designated for the application. When the user operates a key for selecting a shortcut icon screen in an idle mode, the LCD display module 106 displays the shortcut on the screen. When the user selects a specific icon on the shortcut icon screen, a corresponding application is driven. Although the program automatically designates an icon for the application in this case, the user may select a desired icon.

The program memory 120 for storing various programs may be an EEPROM (electrically erasable and programmable read only memory), for example, which can not only read, but also electrically erase recorded data and rerecord data. Each program may be implemented by using a C programming language, objected-oriented C++, or JAVA, depending on the operating system supported by the mobile communication terminal.

Any of the above-mentioned list of frequently used contact addresses, list of contact addresses having shortcuts assigned thereto, list of recently used application, and shortcut icon screen may be designated as the spin-home, which is displayed on the LCD display module 106 one by one every time the user operates a key button for circulating the idle screen.

The data storage module 108 according to a preferred embodiment of the present disclosure usually acts as a data buffer when the mobile communication terminal 100 runs a program. The data storage module 108 temporarily stores data inputted by the key input module 102. In addition, the data storage module 108 stores other pieces of data, including characters and images received by the

mobile communication terminal 100 from the outside. The data storage module 108 may be a RAM (random access memory), for example.

The LCD display module 106 according to a preferred embodiment of the present disclosure displays the operating conditions of the mobile communication terminal 100, including power utilization and radio wave reception strength, together with date and time. When the user operates a key button for circulating the idle screen, the LCD display module 106 replaces the application, which has been designated as the spin-home, with a new one and displays it.

The microprocessor 114 according to a preferred embodiment of the present disclosure controls the overall operation of the mobile communication terminal 100 in accordance with a state flag stored in the mode state storage module 110. Particularly, when the user operates a key button for running a spin-home program and generates a corresponding signal, the microprocessor 114 reads the signal and outputs a spin-home program, which is stored in the program memory 102, to the data storage module 108. Then, the program is run. The microprocessor 114 loads a first application, which has been designated as a spin-home, onto the data storage module in accordance with the program and controls the LCD display module so as to display the application. When the user operates a key button for circulating the idle screen, the microprocessor loads the next application, which has been designated as the spin-home, onto the data storage module in accordance with the spin-home program, which is currently run. Then, the microprocessor controls the LCD display module so as to replace the first application with the next application and display it.

The key button for running the spin-home program or circulating the idle

screen may be a dedicated spin-home key button separately installed on the key input module 102 of the mobile communication terminal 100, as mentioned above. Alternatively, existing key buttons may be used to implement the function of the dedicated spin-home key button. For example, when a downward movement button is operated while the mobile communication terminal 100 is in an idle mode, the spin-home program is driven. When a leftward or rightward movement button is operated in this condition, the LCD display module 106 circulates and displays each application, which has been designated as the spin-home, as will be described later in more detail.

The mode state storage module 110 stores the current operating mode of the mobile communication terminal 100 as a state flag (0, 1, 2 . . .) in accordance with the selection made via the key input module 102. The subscriber identity module 112 stores subscriber registration information (e.g. proper number, personal security key), which is allocated to each subscriber's terminal.

The digital signal processor (hereinafter, referred to as DSP) 116 acts as an equalizer for coding or decoding audio signals and removing multi-path noise, in addition to processing audio data. The DSP 116 transmits/receives audio data SPEECH to/from the baseband converter 118. In addition, the DSP 116 receives digital data RX DATA from the baseband converter 118.

The baseband converter 118 converts signals, which are transmitted/received among the RF signal processor 124, the DSP 116, the speaker 120, and the microphone 122, into baseband signals through DAC (digital to analog conversion) and ADC (analog to digital conversion). The baseband converter 118 sends transmission data TXIQ to the RF signal processor 124 and

controls the power POWER of the RF signal processor 124 or automatically controls its gain AGC. In addition, the baseband signal processor 124 gets reception signal RXIQ from the RF signal processor 124.

The RF signal processor 124 demodulates and amplifies RF signals received from the antenna 126. In addition, the RF signal processor 124 modulates transmission signals from the baseband converter 118 and emits them into propagation space. The speaker 120 outputs audible sound based on the audio data from the baseband converter 118 and converts the user's voice input into electric signals.

The antenna 126 receives signals from the RF signal processor 124 and transmits them to the outside, and vice versa.

FIG. 2 is a flowchart showing a method for providing a spin-home for a mobile communication terminal according to a preferred embodiment of the present disclosure.

