

Provisional Application for Patent Cover Sheet

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c)

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All Inventors Must Be Listed – Additional Inventor Information blocks may be generated within this form by selecting the **Add** button.

Add

Title of Invention

ACTIONABLE CHAT MESSAGING SYSTEM

Attorney Docket Number (if applicable)

31421.0003

Correspondence Address

Direct all correspondence to (select one):

☒ The address corresponding to Customer Number

☐ Firm or Individual Name

Customer Number

28221

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No.

☐ Yes, the invention was made by an agency of the United States Government. The U.S. Government agency name is:

☐ Yes, the invention was under a contract with an agency of the United States Government. The name of the U.S. Government agency and Government contract number are:

Entity Status

Applicant asserts small entity status under 37 CFR 1.27 or applicant certifies micro entity status under 37 CFR 1.29

- ☒ Applicant asserts small entity status under 37 CFR 1.27
- ☐ Applicant certifies micro entity status under 37 CFR 1.29. Applicant must attach form PTO/SB/15A or B or equivalent.
- ☐ No

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Signature

Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Cicero H. Brabham, Jr./			Date (YYYY-MM-DD)	2015-11-10
First Name	Cicero H.	Last Name	Brabham, Jr.	Registration Number (If appropriate)	66809

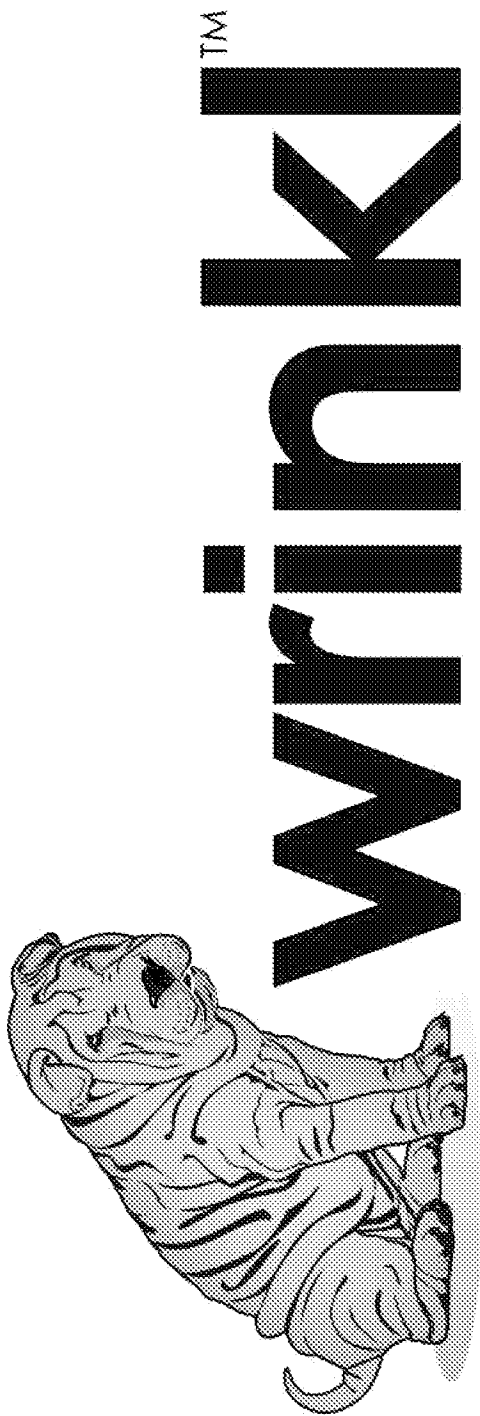
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Actionable Chat Messaging System

Inventors:

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Erik S. Katz

Jeffrey A. Cohen

Assigned to Wrinkl, Inc.

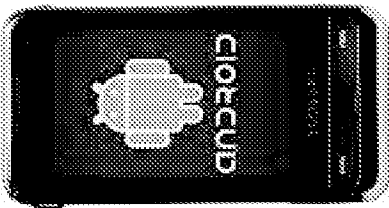
(c) 2015 Wrinkl, Inc.

Confidential

3

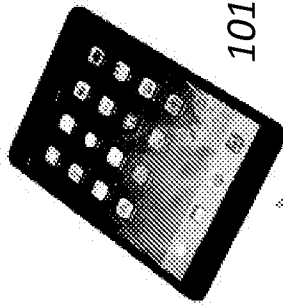
Figure 1

MOBILE DEVICE ([Smart]Phone)
operating system agnostic



100

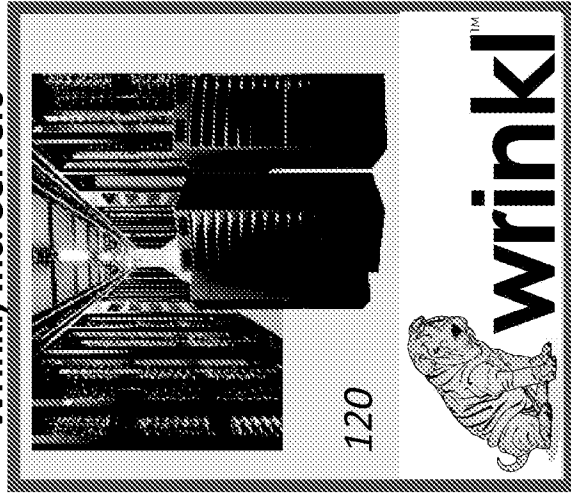
MOBILE DEVICE (Tablet/Phablet)
operating system agnostic



101

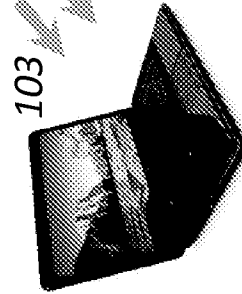
- In all cases, connection to the cloud can be established via wireless, WiFi, Ethernet, or any other means.

Wrinkl, Inc. Servers



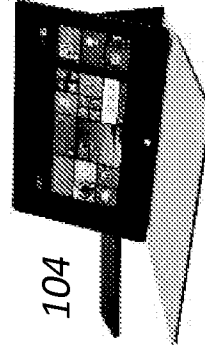
120

110
CLOUD



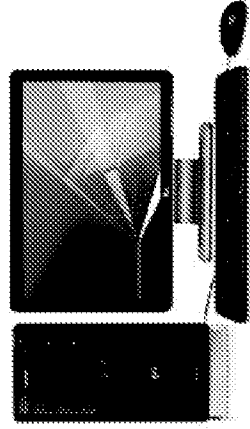
103

Laptop Computer
operating system agnostic



104

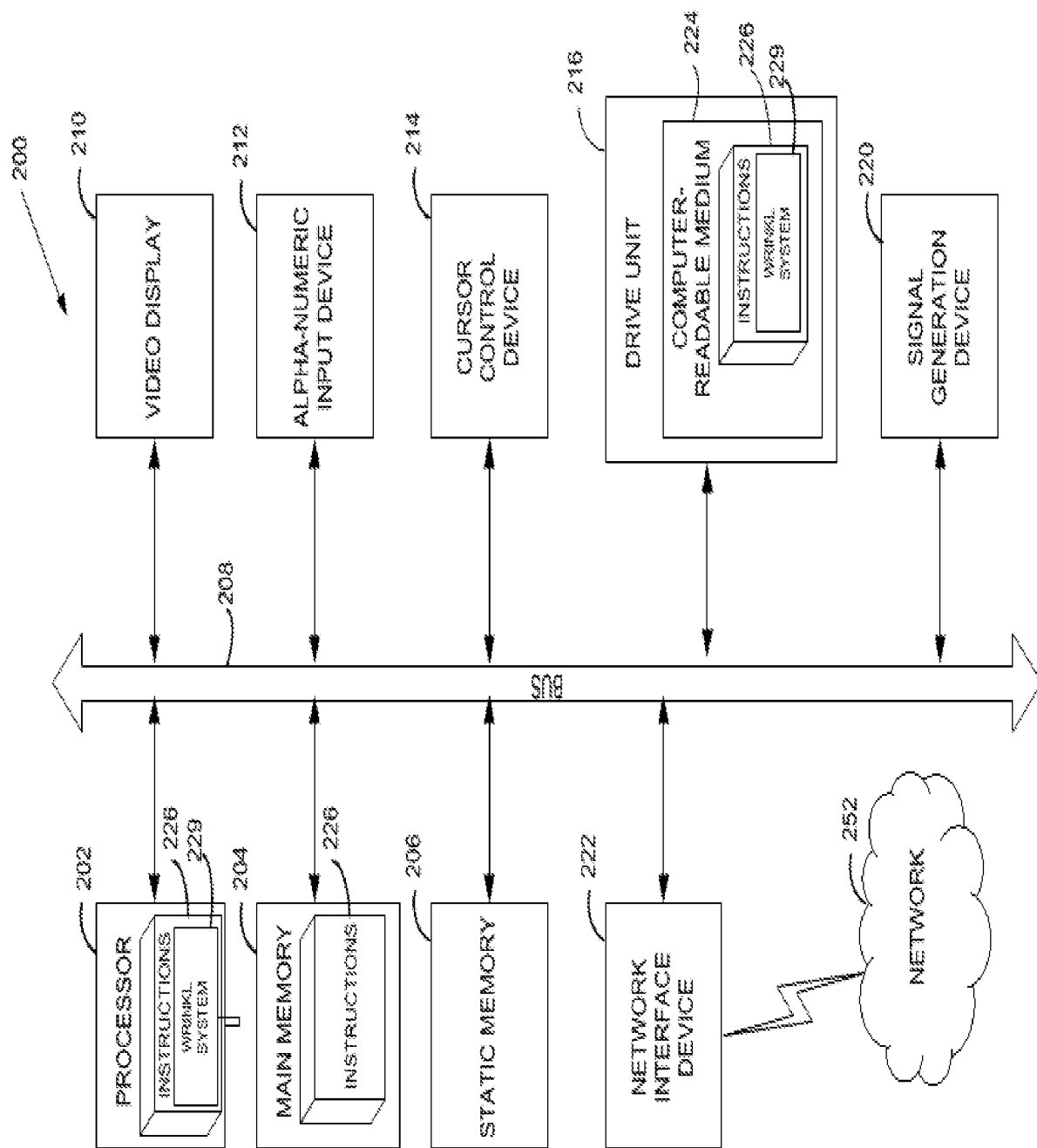
Hybrid Tablet/Laptop/other
operating system agnostic

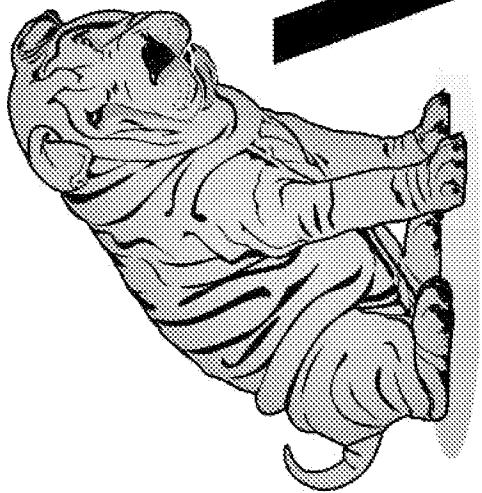


105

Desktop Computer
operating system agnostic

Figure 2





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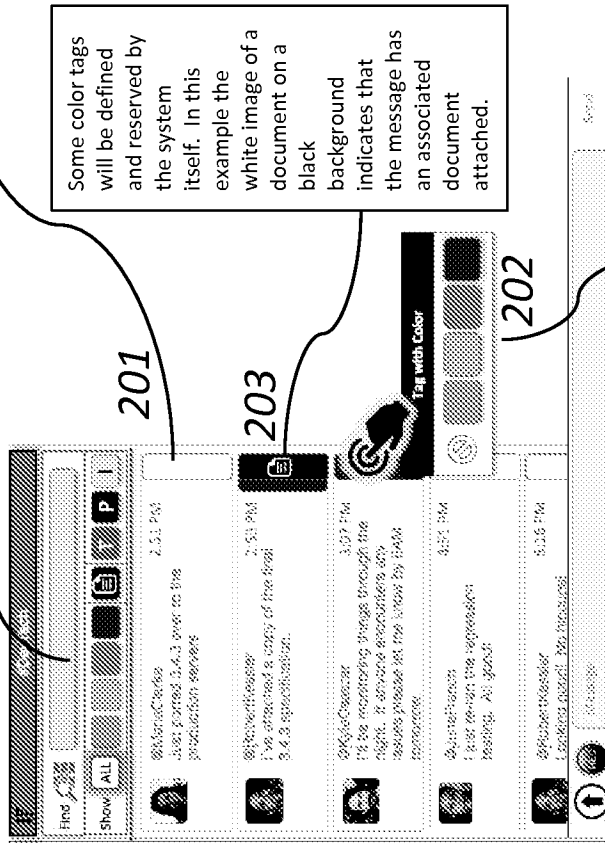
Context Relevant Chat Search Results

SUMMARY: Existing chat/messaging applications display/show only a sequential, read-only, chronological presentation of an exchange between individuals or groups of individuals. Searches return or “find” instances of the defined search criteria. Chat is inherently context sensitive. Finding an instance of a matched word, term, tag or person’s name, for example, is insufficient and provides inadequate context. The messages that come before and after the “found” instances (“context”) is often necessary in order to make sense of the search result. The current state of searching chat limits the user to a sequential one at a time viewing of search matches. Find “xyz”, next instance, next instance, next instance, etc. This is a slow, cumbersome and unorganized approach.

This proposed “Chat – Context Relevant Search” invention (Figure 2A, Figure 2B, Figure 2C, Figure 2D and Figure 2E and related description) provides a method and approach to display messages that match the search criteria while simultaneously affording the search originator the necessary message context.