The user of the mobile communication terminal 100 designates at least one application as a spin-home (S200). Particularly, the user selects a spin-home addition/deletion item from menu items of each application and generates a corresponding signal. Then, the microprocessor 114 reads the signal and adds/deletes spin-home number data to/from the selected application. When a spin-home program is run at a later time, each application is circulated and displayed in the order of its number. The user may drive a screen setup program and conveniently modify the spin-home on/off setup of the application, which has been designated as the spin-home. Particularly, when a specific key button (e.g. upward movement key button) is operated while the mobile communication

terminal 100 is in an idle mode and a corresponding signal is generated, the microprocessor 114 reads the signal and outputs a screen setup program to the data storage module 108, which is then run. In addition, the microprocessor 114 displays application items, which have been designated as the spin-home, on the LCD display module 106. Then, the user selects at least one of the displayed items and generates a corresponding signal. The microprocessor 114 reads the signal and toggles on/off the spin-home setup of the selected application. If the spin-home setup of an application is toggled off, it is not displayed on the LCD display module 106 even when the spin-home program is run.

Applications designated as the spin-home include schedule management, address book, list of recently used applications, game, text message, and shortcut icon screen, as well as image or moving picture in a broader sense. In the case of address book, the contact address of a specific person, which has been selected by the user, may be designated as the spin-home. It is also possible to designate the contact addresses of persons, which have shortcuts assigned thereto, or a number of frequently used contact addresses, which have been automatically selected by the microprocessor, as the spin-home.

The microprocessor 114 monitors if the key button for driving the spin-home program is operated (S210). When the key button is operated, the microprocessor 114 drives the spin-home program and displays the first application (i.e. application having the smallest spin-home number) of the applications, which have been designated as the spin-home, on the LCD display module 106 (S220).

When the user operates the key button for circulating the idle screen and

generates a corresponding signal, the microprocessor 114 reads the signal (S230). Then, the microprocessor 114 replaces the first application with the next application, which has been designated as the spin-home, and displays it on the LCD display module 106 (S240).

When the user operates the confirmation key button OK, the microprocessor 114 sets up the idle screen by using the application, which is currently displayed on the LCD display module 106 (S250, S260). Otherwise, the microprocessor 114 returns to step S230.

FIGs. 3a to 3d show the screen of a mobile communication terminal, which has a dedicated spin-home key button, when the terminal provides a spin-home function.

FIG. 3a shows the screen in an idle mode before the spin-home program is run. When the dedicated spin-home key button is operated, the spin-home program is run. At the same time, the screen is switched to a shortcut icon screen, which has a spin-home number of 1, as shown in FIG. 3b. Every time the dedicated spin-home button is operated, the schedule management (FIG. 3c), which has a spin-home number of 2, and the list of contact addresses of friends (FIG. 3d), which has a spin-home number of 3, are circulated and displayed.

FIGs. 4a to 4f show the screen of a mobile communication terminal, which has conventional key buttons, when the terminal provides a spin-home function.

FIG. 4a shows the screen in an idle mode before the spin-home program is run. When the confirmation key button is operated in the idle mode, the terminal accesses a wireless Internet service (e.g. Nate.RTM.). When the downward movement key button is operated in the idle mode, the spin-home

program is run and switches the screen to a spin-home screen, as shown in FIG. 4b. Every time the leftward movement key button is operated, applications having a spin-home number of 2 and 1, respectively, are circulated and displayed (FIGs. 4c and 4d). Similarly, every time the rightward movement key button is operated, applications having a spin-home number of 4 and 5, respectively, are circulated and displayed (FIGs. 4e and 4f).

Although the leftward or rightward movement key button is operated to circulate and display the applications, which have been designated as the spin-home, in FIGs. 4a to 4f, the role of each key button is not limited to that in the present disclosure. For example, the downward movement key button may be operated to run the spin-home program and display the application, which has the smallest spin-home number. In addition, the left or rightward movement key button may be operated to circulate and display the applications in the ascending or descending order of spin-home number.

FIGs. 5a and 5b show the screen of a mobile communication terminal when a screen setup program is run.

When a specific key button (e.g. upward movement key button) is operated in an idle mode (FIG. 5a), the screen setup program is run and displays application items, which have been designated as the spin-home, as shown in FIG. 5b. By selecting desired items, the spin-home setup of selected applications is toggled on/off in a convenient manner.

Although a preferred embodiment of the present disclosure has been described for illustrative purposes, those skilled in the art will appreciate that various modifications, additions and substitutions are possible, without departing

from the scope and idea of the disclosure as disclosed in the accompanying claims.

INDUSTRIAL APPLICABILITY

As mentioned above, the present disclosure is advantageous in that, even when an application is currently used for the idle screen, it can be easily replaced with another application by single key input. The idle screen setup can also be easily modified.

In addition, various applications (e.g. image, animation, address book, schedule management) can be conveniently circulated and displayed on the idle screen without using shortcuts to run the applications.

Claims

1. A method for providing a plurality of screens in an idle state of a mobile terminal, the method comprising;

allocating at least one application program to each of the screens, based on a user selection;

displaying a first screen among the plurality of screens in the idle state;

receiving a screen switch request from a user; and

turning the screens one by one based on the screen switch request so as to display said at least one application program allocated to each of the screens.

2. The method as claimed in claim 1, wherein at least one of the screens is a shortcut icon screen.

3. The method as claimed in claim 1, wherein the allocating is performed such that said at least one application of each screen may be allocated differently from those of another screen.

4. The method as claimed in claim 1, wherein the first screen is a default screen of an idle screen, and the remaining screens extend the idle screen.

5. The method as claimed in claim 1, wherein the screen switch request is inputted from a key button positioned on the mobile phone.

6. The method as claimed in claim 1, wherein the screen switch request is a leftward or rightward movement request.

7. The method as claimed in claim 1, wherein the screen switch request indicates whether a next screen is displayed in an ascending or a descending order from a currently displayed screen.

8. The method as claimed in claim 1, wherein the screens are switched in response to the screen switch request so as to be displayed in a circular manner.

9. The method as claimed in claim 1, wherein each of the screens displays the same background image.

10. The method as claimed in claim 1, wherein the plurality of screens displays an operating condition of the mobile terminal in common, and the displayed condition comprises at least one of power utilization, radio wave reception strength and time.

11. A mobile terminal for providing a plurality of screens in an idle state of a mobile terminal, the mobile terminal comprising:

a user interface configured to receive user inputs;

a display unit; and

a control unit for allocating at least one application program to each of the screens based on a user selection through the user interface, displaying a first

screen among the plurality of screens in the idle state on the display unit, and turning the screens one by one based on a screen switch request received from the user interface so as to display said at least one application program allocated to each of the screens.

12. The mobile terminal as claimed in claim 11, wherein the first screen is a default screen of an idle screen, and the remaining screens extend the idle screen.

13. The mobile terminal as claimed in claim 11, wherein the screen switch request is a leftward or rightward movement request.

14. The mobile terminal as claimed in claim 11, wherein the screen switch request indicates whether a next screen is displayed in an ascending or a descending order from a currently displayed screen.

15. The mobile terminal as claimed in claim 11, wherein the control unit switches between the screens in a circular manner in response to the screen switch request.

16. The mobile terminal as claimed in claim 11, wherein each of the screens displays the same background image.

17. The mobile terminal as claimed in claim 11, wherein the display unit

displays at least one icon for indicating an operating condition of the mobile terminal and said at least one icon stays even with the screen switch request, wherein the operating condition comprises at least one of power utilization, radio wave reception strength and time.

18. A non-transitory computer-readable recording medium for storing a program for providing a plurality of screens in an idle state of a mobile terminal, wherein the program instructs the mobile terminal to perform the following steps:

allocating at least one application program to each of the screens, based on a user selection;

displaying a first screen among the plurality of screens in the idle state;

receiving a screen switch request from a user; and

turning the screens one by one based on the screen switch request so as to display said at least one application program allocated to each of the screens.

19. The non-transitory computer-readable recording medium as claimed in claim 18, wherein the screen switch request is a leftward or rightward movement request.

20. The non-transitory computer-readable recording medium as claimed in claim 18, wherein the plurality of screens displays an operating condition of the mobile terminal in common, and the displayed condition comprises at least one of power utilization, radio wave reception strength and time.

Abstract

The present disclosure is a method for providing a plurality of screens in an idle state of a mobile terminal, comprising; allocating at least one application program to each of the screens, based on a user selection; displaying a first screen among the plurality of screens in the idle state; receiving a screen switch request from a user; and turning the screens one by one based on the screen switch request so as to display the at least one application program allocated to each of the screens.