Search criteria is typed, tapped, moved, imported, loaded from a saved file, written, spoken (entered by any means). Search criteria can be a single or combination of and/or Boolean Search (word, #tag, name, color, texture)

Figure 2A

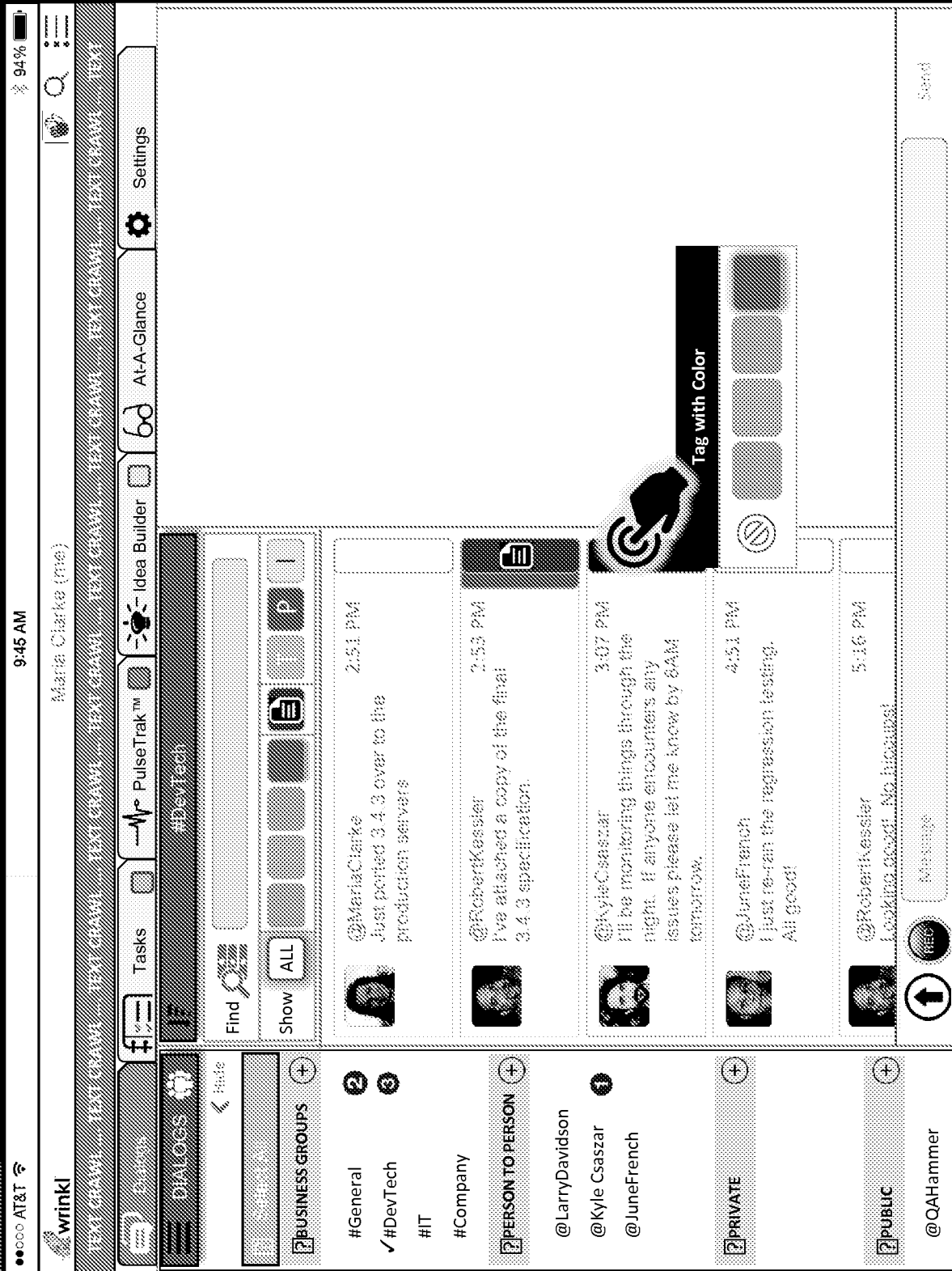


Each message that is entered is displayed along with an associated or connected” hollow/empty shape/icon. The associated reference can be anything visible or invisible, a shape or other “marker”. The point is that there is the ability to flag/tag/mark a message in some way (by color for example) that can be used later as a means to differentiate or isolate like “marked” messages.

The nature of chat, messaging is that there is usually only a small subset of the input or provided communication information that one would find key, notable or important. There needs to be a way to “separate the wheat from the chaff”. Allowing users to apply a tag/color/sound/smell or texture (there may be a way to tag things in the future with tactile or aromatic tags) to individual messages provides them with a way to indicate, highlight or associate messages, for current use or future recall for themselves or others.

In this example, the user taps on the hollow shape associated to a particular message to bring up a palette of color tags. One or more colors may be used to tag the message. The user can select, add, delete and name colors in user settings.

Figure 2B

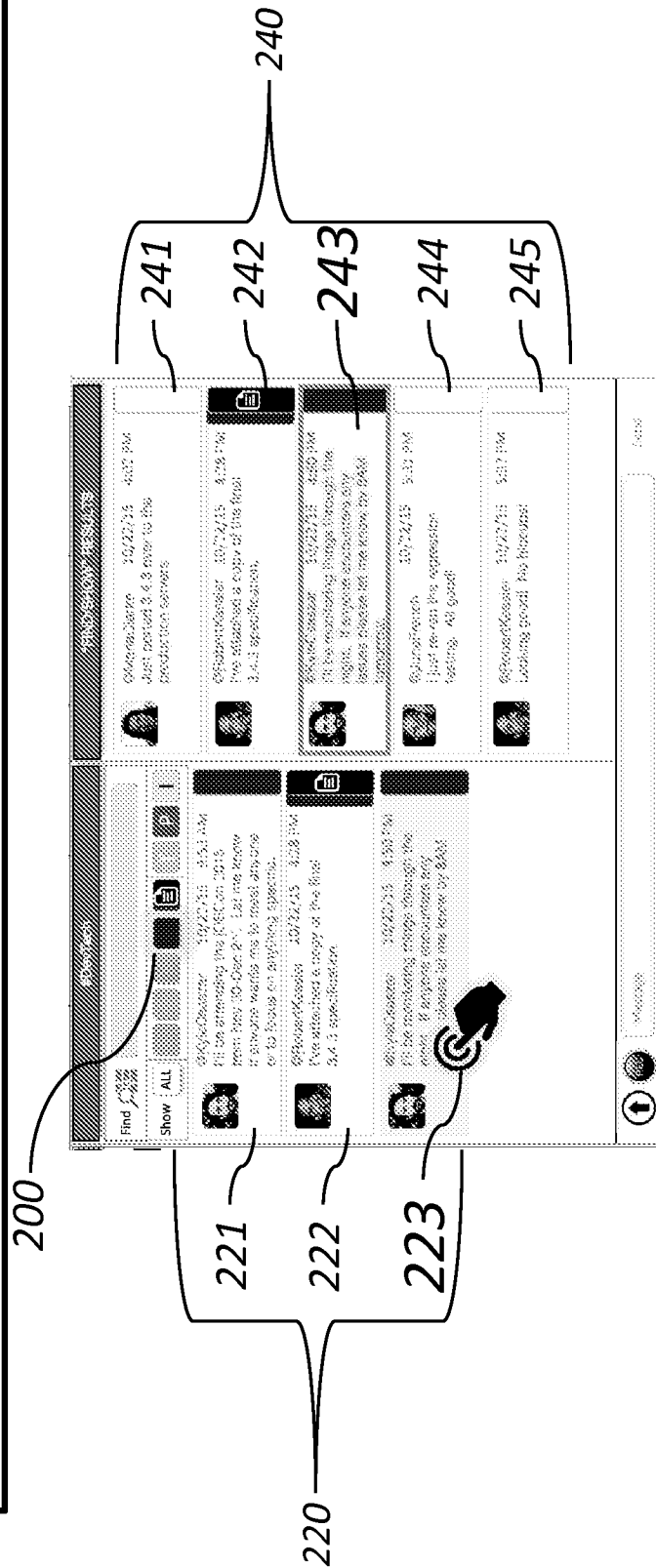


Chat/messaging applications display/show only a sequential, read-only, chronological presentation of an exchange between individuals or groups of individuals. Searches return or “find” instances of the defined search criteria. Chat is inherently context sensitive. Finding an instance of a matched word, term, tag or person’s name, for example, is insufficient and provides inadequate context. The messages that come before and after the “found” instances (“context”) is often necessary in order to make sense of the search result. The current state of searching chat limits the user to a sequential one at a time viewing of search matches. Find “xyz”, next instance, next instance, etc. This is a slow, cumbersome and unorganized approach.

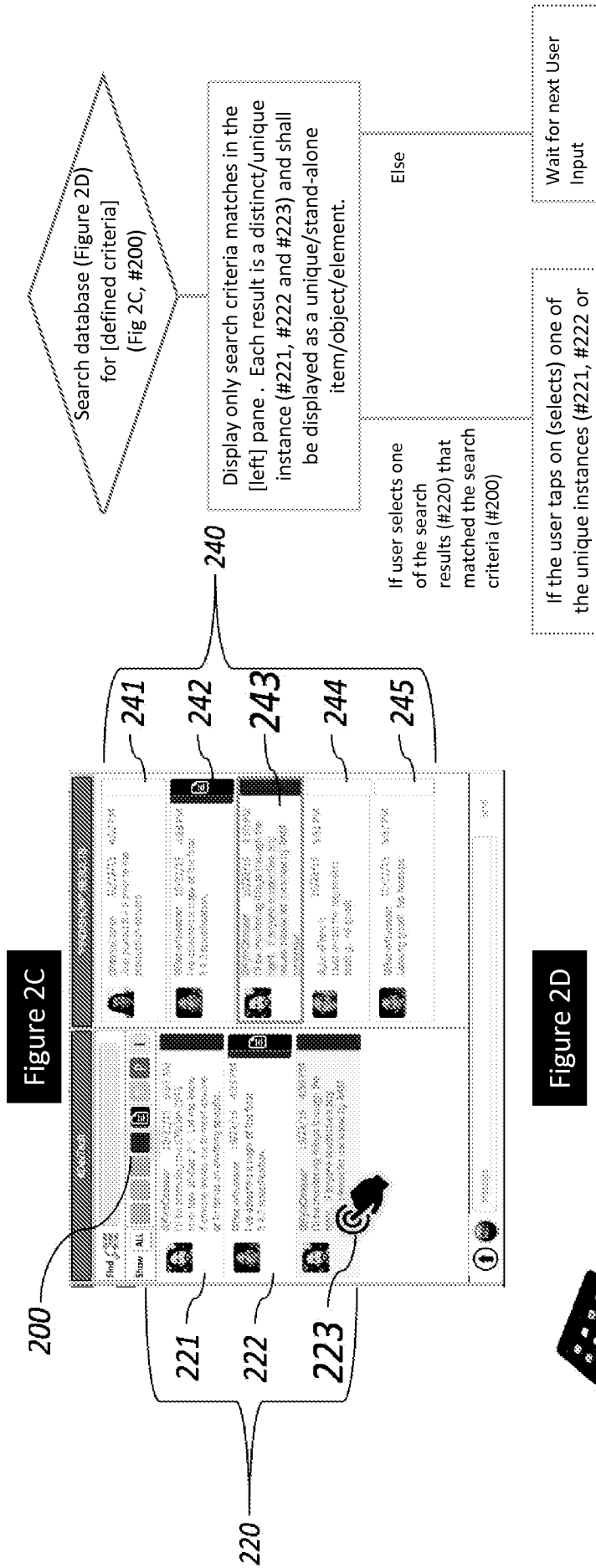
This proposed “Chat – Context Relevant Search” invention (Figure 2A, Figure 2B, Figure 2C, Figure 2D and Figure 2E and related description) provides a method and approach to display messages that match the search criteria while simultaneously affording the search originator the necessary message context.

Figure 2C

Dialog Messages are generally highly context sensitive. The “Find/Show” pane reveals all (#220) the messages that meet the defined criteria. Each individually matched result is itself a unique instance (#221, #222 and #223) When the User taps on one of the “found” messages (each a unique instance, e.g., #223), the message appears centered (#243) in the scrollable [rightmost] pane and “in context” (#240) – that is, surrounded and showing the messages that came immediately before and immediately after the identified and selected message. Each message contained in the context relevant display (#240) is likewise, a unique and distinct element and can be acted upon as such (i.e., tags added, message deleted, etc.)



Dialog Messages are usually highly context sensitive. The “Find/Show” pane reveals all (#220) the messages that meet the defined criteria. Each individually matched result is itself a unique instance (#221, #222 and #223). When the User taps on one of the “found” messages (each a unique instance, e.g., #223), the message appears centered (#243) in the scrollable [rightmost] pane and “in context” (#240) – that is, surrounded and showing the messages that came before and after the identified and selected message. Each message contained in the context relevant display (#240) is likewise, a unique and distinct element and can be acted upon as such (i.e., tags added, message deleted, etc.)



If the user taps on (selects) one of the unique instances (#221, #222 or #223) then the program will display a copy (#243) of that unique instance, [centered] in the [rightmost pane]. The copied instance (#243) shall be preceded by the original messages in their original order (#242, #241, etc.) that were received just prior to the selected instance (#243) and shall be followed by the original messages in their original order (#244, #245, etc.)