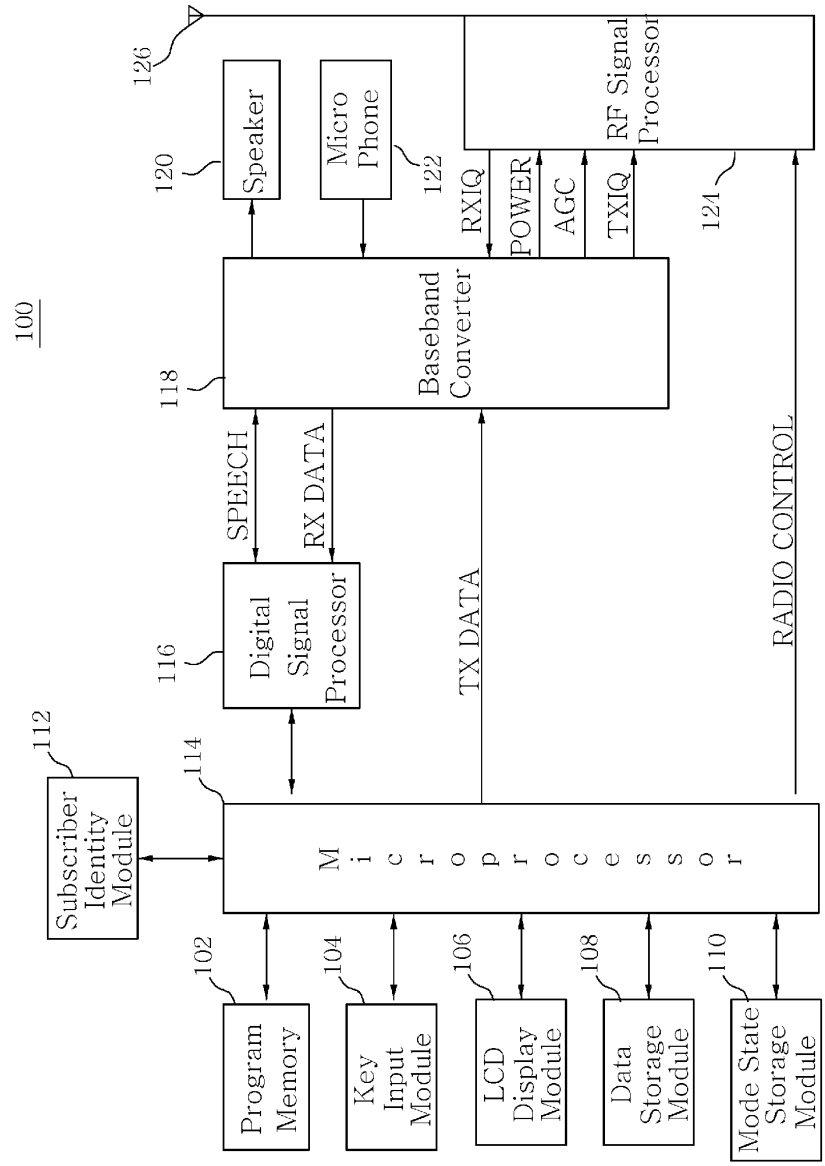

100
126
120
Speaker
Micro Phone
122
RF Signal Processor
RXIQ
POWER
AGC
TXIQ
124
118
Baseband Converter
SPEECH
RX DATA
116
Digital Signal Processor
TX DATA
RADIO CONTROL
112
Subscriber Identity Module
114
Microprocessor
102
Program Memory
104
Key Input Module
106
LCD Display Module
108
Data Storage Module
110
Mode State Storage Module

FIG. 1

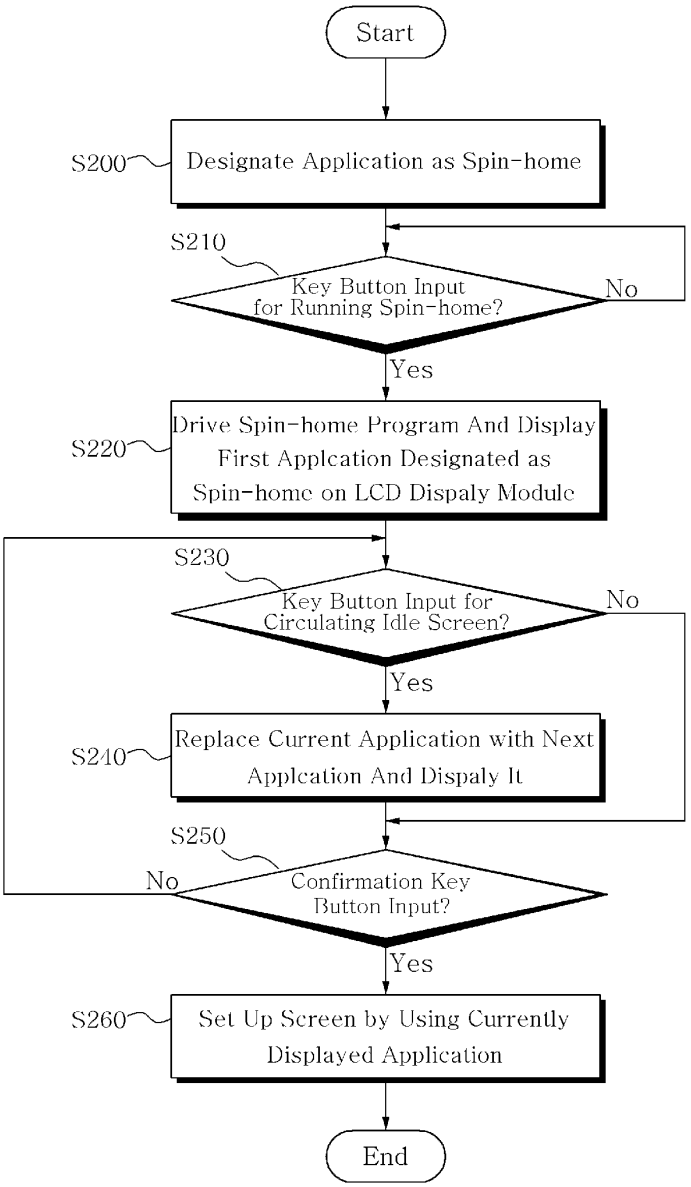

Start
S200
Designate Application as Spin-home
S210
Key Button Input for Running Spin-home?
No
Yes
S220
Drive Spin-home Program And Display First Applcation Designated as Spin-home on LCD Dispaly Module
S230
Key Button Input for Circulating Idle Screen?
No
Yes
S240
Replace Current Application with Next Applcation And Dispaly It
S250
Confirmation Key Button Input?
No
Yes
S260
Set Up Screen by Using Currently Displayed Application
End

FIG. 2

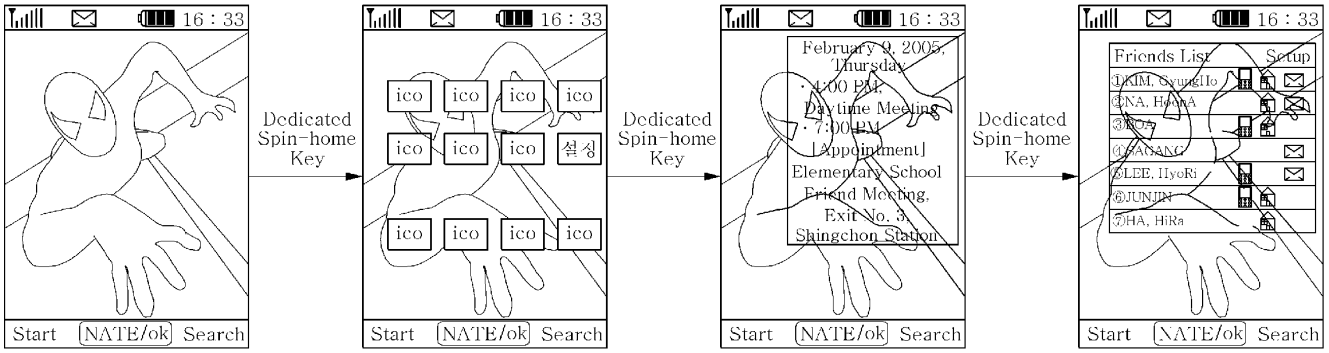

16 : 33
Start
NATE/ok
Search
Dedicated Spin-home Key
ico
February 9, 2005, Thursday
· 4:00 PM
Daytime Meeting
· 7:00 PM
[Appointment]
Elementary School Friend Meeting,
Exit No. 3,
Shingchon Station
Friends List
Setup
3 a
3 b
3 c
3 d