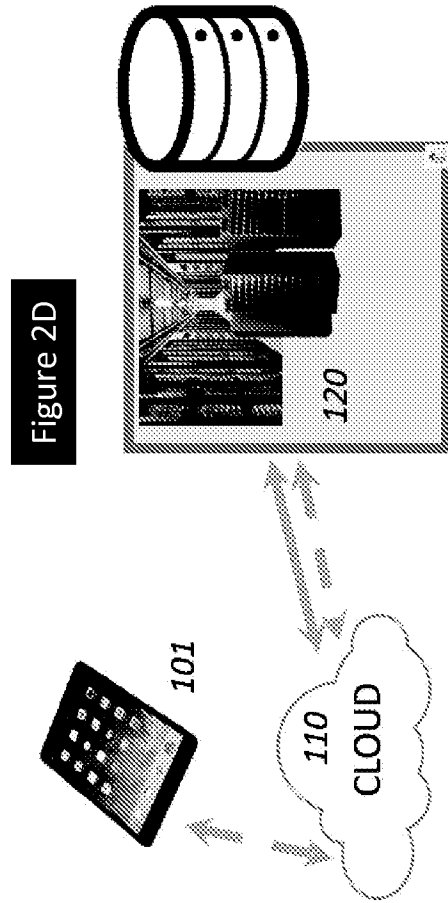


Figure 2E

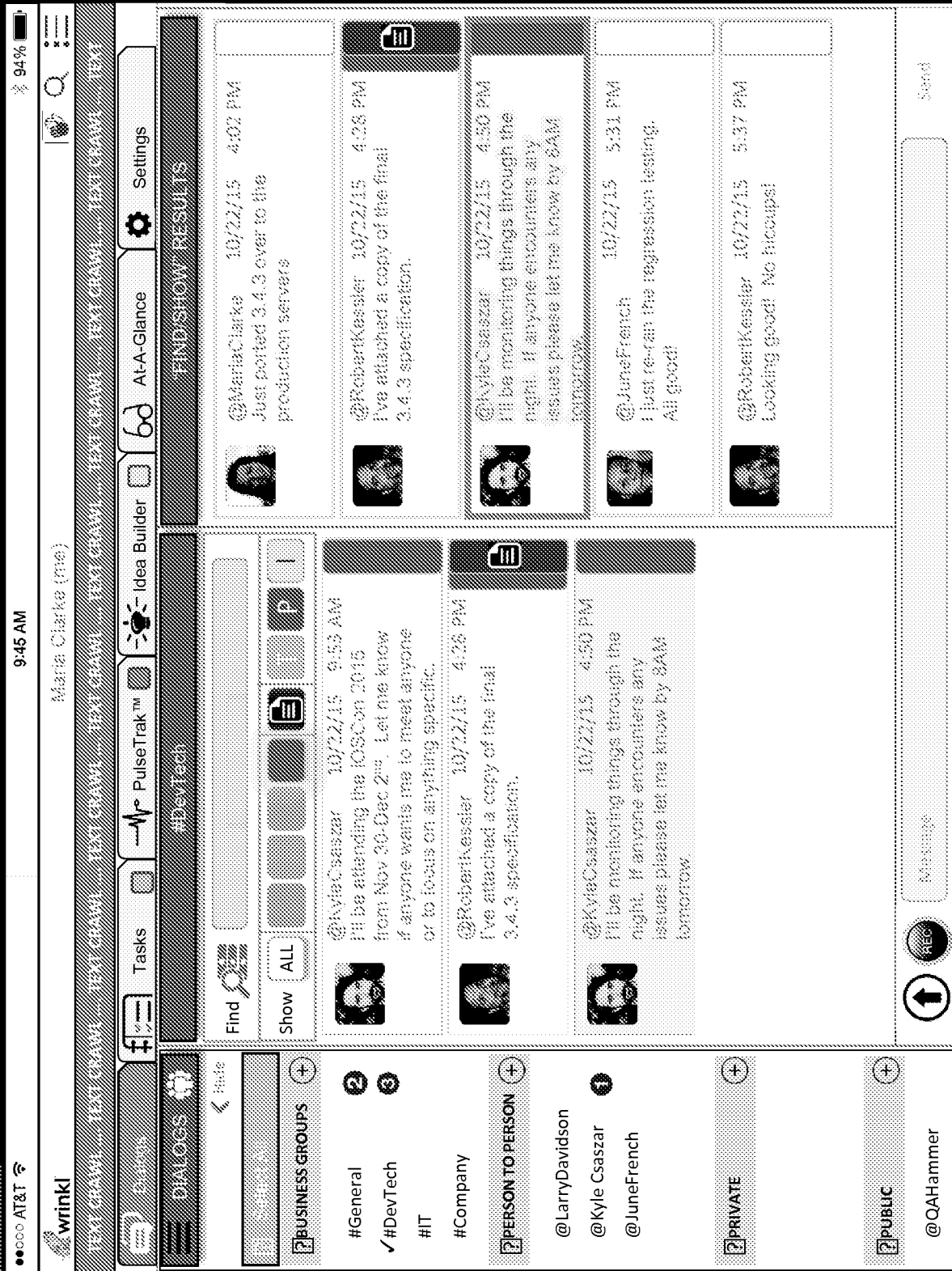
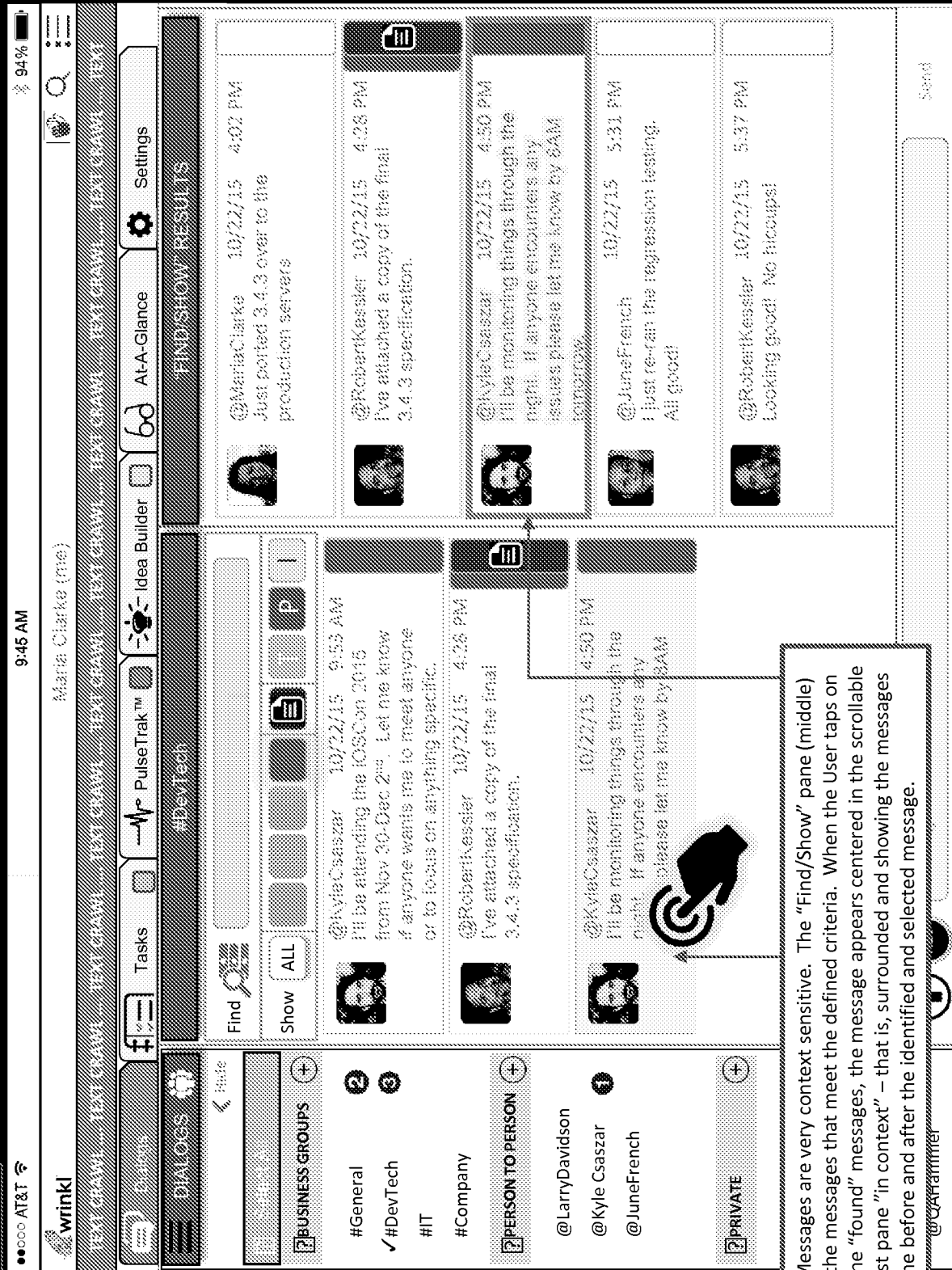
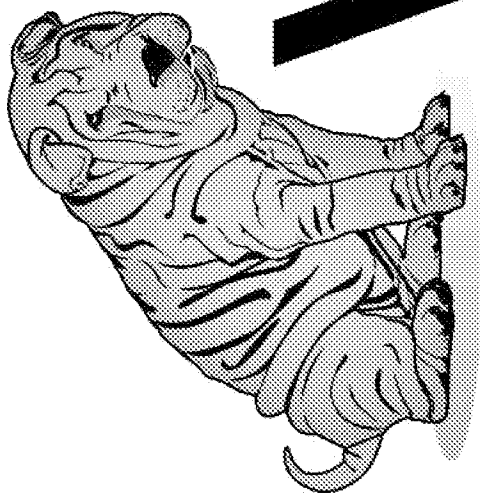


Figure 2E





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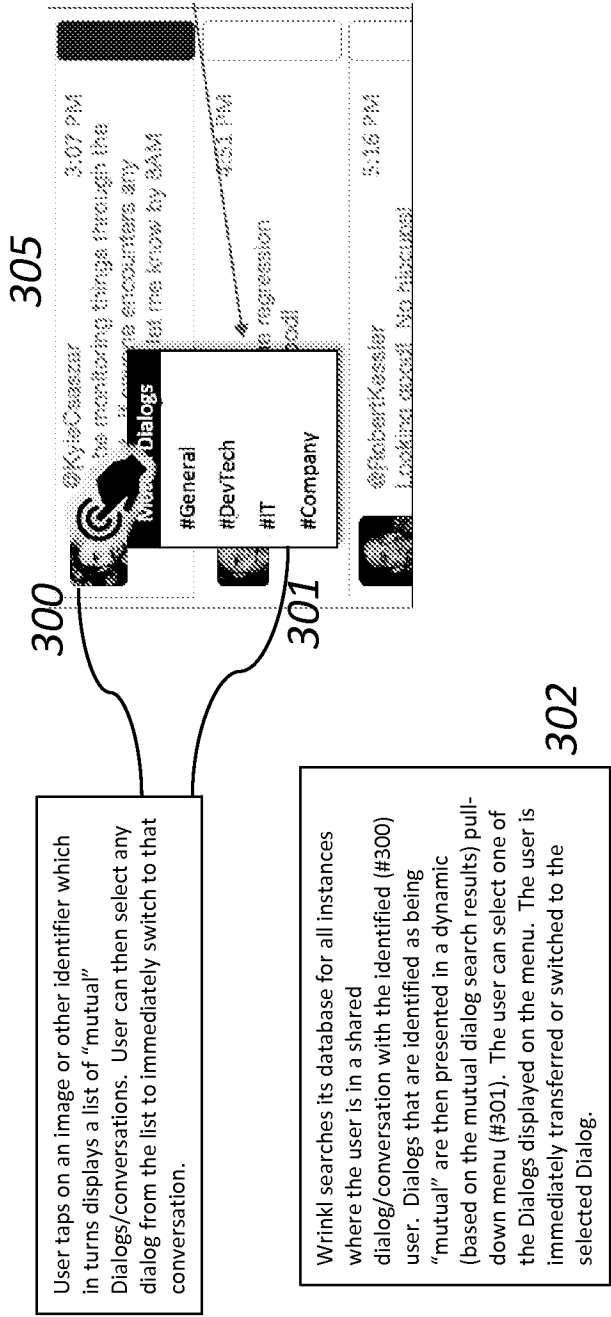
Ascertaining "Mutual Chats"



Summary: Chat users typically participant in more than one chat group at a time. Chat groups are typically organized around groups relating to work (work groups), friends and family (private), one-to-one (work or friends/family) or public chat groups (Public). It is not unusual for an individual to have overlapping groups, in other words one group may include 10 co-workers and another group may include 4 of those same co-workers along with additional co-workers unrelated to the first group. Chat groups could be related to a one-time or ongoing project, location, management level, department, task force, club, etc.). Organizing numerous chat groups can be cumbersome difficult and confusing.

From time to time a user may wish to initiate or continue a dialog/thread/conversation with another member and may want to quickly identify all of the “mutual” chats/conversations, that is, chats they have in common with the other person. Quickly ascertaining mutual chats can save time and frustration for chat participants. This invention describes improvements in chat messaging technology by providing a way a user can quickly and seamlessly ascertain mutual chats, which allows the user to quickly switch between chat groups, dialogs, threads or conversations.

Figure 3A



Chat users typically participant in more than one chat group at a time. Chat groups are typically organized around groups relating to work (work groups), friends and family (private), one-to-one (work or friends/family) or public chat groups (Public). It is not unusual for an individual to have overlapping groups, in other words one group may include 10 co-workers and another group may include 4 of those same co-workers along with additional – unrelated to the first group -- co-workers (could be related to a one-time or ongoing, project, location, management level, department, task force, club, etc.). Organizing numerous chat groups can be difficult and confusing.

From time to time a user may wish to initiate or continue a dialog/thread/conversation with another member and may want to quickly identify all of the “mutual” chats/conversations, that is, chats they have in common with the other person. Quickly ascertaining mutual chats can save time and frustration for chat participants. This invention describes one-way that a user may quickly and seamlessly ascertain mutual chats and allows the user to quickly switch between chat dialogs, threads or conversations.

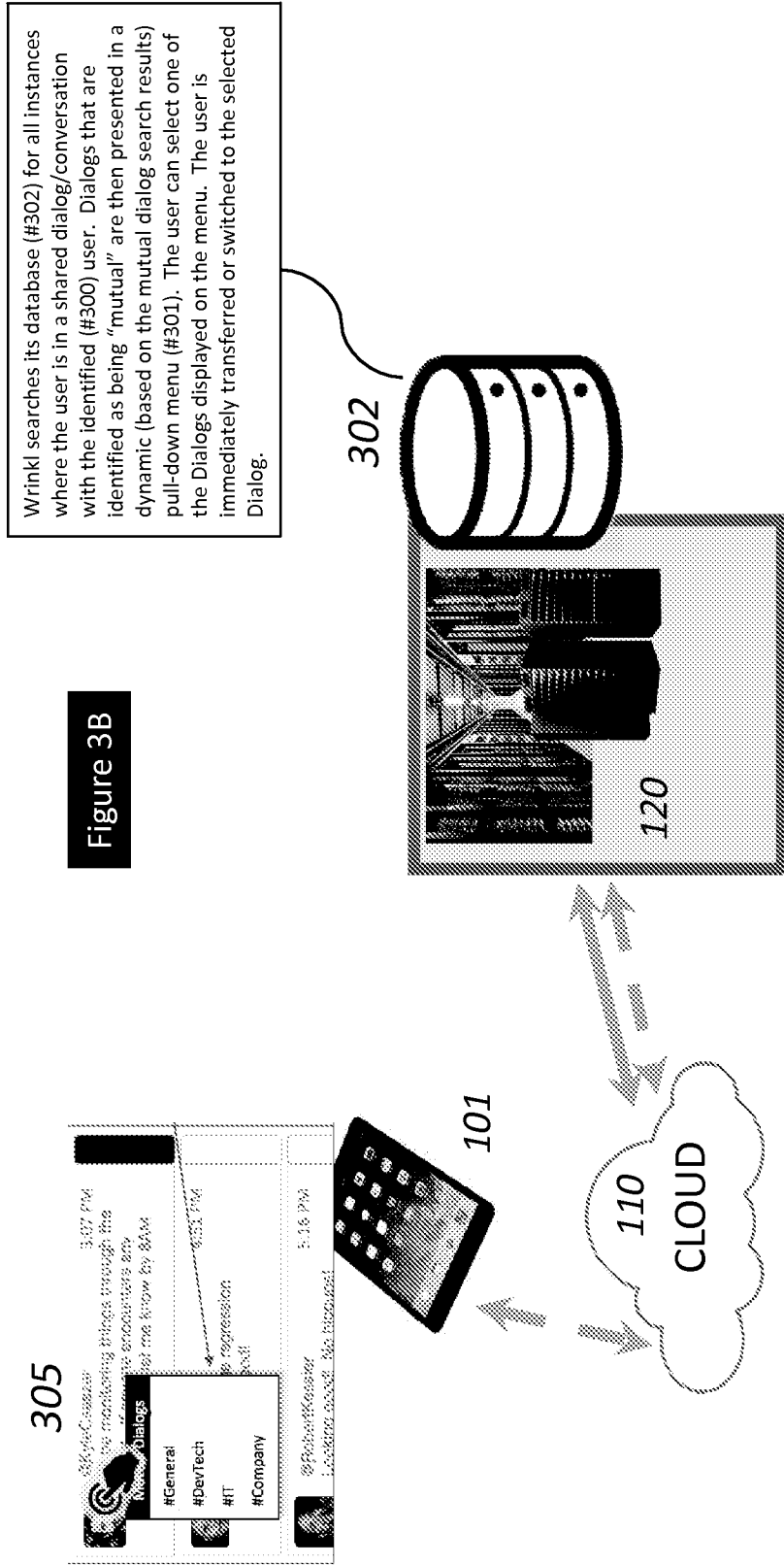
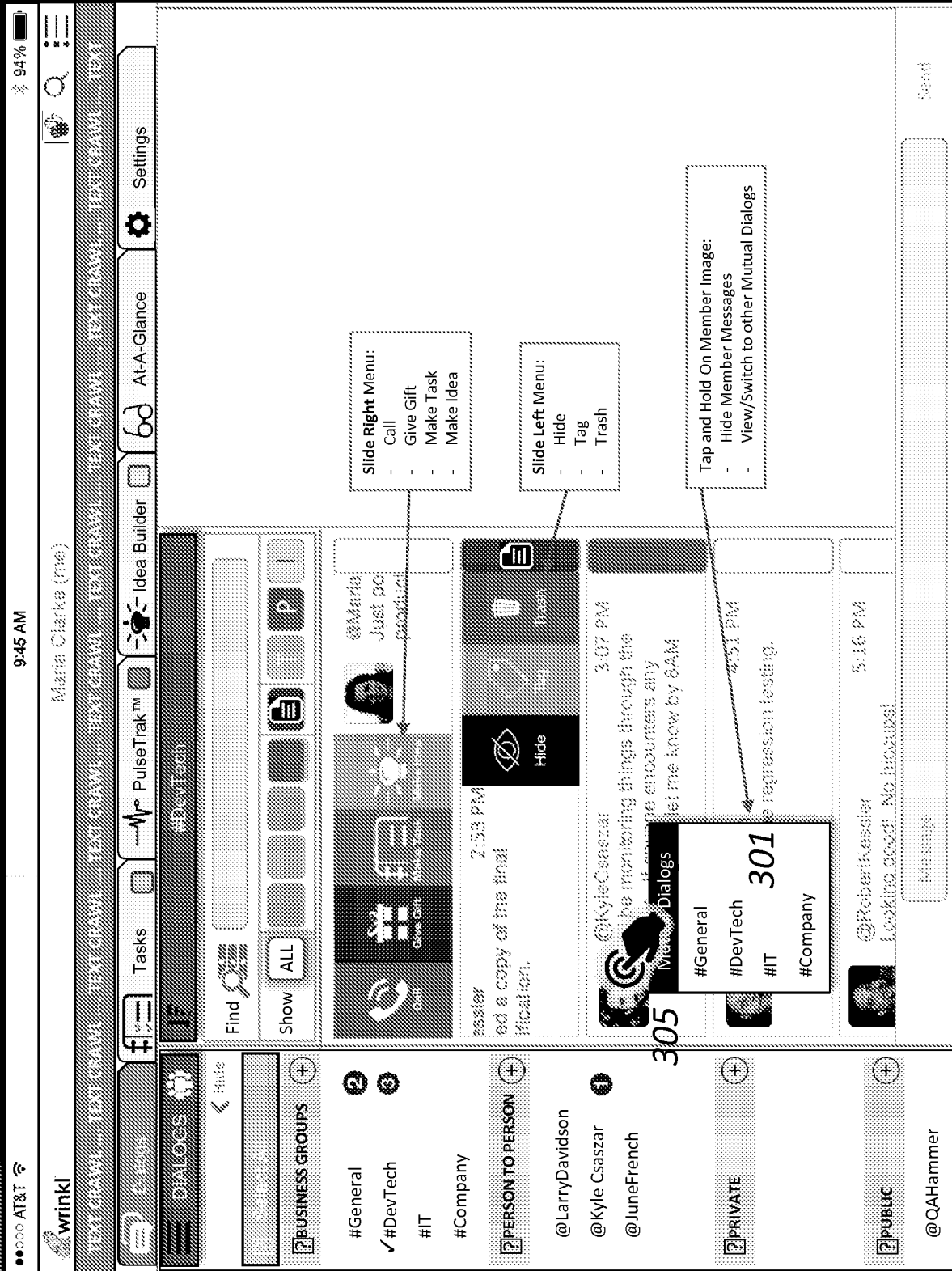
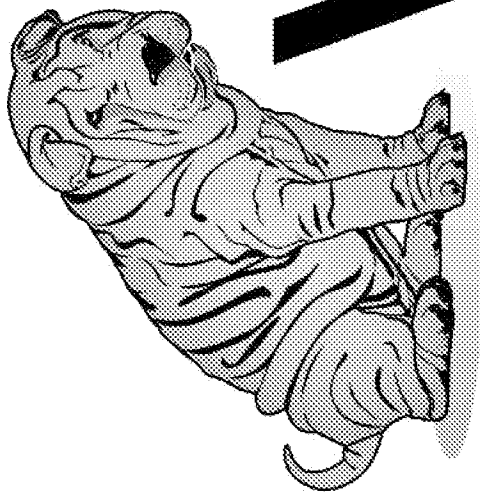


Figure 3C

This Screen Shot Shows Various Menus and Action Options





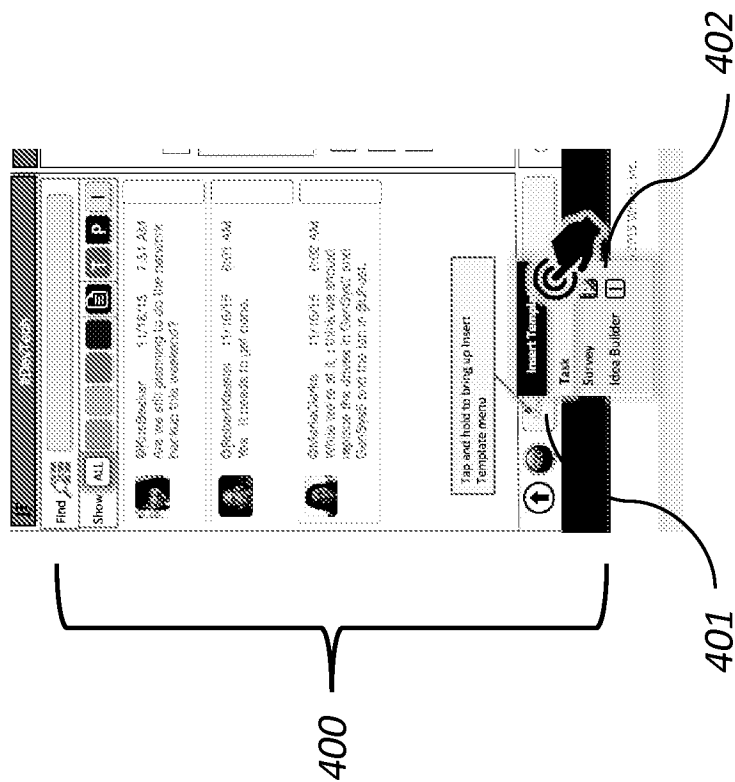
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Providing Actionable Chat Messages
Creating Order in Chaotic and Unstructured Chat



Figure 4A



- 400** Typical Chat window. Messages are posted/displayed. Identifying information such as the sender's photo, name (or alias) along with perhaps the date and/or time the message was sent or received. User messages are typically displayed in the order that they are received.
- 401** The message or text entry box. Users type a message and press "Send" to post their comment or message to the Group chat.
- 402** The "Insert Template" pull-down menu (or otherwise displayed and Template options revealed). Three examples of templates are shown (Task, Survey and Idea Builder) but many additional templates based on specific actions (e.g., soliciting and collecting party or meeting attendance information, teacher to student assignments, etc), can be built and or customized by the Company, the users or by third parties – i.e., Third Party Plugins)

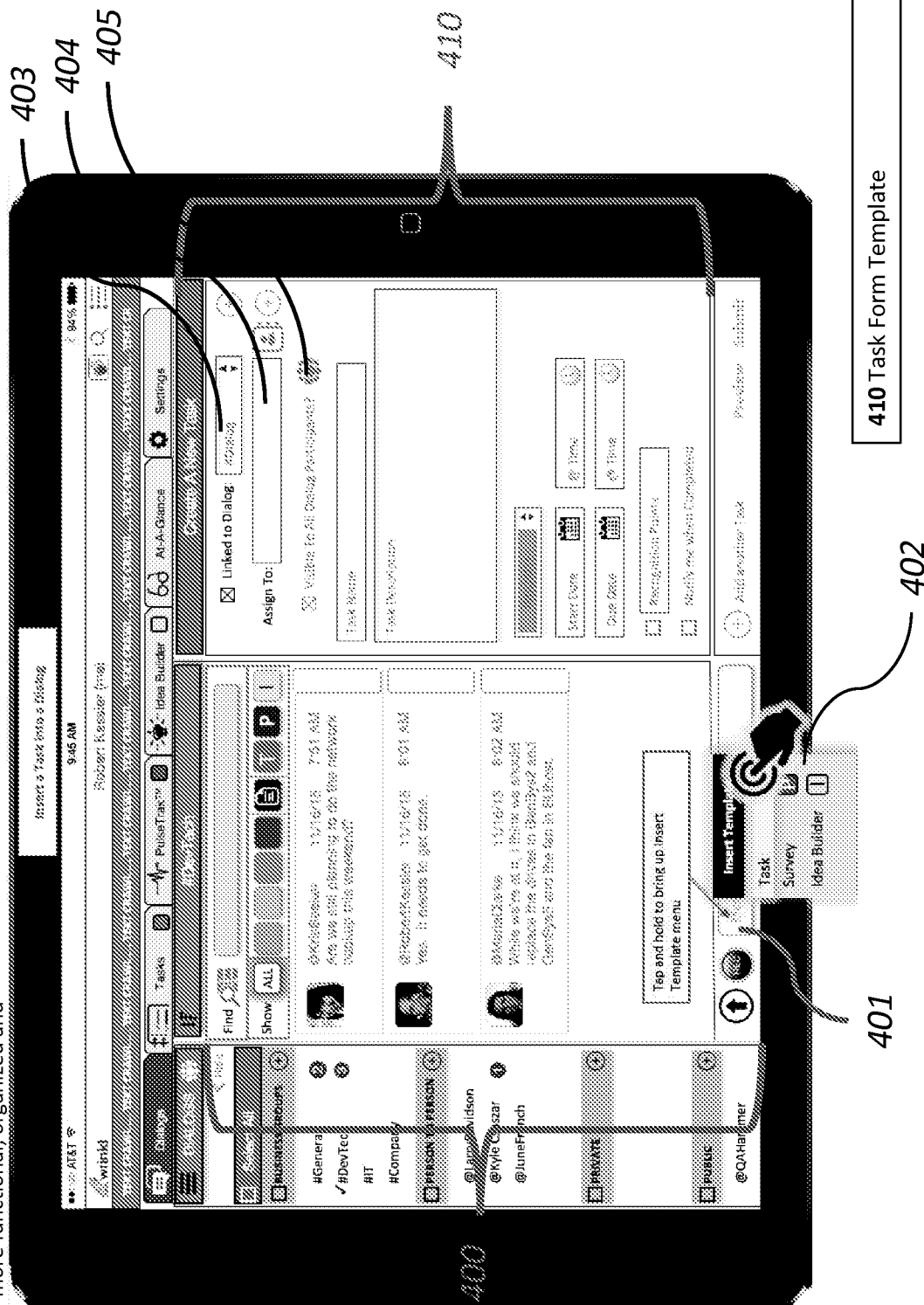
Chat is traditionally characterized as a back and forth dialog or conversation between and among a group of individuals. Chat communications are displayed as a list of messages displayed in sequential or chronological order.

Today's chat lacks the ability to organize the contents of messages in a meaningful and actionable way.

While a user can certainly pose questions to his/her chat group, the responses will come back in an unstructured and disorganized way. Some folks will respond immediately to the questions while others may wait a day or so to respond. Some respondents may respond with a simple "yes" or "no" while others may respond with in depth thoughts and comments. Some users may not respond at all. By using chat as the means to pose questions, the question originator is accepting the fact that the responses will come over time and in various formats and will be scattered among and in between all of the various other messages that will have been sent and received by the group. Chat is not an ideal way to collect organized and structured responses to questions or surveys. Similarly, tasks and assignments can be sent via chat, but by choosing to use Chat as the means to assign a task, the Assignor's ability to track the assignment and the Assignee's (or Assignees') ability to prioritize and manage the assignment is suboptimal. There are many other examples of daily activity that are currently being handled using chat as the means of communication. Chat is an excellent and engaging way for people to communicate and interact but there is a need to turn the barrage of unorganized messages into structured and actionable data. There is a further need to be able to compare responses quickly and on a like basis. Through the use of action specific templates (or through the use of algorithms or Artificial Intelligence ("AI") to infer or determine the context and intended meaning or purpose of a statement, assignment, message or query), and a simple and intuitive interface, this invention does just that.

When a user chooses to insert a template into a Dialog (or in an alternative implementation of the invention, if the context or intention of the statement, question or assignment is inferred or predicted by the invention), a “structured form” or “template” appears that can be “filled-out” by the user. Through the use of these templates and embedded messages, chats/Dialogs, are made to be significantly more functional, organized and actionable.