FIG. 3

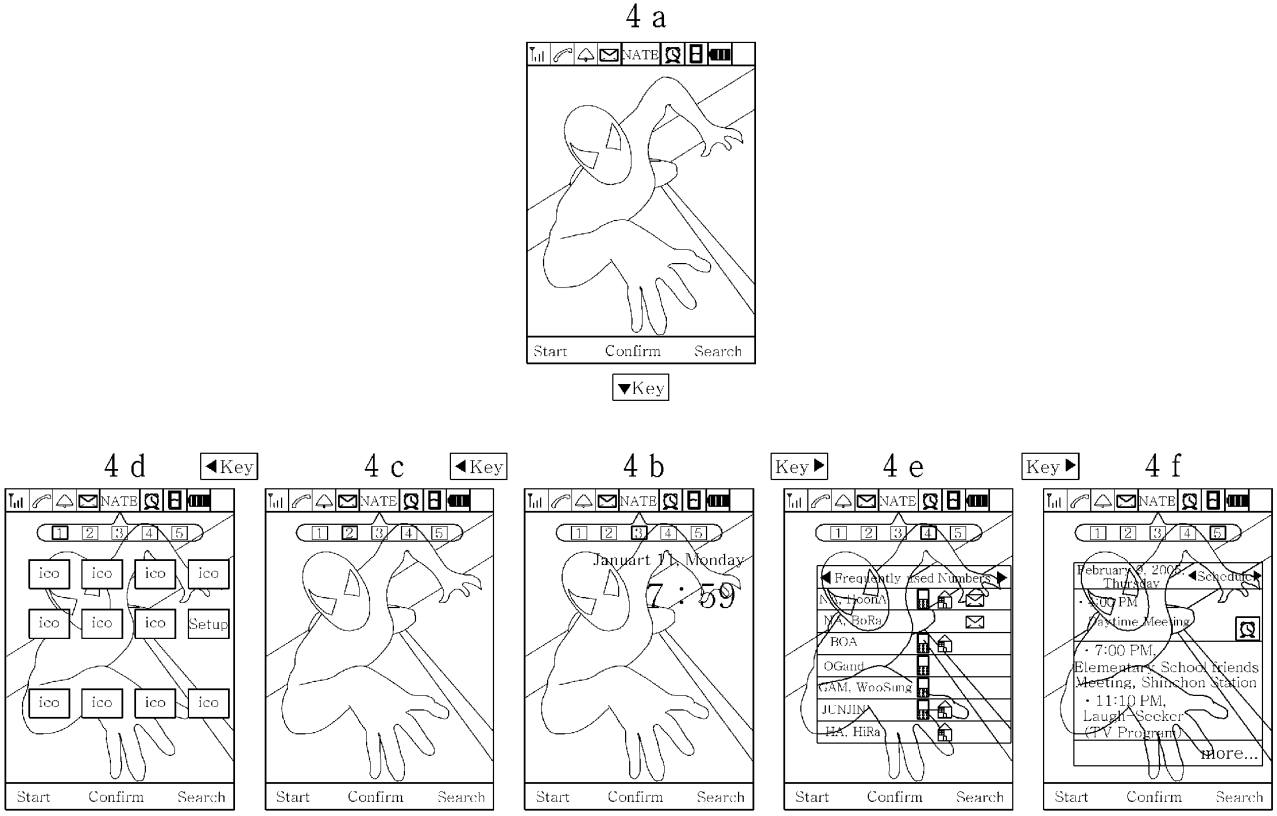
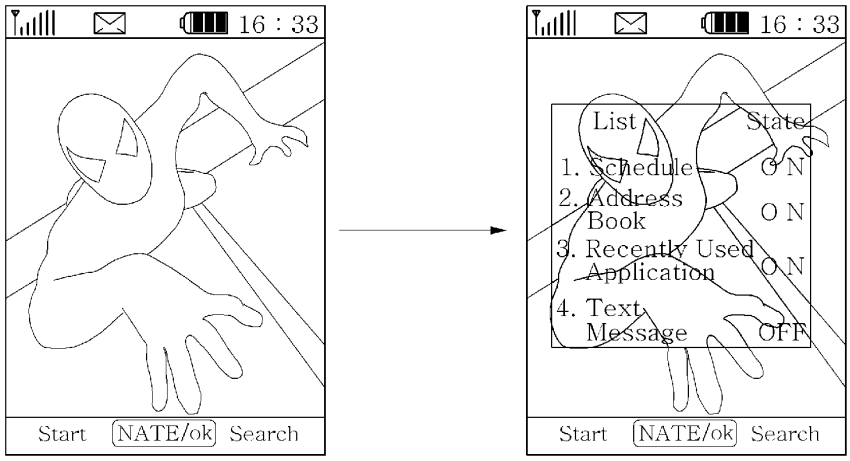

4 a
NATE
Start
Confirm
Search
▼Key
4 d
◀Key
ico
Setup
4 c
4 b
January 11, Monday
7 : 59
4 e
Key ▶
Frequently Used Numbers
BOA
OGang
GAM, WooSung
JUNJIN
HA, HiRa
4 f
February 3, 2005
Thursday
Schedule
more...