Figure 4B



403 Tasks Can Be Linked to and Embedded in a Dialog or more than one Dialog.

404 Tasks Can Be Assigned to one or more Assignees. See also Figure 4J.

405 Tasks can be made to be visible to all Dialog participants or to a subset.

Figure 4D

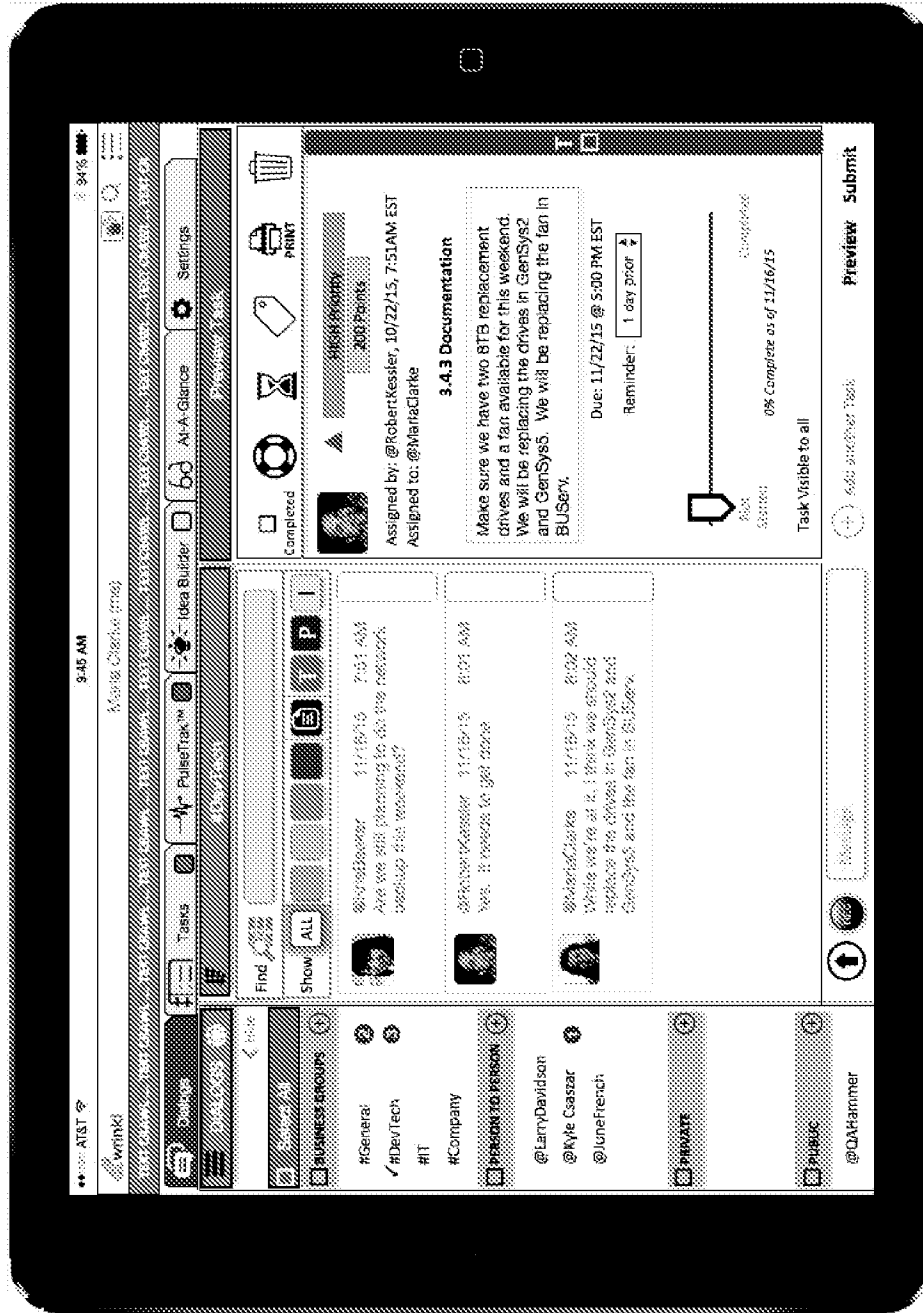


Figure 4E



414 The submitted task is embedded and displayed in the Chat conversation just as traditional chat message would, however embedded “message” is a structured “object” that can be acted upon.

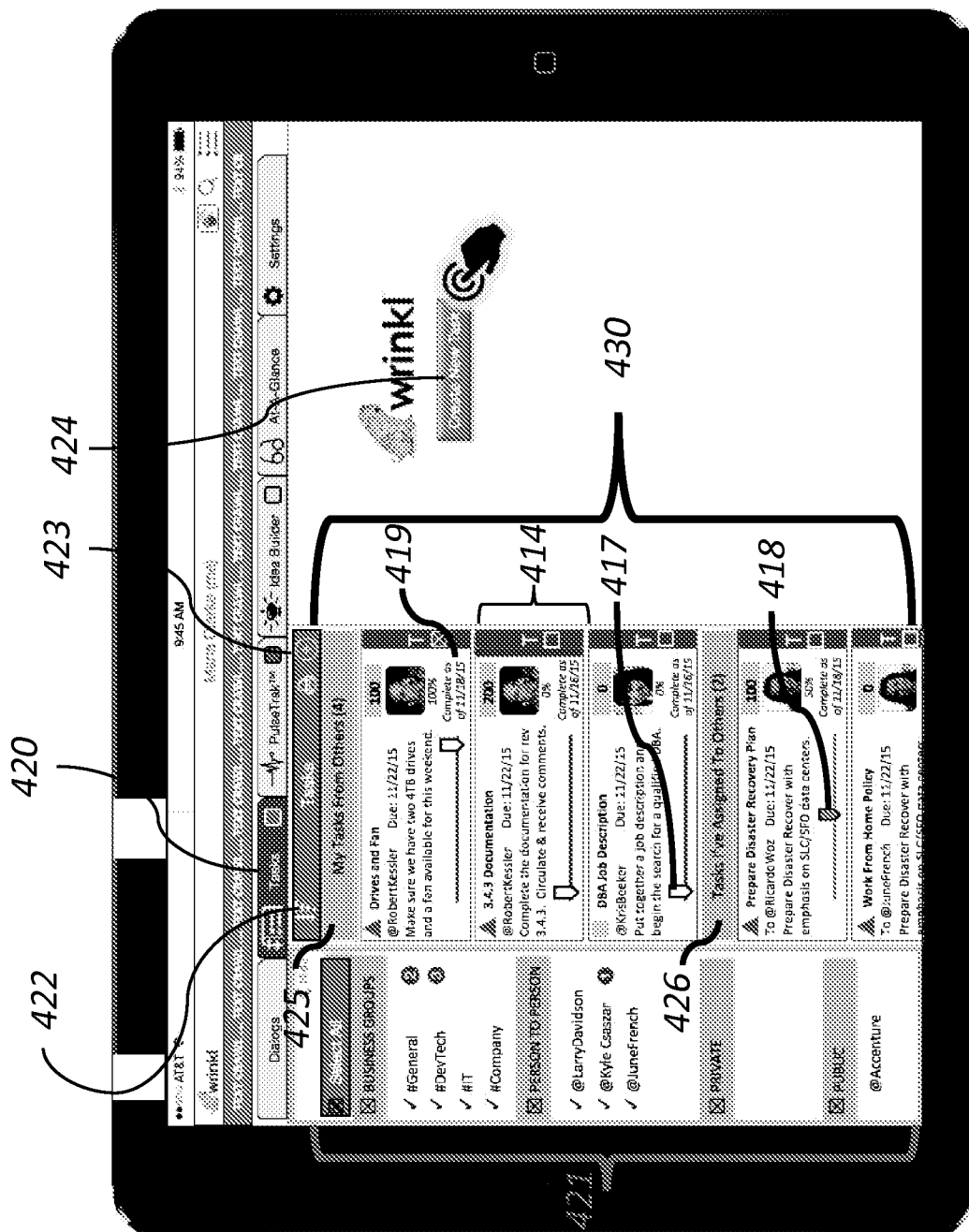
415 Task “Objects” are automatically [color] tagged (indexed)

416 A checkbox appears [beneath] the [“T”]. An unchecked checkbox indicates a task that has not yet been completed. A checked checkbox indicates a task that has been completed.

417 A slider appears within the “Task Message Object” (#414). The slider can be adjusted by the Task Assignee. The slider will change color (Figure 4F #418) and will not be adjustable (view-only) by anyone other than the Assignee. If an individual task has been assigned to more than one assignee than multiple sliders will be displayed indicating the progress (%) completed) along with the Assignee’s name, alias or other identifier of each assignee. Sliders are adjustable only by the intended Assignee.

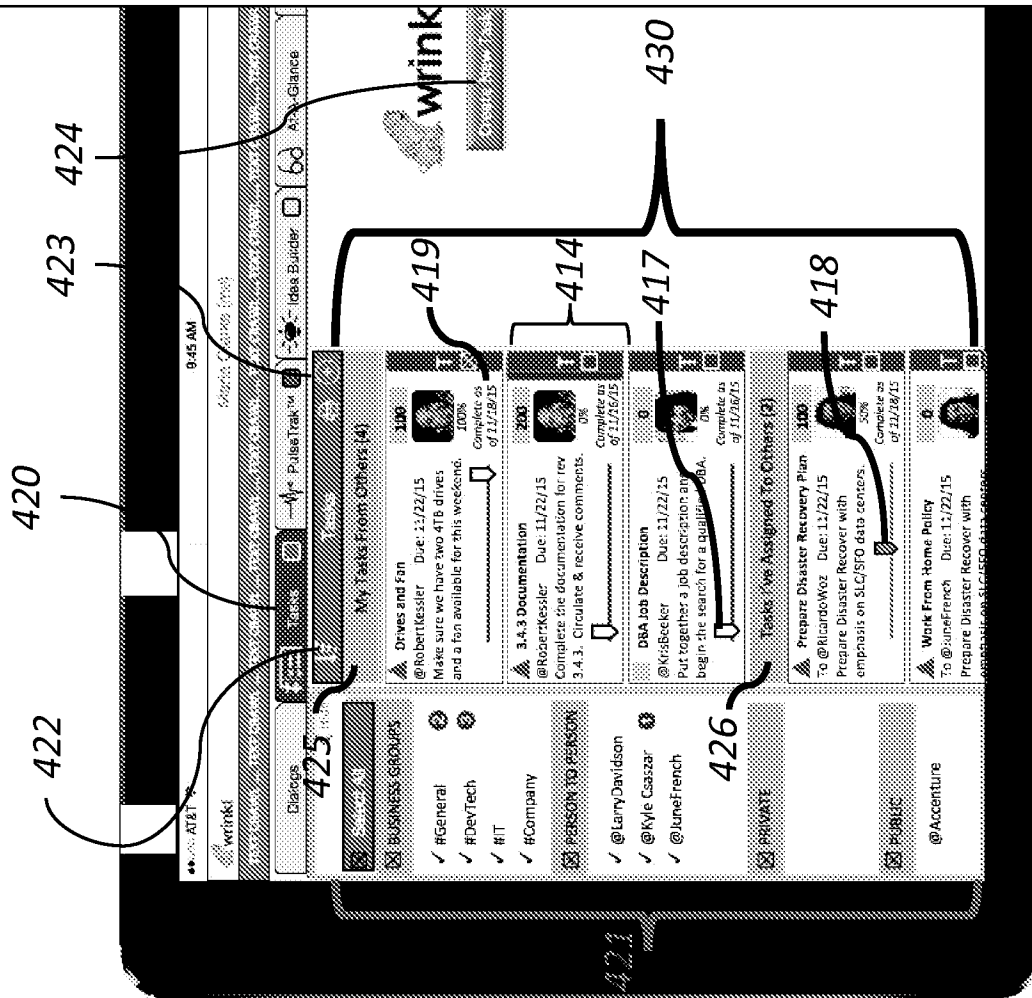
419 The “Task” percent complete along with the date that the slider was last updated indicates to the group the status of the task. The date last updated is important information for a group member because it gives context to the percent complete. For example, if a task was 50% complete on a date that was 4 days prior to the current date, that may indicate something different to a Chat participant than a note indicating that the task was 50% complete as of the current date.

Figure 4F



Note: The sliders all in one place on this screen, not only provide the User with a quick snapshot of all of their outstanding tasks but also creates an urgency for getting tasks completed. If it's been 6 hours since the last time a user looked at the Tasks Tab he/she is going to feel the need to have moved the ball forward on at least some of his/her tasks.

Figure 4F



Note: The sliders all in one place on this screen, not only provide the User with a quick snapshot of all of their outstanding tasks but also creates an urgency for getting tasks completed. If it's been 6 hours since the last time a user looked at the Tasks Tab he/she is going to feel the need to have moved the ball forward on at least some of his/her tasks.

417 A slider appears within the "Task Message Object" (ex. #414). The slider will appear in a certain color and can be adjusted by the Task Assignee. Tasks presented in this manner provide a structured, more organized, and quicker method of communication and updating task status. The proposed invention changes the nature of chat to include embedded actionable items/events.

418 A slider appears within the "Task Message Object" (ex. #414). The slider will appear in a different color indicates that it can not be adjusted (it is view-only) by anyone other than the Assignee. If an individual task has been assigned to more than one assignee than multiple sliders will be displayed indicating the progress (% completed) along with the Assignee's name, alias or other identifier of each assignee. Sliders will appear white and be adjustable only by the intended Assignee.

419 The "Task" percent complete along with the date that the slider was last updated indicates to the group the status of the task. The date last updated is important information for a group member because it gives context to the percent (%) complete. For example, if a task was 50% complete on a date that was a 4 days prior to the current date, that may mean something different to a Chat participant than a note indicating that the task was 50% complete as of the current date.

420 Tasks Tab. By selecting this Tasks [tab] a predefined sort takes place and the user is presented with a list of "just" Tasks objects/messages.

421 The User selects which Dialog or Dialogs to include in the Task Search results. Only Tasks relating to selected [checked] Dialogs will appear in the Task list (#425)

422 The user has the ability to sort the Task List by, for example, date assigned, percent complete, due date, Task Assignor, Complete/Incomplete, etc.