FIG. 4


16 : 33
Start
NATE/ok
Search
16 : 33
List
State
1. Schedule
ON
2. Address Book
ON
3. Recently Used Application
ON
4. Text Message
OFF
Start
NATE/ok
Search

5 a

5 b

FIG. 5

DOCKET NO.

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention (Design, if applicable) entitled: METHOD AND APPARATUS FOR PROVIDING SPIN-HOME FUNCTION FOR MOBILE COMMUNICATION TERMINAL

the specification of which (check one):

- ☐ is attached hereto.
- ☐ was filed on _____ as U.S. Patent Application No. _____.
- ☑ was filed on 15 JUNE 2006 as International Application (PCT) No. PCT/KR2006/002302, and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose material information as defined in *Title 37, Code of Federal Regulations, § 1.56*. I hereby claim foreign priority benefits under *Title 35, United States Code § 119* of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which the priority is claimed.

PRIOR FOREIGN APPLICATION(S)

NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED
			☐ Yes ☐ No
			☐ Yes ☐ No

I hereby claim the benefit under *Title 35, United States Code, § 120* of any United States application(s) or PCT international application(s) designating The United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of *Title 35, United States Code, § 112*, I acknowledge the duty to disclose material information as defined in *Title 37, Code of Federal Regulations, § 1.56* which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (Patented, Pending or Abandoned)
PCT/KR2006/002302	15 JUNE 2006	PENDING

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under *Section 1001 of Title 18 of the United States Code*, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I (We) hereby appoint as my (our) attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Allan M. Lowe, Registration Number 19,641; Benjamin J. Hauptman, Registration Number 29,310; Kenneth M. Berner, Registration Number 37,093; James J. Bindseil, Registration Number 42,326; Randy A. Noranbrock, Registration Number 42,940; David E. Dougherty, Registration Number 19,576 Raymond J. Ho, Registration No. 41,838; and Cameron H. Tousi, Registration No. 43,197.

Send correspondence to:
LOWE HAUPTMAN & BERNER, LLP
CUSTOMER NO. 22429
1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314

TELEPHONE CALLS TO:
Yoon S. Ham
(703) 535-7340

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from _____ to any actions to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys will be so notified by the undersigned.

☐ *See following page(s) for additional joint inventors.*

(1) Full name of sole or first inventor: PARK, Youngmin
Inventor's signature: Park, Youngmin Date: September 10, 2007
Residence : Gyeonggi-do, Republic of Korea
Citizenship: Republic of Korea

DOCKET NO.

Post Office Address: 121-701, Jangmimaeulkolon Apt., Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, 463-788, Republic of Korea

(3) Full name of sole or first inventor: **KIM, Hoojong**	
Inventor's signature: Kim, Hoojong	Date: September 10, 2007
Residence : Seoul, Republic of Korea	
Citizenship: Republic of Korea	
Post Office Address: 7-108, Gaepo 1cha Woosung Apt., 503 Daechi 1-dong, Gangnam-gu, Seoul, 135-281, Republic of Korea	

REQUEST FORM FOR APPLICATION UNDER 37 CFR 1.53(b)

DOCKET NUMBER: **126587-0008CON**
Prior Application: **11/911,277**
Art Unit: **2618**
Examiner: **Golam Sorowar**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a Request for filing a **Continuation** application under 37 CFR 1.53(b) of pending prior U.S. Patent Application No. **11/911,277** filed on **October 11, 2007**, entitled **METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL**, by the following named inventor (s) **Youngmin PARK et al.**

1. ☒ I hereby state that the enclosed copy of this prior application is a true copy of the above-identified prior application.

2. Oath or Declaration
   a. ☐ Newly executed (original or copy)
   b. ☒ Copy from a prior application (37 CFR 1.63(d))
      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).