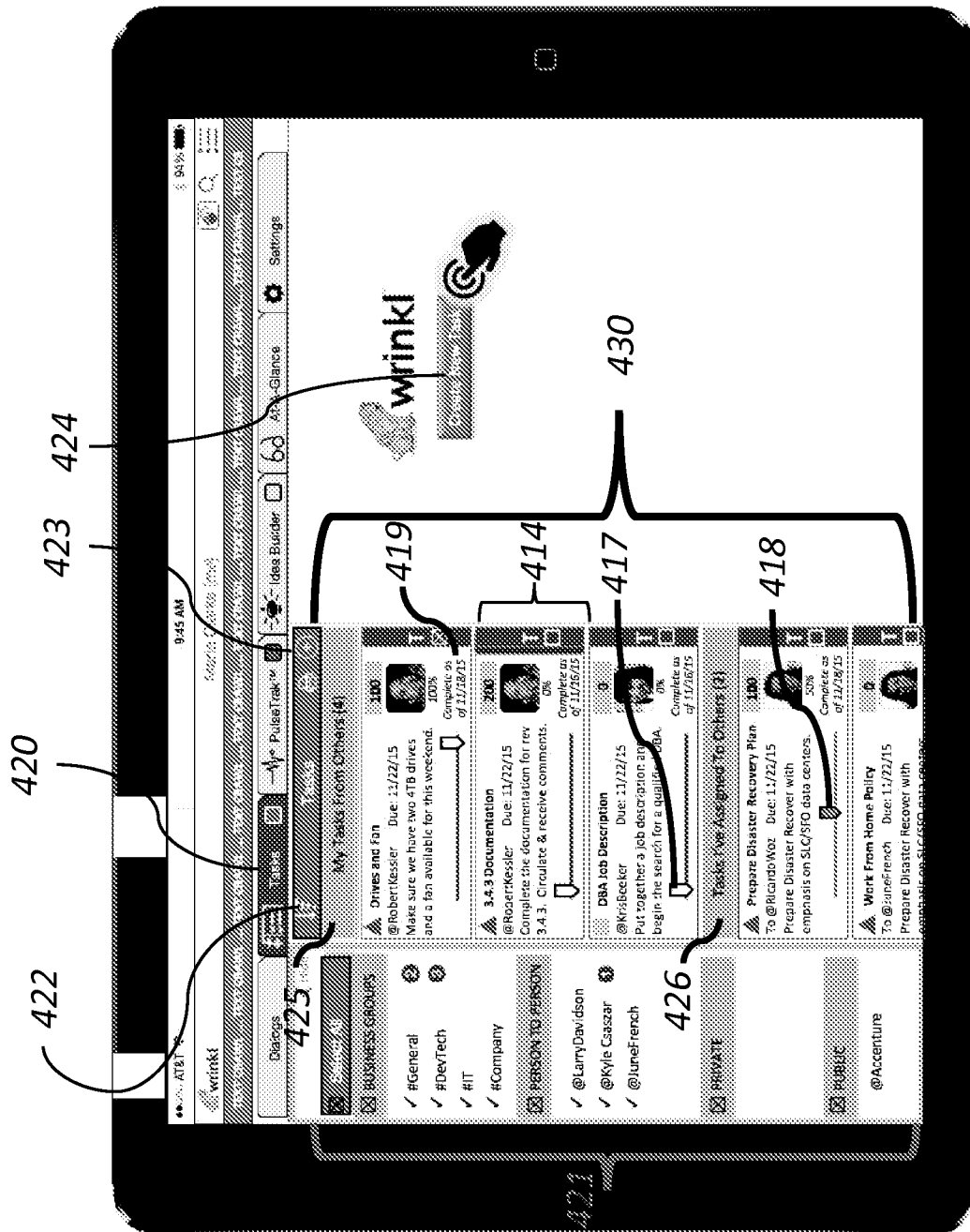
423 "+" icon. One of several ways that a user can add an additional new task. Tasks may be assigned to "Self" or to others.

424 Create New Task button. One of several ways that a user can add an additional new task. Tasks may be assigned to "Self" or to others.

425 and 426 By default, task lists are displayed in groups (this default setting can be modified by the user). The default groups are "My Tasks From Others" (#425) – these are tasks assigned to "me" by "known" others; "Tasks I've Assigned to Others" (#426) and "Public Tasks" – these are tasks accepted by me or assigned by me to "Public" or "social" or "Unknown" Assignors or Assignees. Users have the ability to turn on or turn off Public tasks and can further set parameters such as (but not limited to) the type of tasks the user is willing to accept, the estimated time to complete a task, requisite qualifications and minimum compensation for accepting and responding to a [Public] survey.

430 List of Tasks. This is the Task List that is displayed that meets the search criteria. When selecting the Task tab (#419) the search criteria automatically includes all messages/objects that are tagged as "Tasks". The search is further refined to include tasks that are included in the Dialog or Dialogs that are selected [checked] (#420)

Figure 4F



Note: The sliders all in one place on this screen, not only provide the User with a quick snapshot of all of their outstanding tasks but also creates an urgency for getting tasks completed. If it's been 6 hours since the last time a user looked at the Tasks Tab he/she is going to feel the need to have moved the ball forward on at least some of his/her tasks.

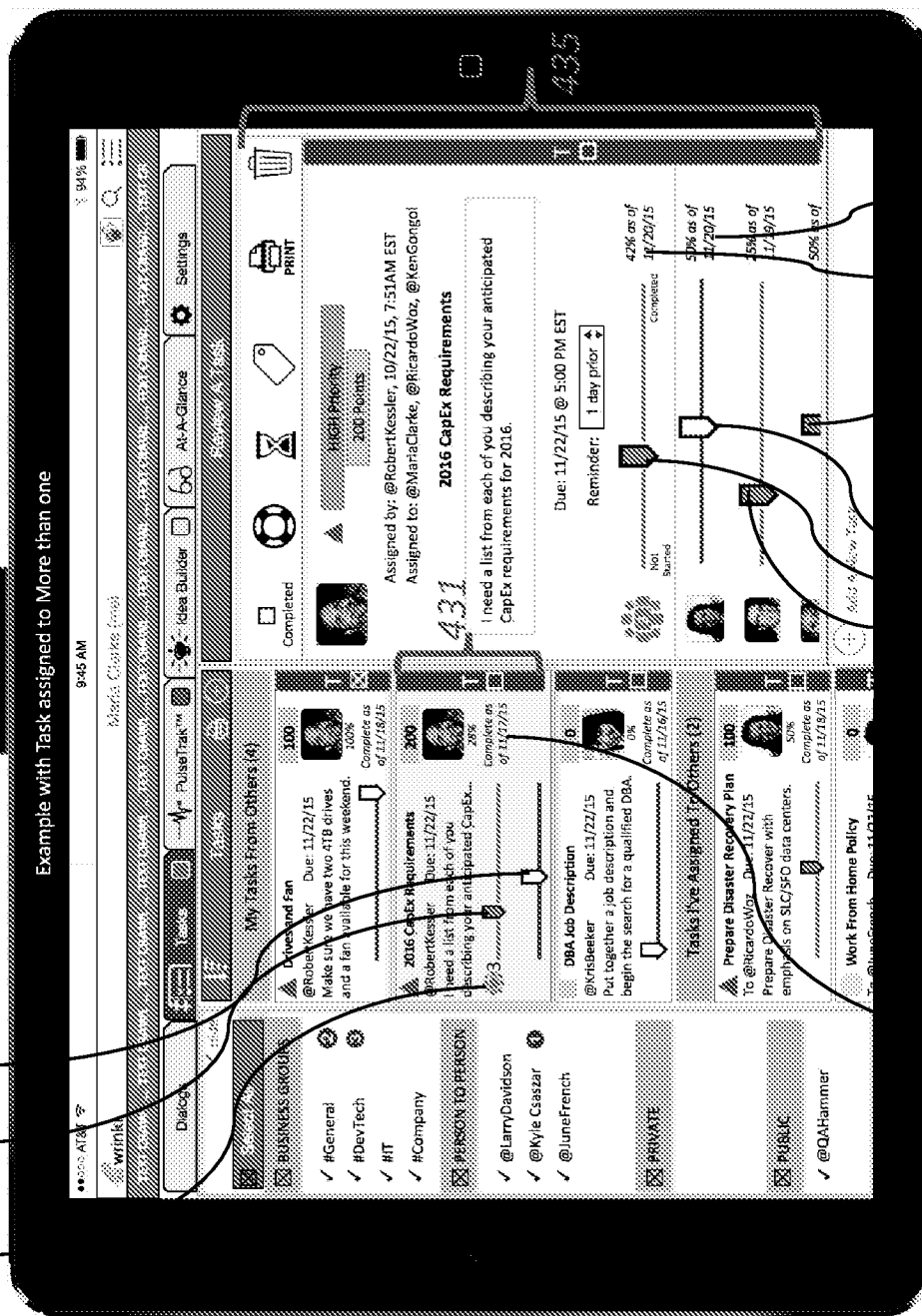
431 The submitted task is embedded and is displayed in the Chat conversation just as a traditional chat message would, however the embedded "message" is a structured "object" and can be acted upon.

432 The group icon indicates that a task has been assigned to more than one person. The number to the [right] of the icon indicates the total number of assignees.

433 If a task was assigned to more than one person, two sliders appears within the "Task Message Object" (#431). The [first] slider will appear [gray] (#433) and will not be adjustable (view-only) by anyone other than the Assignee. This [first] slider will indicate the average percent completed. The average is calculated by summing the total percent completed by each assignee and dividing that number by the total number of assignees. It is anticipated that other methods can be used in the future to calculate the average by, for example, giving more weight to the overall value or importance of a divided task.

Figure 4G

Example with Task assigned to More than one



434 If a task was assigned to more than one person, two sliders appears within the "Task Message Object" (#431). The [second] slider (#434) will appear [white] and is related to the User of the program – (i.e., the person whose login credentials were used to establish the session who is also one of the Task's Assignees) and can be adjusted by the Task Assignee. [White] Sliders are only visible as [white] to, and may only be adjusted by the intended task assignee.

434-B The "Task" percent complete along with the date that the slider was last updated indicates to the group the status of the task.

435 Review A Task Pane

436, 436-B and 436-C If a task was assigned to more than one person, more than one sliders appears within the Review a Task Pane (#435). The [first] slider will appear [gray] (#436) and will not be adjustable (view-only) by anyone other than the Assignee. This [top] slider will indicate the average percent completed. The average is calculated by summing the total percent completed by each assignee and dividing that number by the total number of assignees. There will be additional sliders (ex 436-B and 436-C), each of which reflects the percent completed by each of the other Assignees.

437 If a task was assigned to more than one person, more than one slider appears within the "Review A Task Pane" (#435). This slider (#437) will appear [white] and is related to the User of the program – (i.e., the person whose login credentials were used to establish the session who is also one of the Task's Assignees) and can be adjusted by the Task Assignee.

438 The "Task" percent complete appears [alongside] and is associated with the group average slider. #438 indicates the date that the slider was last updated by anyone of the Assignees

439 The "Task" percent complete and the date last updated appears [alongside] the slider of each Assignee.

Figure 4H is for reference and shows additional functionality relating to the Tasks Screen and Capabilities

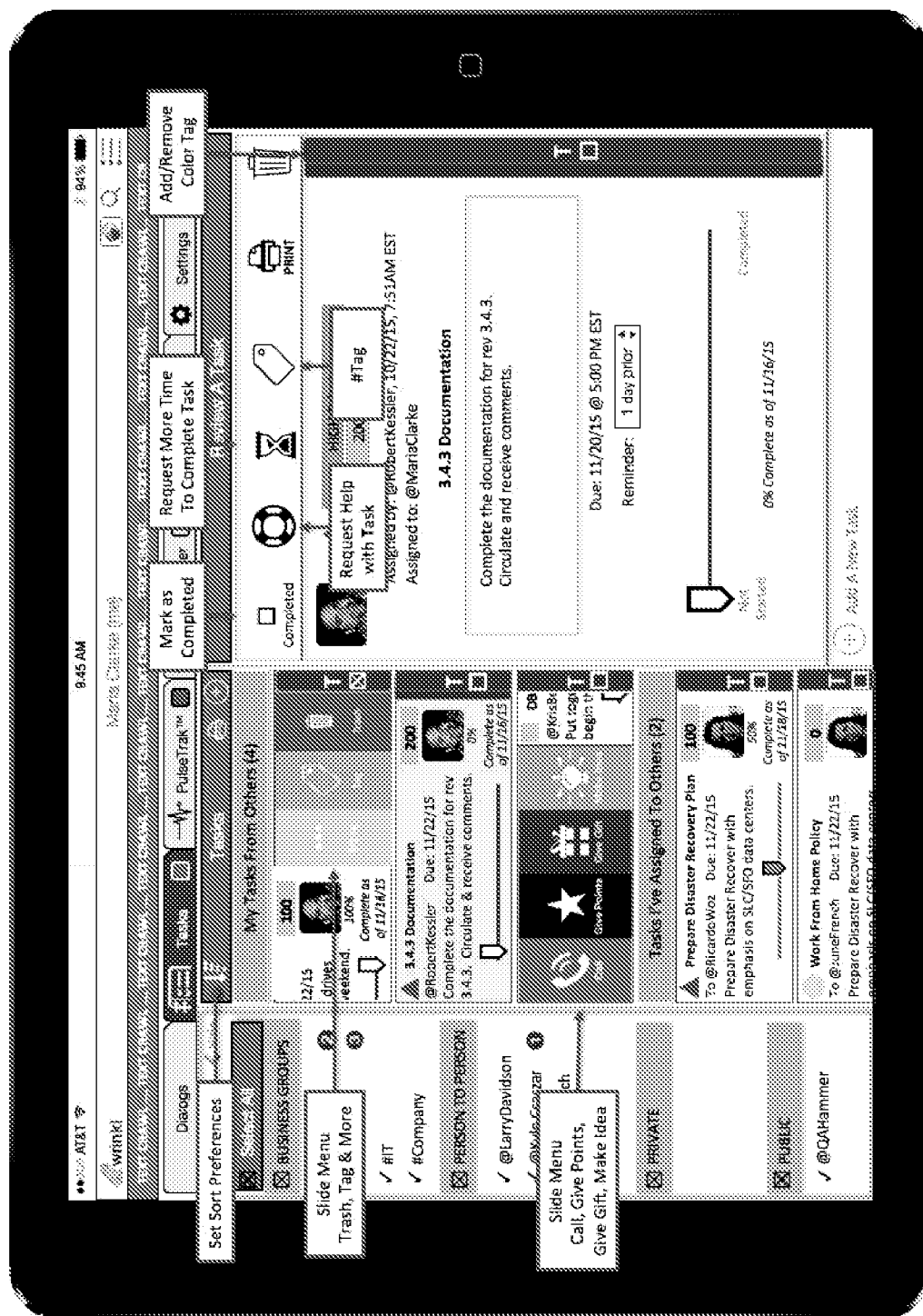
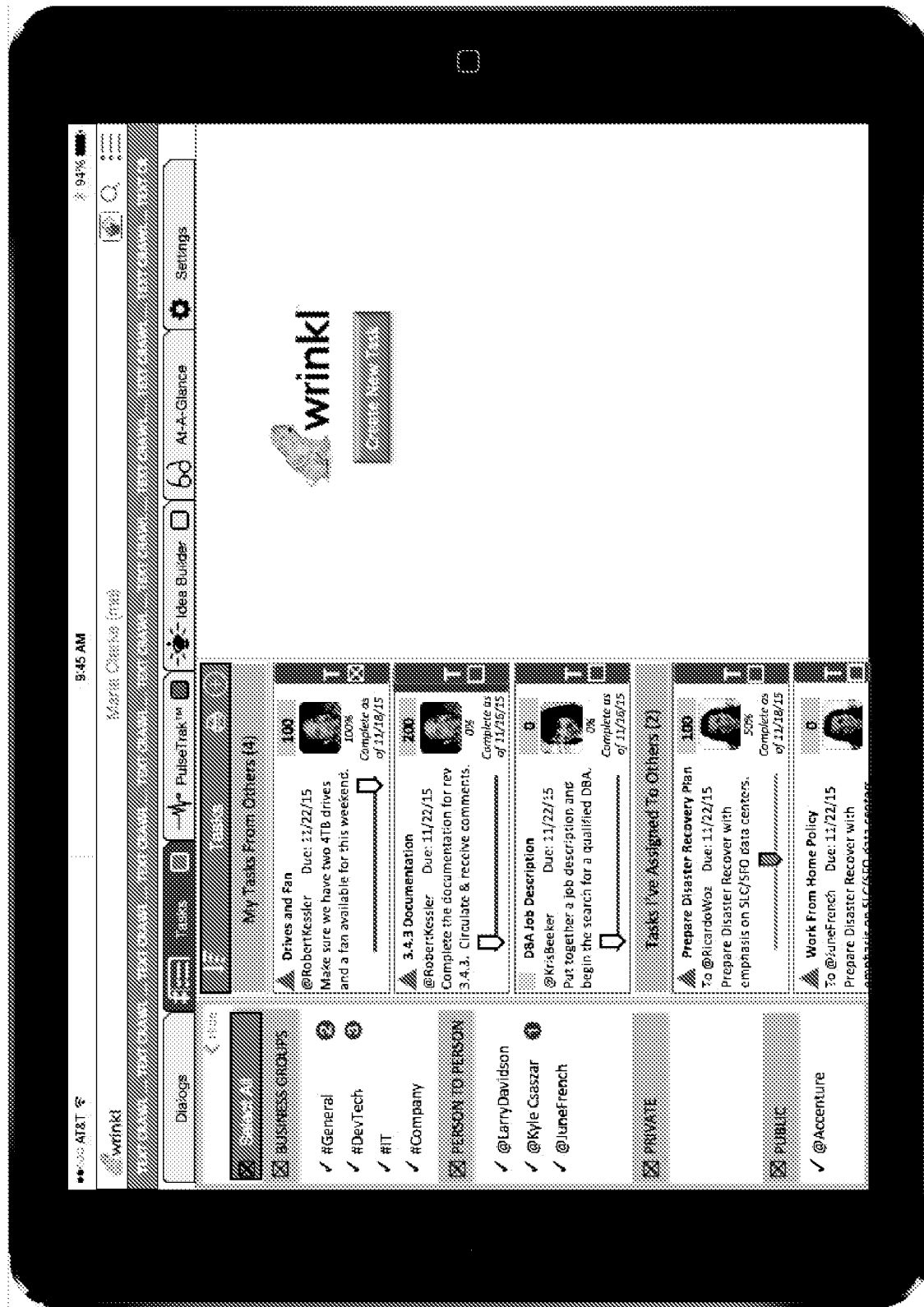
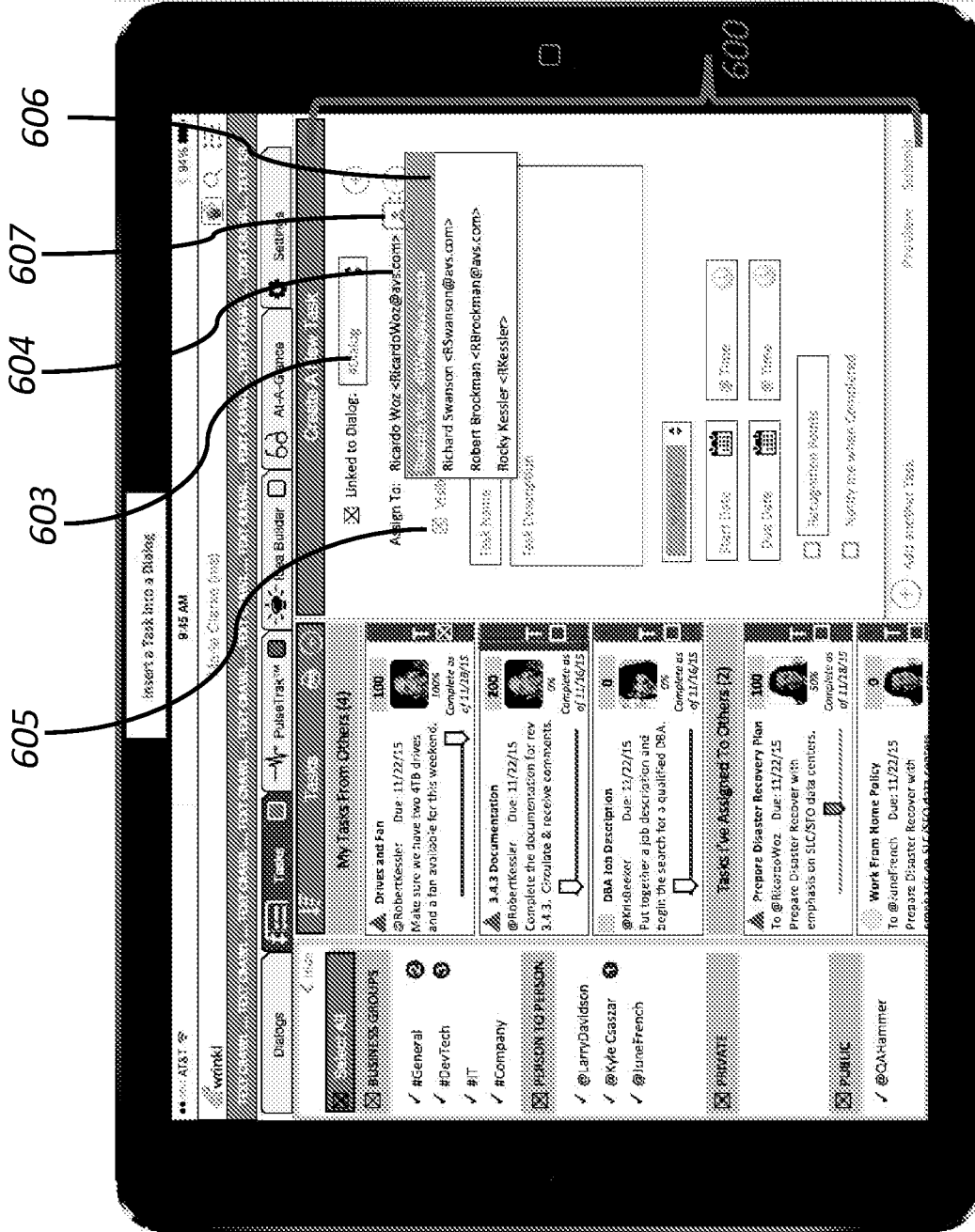


Figure 4I (Letter "I")



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Figure 4J



Users will have the option to authorize and permit Wrinkl to access their Contacts (e.g., Outlook, MacMail, Gmail, etc.). Access will likely be encouraged by Wrinkl but is not anticipated to be required by Wrinkl.

600 Task Form Template

603 Tasks Can Be Linked to and Embedded in a single Dialog or more than one Dialog.

604 Tasks Can Be Assigned to one or more Assignees. A Task can be Assigned to registered Wrinkl members but can also be Assigned to non-members. Non-Members being assigned a task will be notified by Wrinkl through [[electronic]] means such as email (ex. Figure 4K), or SMS) that a task is waiting. A link may be provided in the [[email]] notification directing the Non-Member to [[click, tap or copy the link into a browser in order to view the task]]. In addition to being notified that a task is waiting, the Non-Member may be informed – including but not limited to [who originated the task, the due date, priority of the task and possibly the date and time that the task was created]. If a Non-Member follows the link to Wrinkl, he/she will be able to view the task and update the status of the task (Figure 4L). The link will remain active until [the Task due date has been reached]. [All] of the functionality of the Task form will be available to the non-member. Updates to the task by the non-member will be made available to the Task Originator.

605 Tasks can be made to be visible to all Dialog participants or to a subset of Dialog participants.

606 As the User (the Assignor of a Task) types in the name of the intended Assignee, Wrinkl will suggest possible contact matches. The names suggested are names that are known to and stored by Wrinkl as a result of the Users previous interaction via Wrinkl with the contact.

Alternately the Assignee contact information may be presented as a result of Wrinkl having access to the User's Contacts (e.g., Outlook, Google Contacts, MacMail, etc.)

607 Contact Book Icon. By [tapping] on this icon a list of contacts is displayed from which an Assigns may be selected.

Figure 4K

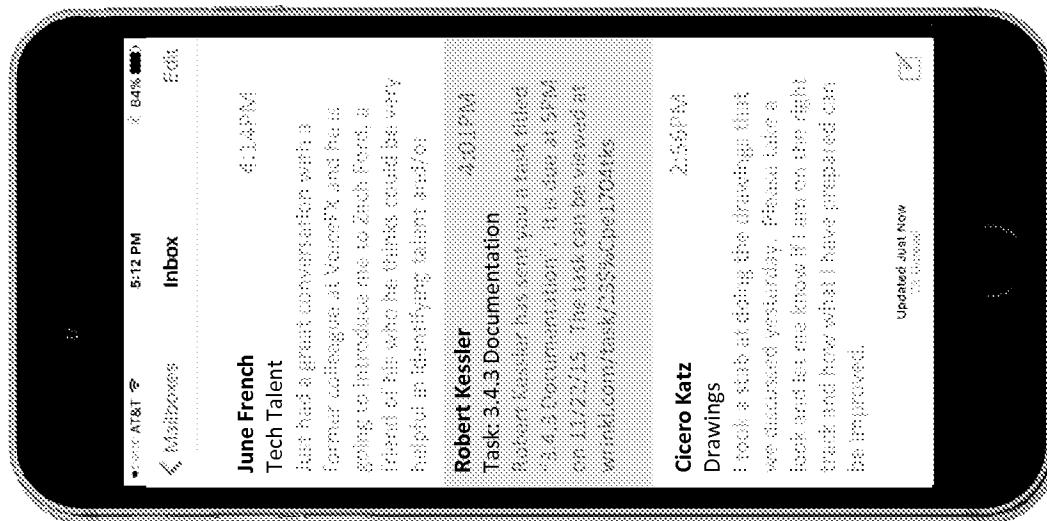


Figure 4L

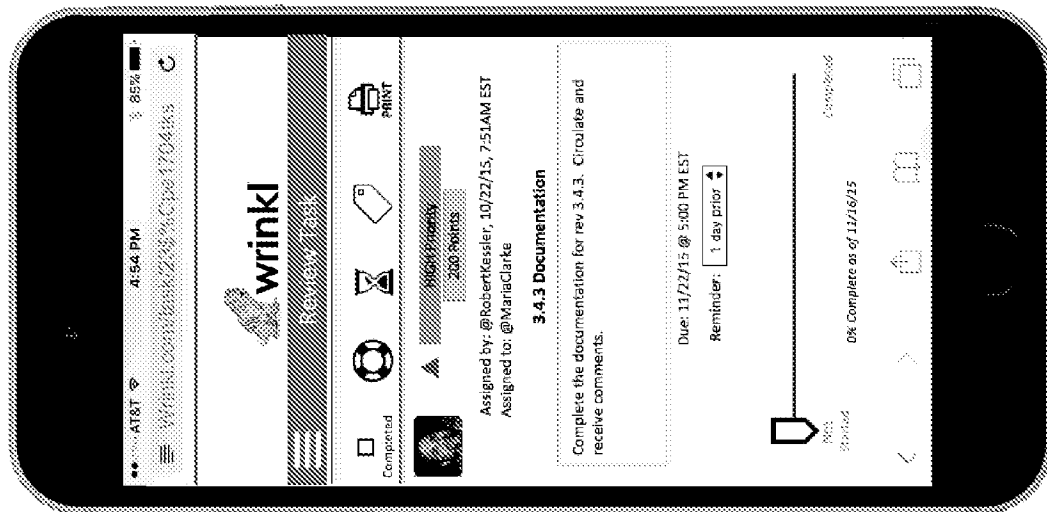


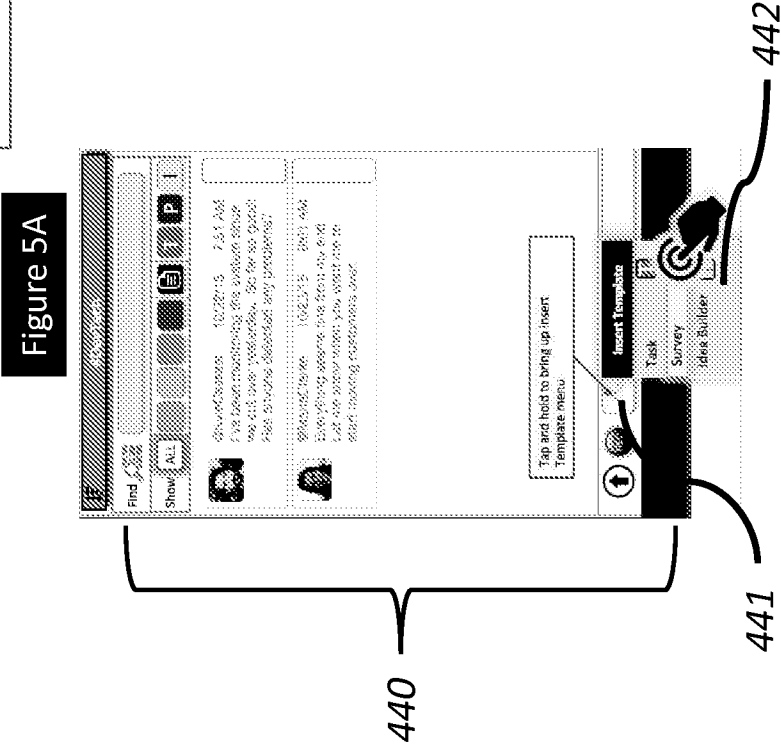
Figure 4J #604 Tasks Can Be Assigned to one or more Assignees. A Task can be Assigned to registered Wrinkl members but can also be Assigned to non-members. Non-Members being assigned a task will be notified by Wrinkl through [electronic] means such as email (ex. [Figure 4K](#)), or SMS] that a task is waiting. A link may be provided in the [email] notification directing the Non-Member to [click, tap or copy the link into a browser in order to view the task]. In addition to being notified that a task is waiting, the Non-Member may be informed – including but not limited to [who originated the task, the due date, priority of the task and possibly the date and time that the task was created]. If a Non-Member follows the link to Wrinkl, he/she will be able to view the task and update the status of the task ([Figure 4L](#)). The link will remain active until [the Task due date has been reached]. [All] of the functionality of the Task form will be available to the non-member. Updates to the task by the non-member will be made available to the Task Originator.

Chat is traditionally characterized as a back and forth dialog or conversation between and among a group of individuals. Chat communications are displayed as a list of messages displayed in sequential or chronological order.

Today's chat lacks the ability to organize the contents of messages in a meaningful and actionable way.