3. ☒ Incorporation By Reference (useable if Box 2b is checked)
   The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 2b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

4. ☐ Preliminary Amendment is enclosed.

5. ☒ An Information Disclosure Statement is submitted herewith.

6. ☐ Cancel claims ____

7a. The filing fee is calculated on the basis of the claims existing in the prior application as amended at 4 and 6 above:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Total Claims	20	MINUS 20	0	x $60 =	$0
Independent Claims	3	MINUS 3	0	x $250 =	$0
				Basic Application Fee	$380.00
				If multiple dependent claims are presented, add $360.00	
				Examination Fee	$250.00
				Search Fee	$620.00
				Total Application Fee	$1250.00
				Subtract 1/2 if small entity	
				TOTAL APPLICATION FEE DUE	$1250.00

☐ **CREDIT CARD AUTH. FORM** ☒ **VIA EFS-WEB** ☐ **CHARGED TO DEPOSIT ACCOUNT NO. 07-1337**

7b. [ ] Applicant is entitled to small entity status under 37 CFR 1.9 and 37 CFR 1.27.

8. [X] The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required, including any extension of time fees to maintain the pendency of the parent application Serial No. **11/911,277** or credit any overpayment to Deposit Account No. **07-1337**.

9. [X] The prior application is assigned of record to **SK TELELCOM CO., LTD.** of **Seoul, Republic of Korea.**

10. [X] The power of attorney in the prior application is to: Customer No. **22429.**

11. [X] Also enclosed:

5 page(s) of drawings (**Figs 1-5b**).

Address all future communications to: (May only be completed by applicant, or attorney or agent of record)
Kindly use the attorneys' address associated with the following Customer Number for future correspondence.

Customer No.: 22429
LOWE HAUPTMAN HAM & BERNER, LLP
1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314

Respectfully submitted,

LOWE HAUPTMAN HAM & BERNER, LLP

/Yoon S. HAM/
Yoon S. HAM
Registration No. 45,307

Date: May 8, 2012

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YSH/jr

PTO/SB/08a (01-10)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	
	Filing Date	2012-05-08
	First Named Inventor	Youngmin PARK
	Art Unit	
	Examiner Name	
	Attorney Docket Number	126587-0008CON

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	1	2001-245352	JP		2001-09-07	MATSUSHITA ELECTRONICS		☐
	2	10-2003-0083896	KR		2005-04-21	LG ELECTRONICS CORP.		☐
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	
	Filing Date	2012-05-08
	First Named Inventor	Youngmin PARK
	Art Unit	
	Examiner Name	
	Attorney Docket Number	126587-0008CON

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		☐

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EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	
	Filing Date	2012-05-08
	First Named Inventor	Youngmin PARK
	Art Unit	
	Examiner Name	
	Attorney Docket Number	126587-0008CON

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Yoon S. Ham/	Date (YYYY-MM-DD)	2012-05-08
Name/Print	Yoon S. Ham	Registration Number	45307

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 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: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

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1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Filer:	Yoon Ham/james rhee
Attorney Docket Number:	126587-0008CON

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility application filing	1011	1	380	380
Utility Search Fee	1111	1	620	620
Utility Examination Fee	1311	1	250	250
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**1250**

Electronic Acknowledgement Receipt	
EFS ID:	12730938
Application Number:	13466699
International Application Number:	
Confirmation Number:	9208
Title of Invention:	METHOD AND APPARATUS FOR PROVIDING A PLURALITY OF SCREENS IN IDLE STATE OF MOBILE TERMINAL
First Named Inventor/Applicant Name:	Youngmin PARK
Customer Number:	22429
Filer:	Yoon Ham/james rhee
Filer Authorized By:	Yoon Ham
Attorney Docket Number:	126587-0008CON
Receipt Date:	08-MAY-2012
Filing Date:	
Time Stamp:	16:37:05
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$1250
RAM confirmation Number	3748
Deposit Account	071337
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The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees) Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

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Warnings:					
Information:					
2	Application Data Sheet	120508_0008CON_ADS.pdf	790622 381392e14f63d7a983855a39d1c876759211f3df	no	5
Warnings:					
Information:					
3		120508_0008CON_SPECIFICATION.pdf	95614 78ffc04af81e4f8d652f3fb51a93ea23e7a14c6c	yes	21

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Document Description	Start	End
Specification	1	16
Claims	17	20
Abstract	21	21

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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.