While a user can certainly pose questions to his/her chat group, the responses will come back in an unstructured and disorganized way. Some folks will respond immediately to the questions while others may wait a day or so to respond. Some respondents may respond with a simple "yes" or "no" while others may respond with in depth thoughts and comments. Some folks may not respond at all. By using chat as the means to pose his/her questions, the question originator is accepting the fact that the responses will come over time and in various formats and will be scattered among and between all of the various other messages that will have been sent and received by the group. Chat is not an ideal way to collect organized and structured responses to questions or surveys. Similarly, tasks and assignments can be sent via chat, but by choosing to use Chat as the means to assign a task, the Assignor's ability to track the assignment and the Assignee's (or Assignees') ability to prioritize and manage the assignment is suboptimal. There are many other examples of types of daily activity that are currently being handled using chat as the means of communication. Chat is an excellent and engaging way for people to communicate and interact but there is a need to turn the barrage of messages into a structured form and into actionable data. There is a further need to be able to compare responses quickly and on a like basis. Through the use of action specific templates, (or through the use of algorithms or Artificial Intelligence ("AI") to infer or determine the context and intended meaning or purpose of a statement, assignment, message or query), and a simple and intuitive interface, this invention does just that.

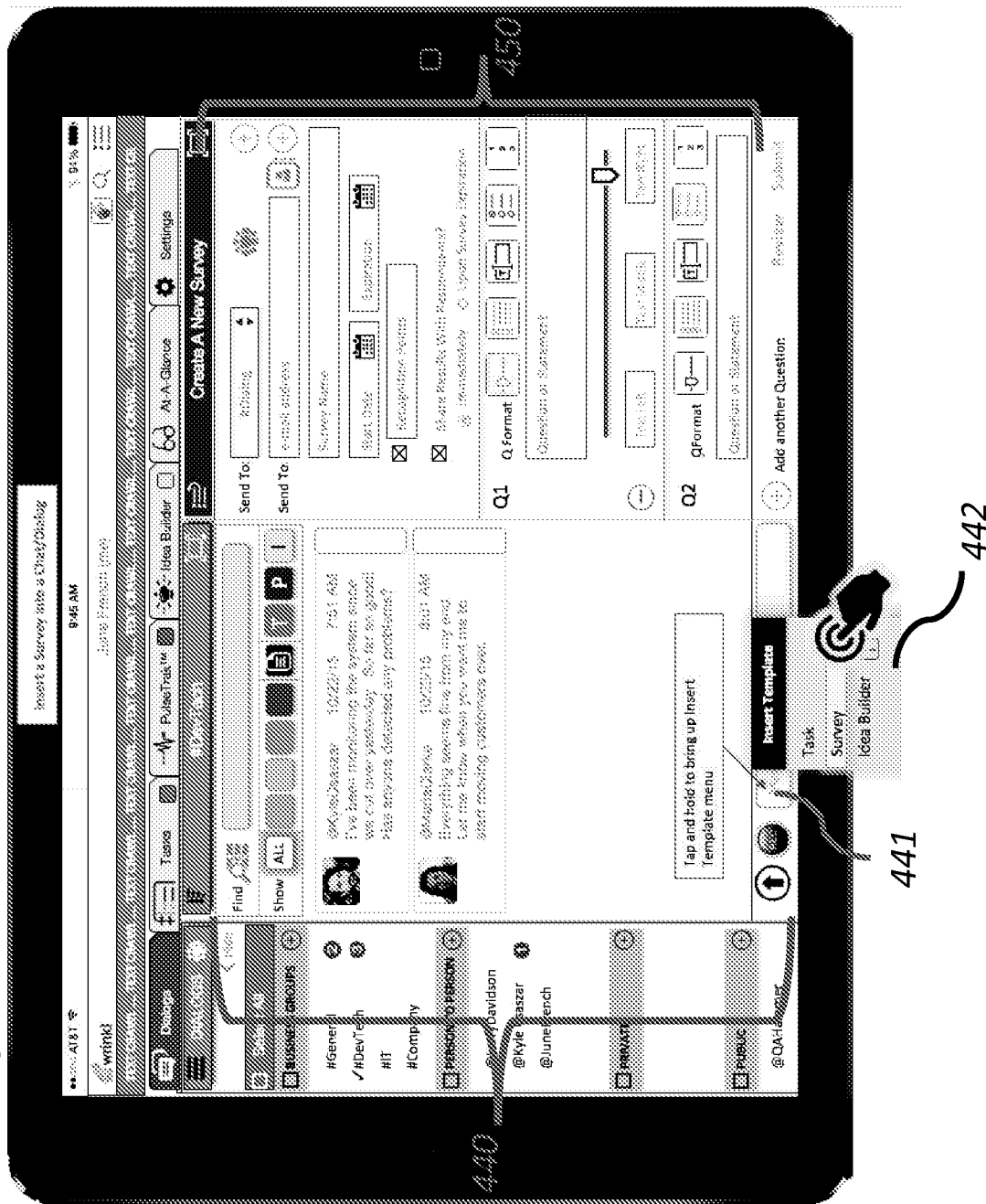
PulseTrak Survey Template



- 440** Typical Chat window. Messages are posted/displayed. Identifying information such as the sender's photo, name (or alias) along with perhaps the date and/or time the message was sent or received. User messages are typically displayed in the order that they are received.
- 441** The message or text entry box. Users type a message and press "Send" to post their comment or message to the Group chat.
- 442** The "Insert Template" pull-down menu (or otherwise displayed and Template options revealed). Three examples of templates are shown (Task, Survey and Idea Builder) but many additional templates based on specific actions can be built and or customized but the Company, the user or third parties – i.e., Third Party Plugins)

When a user chooses to insert a template into a Dialog (or in an alternative implementation of the invention, if the context or intention of the statement, question or assignment is inferred or predicated by the invention), a structured form appears that can be “filled-out” by the user. Through the use of structured templates and embedded messages, Chats/Dialogs, are made to be significantly more functional, organized and actionable.

Figure 5B



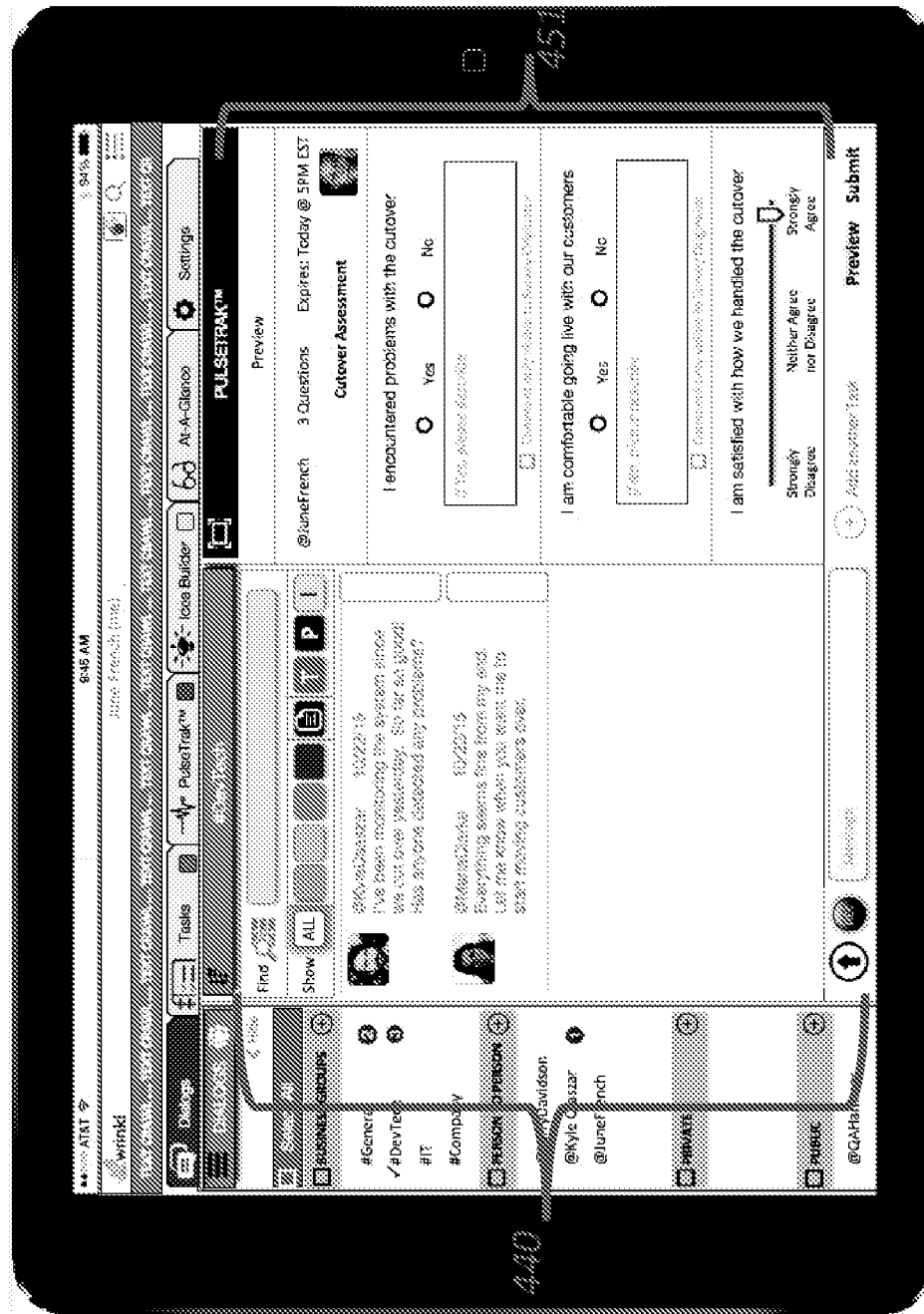
440 Typical Chat window. Messages are posted/displayed. Identifying information such as the sender's photo, name (or alias) along with perhaps the date and/or time the message was sent or received. User messages are typically displayed in the order that they are received.

441 The message or text entry box. Users type a message and press “Send” to post their comment or message to the Group chat.

442 The “Insert Template” pull-down menu (or otherwise displayed and Template options revealed) Three examples of templates are shown (Task, Survey and Idea Builder) but many additional templates based on specific actions can be built and or customized but the Company, the user or third parties – i.e., Third Party Plugins)

450 Survey Form Template

Figure 5C

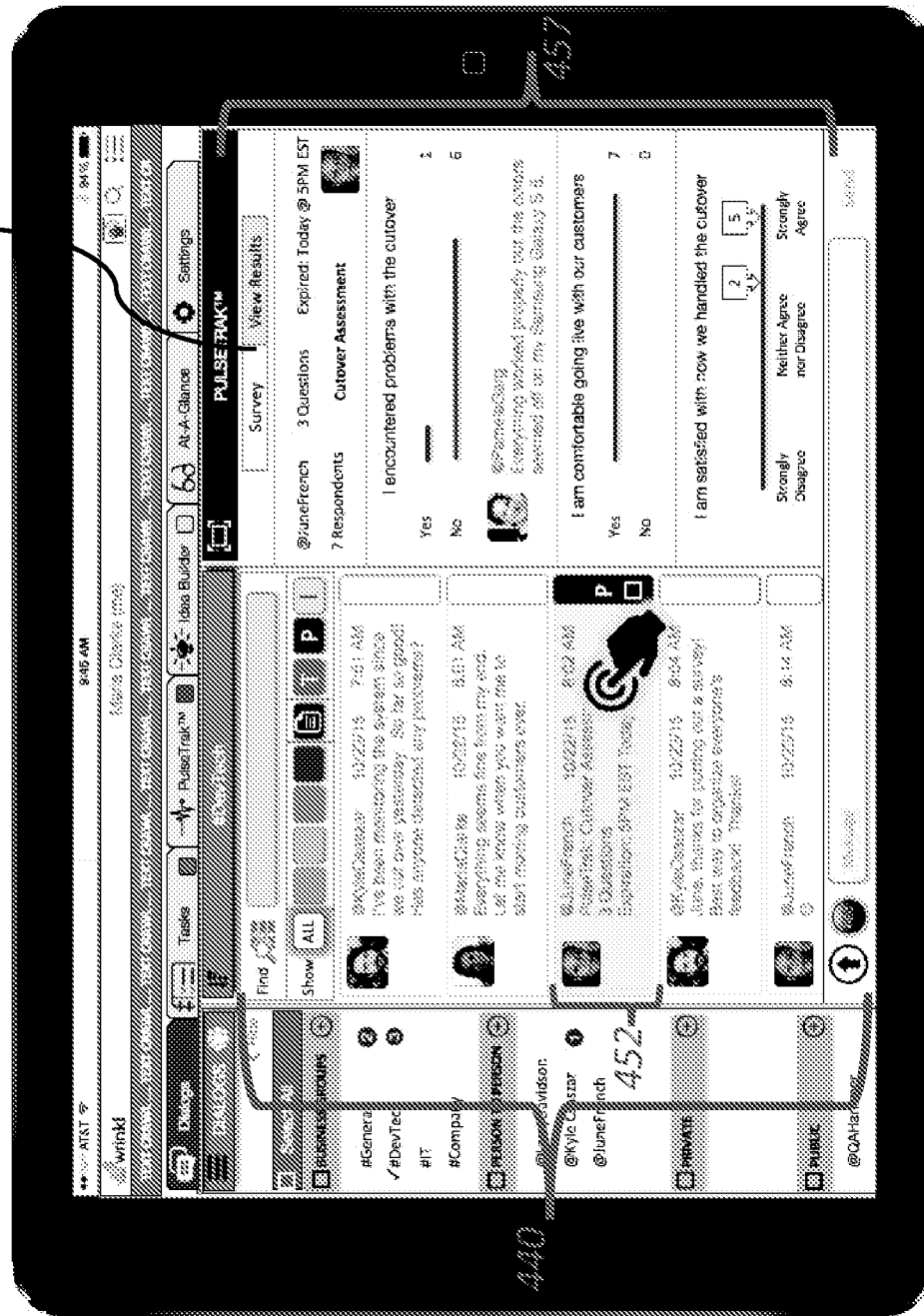


440 Typical Chat window. Messages are posted/displayed. Identifying information such as the sender's photo, name (or alias) along with perhaps the date and/or time the message was sent or received. User messages are typically displayed in the order that they are received.

451 Once the form has been completed the user may elect to Preview the Survey before Submitting it.

Figure 5D

456



440 Typical Chat window. Messages are posted/displayed. Identifying information such as the sender's photo, name (or alias) along with perhaps the date and/or time the message was sent or received. User messages are typically displayed in the order that they are received.

452 PulseTrak™ Survey Object. The submitted survey is embedded and is displayed in the Chat conversation just as a traditional chat message would, however the embedded "message" is a structured "object" and can be acted upon. PulseTrak™ Survey "Objects" are automatically [color] tagged (indexed)

456 By [tapping] on a Survey Object (#452), the program presents the user with the option to Take a Survey View Survey Results (#457).

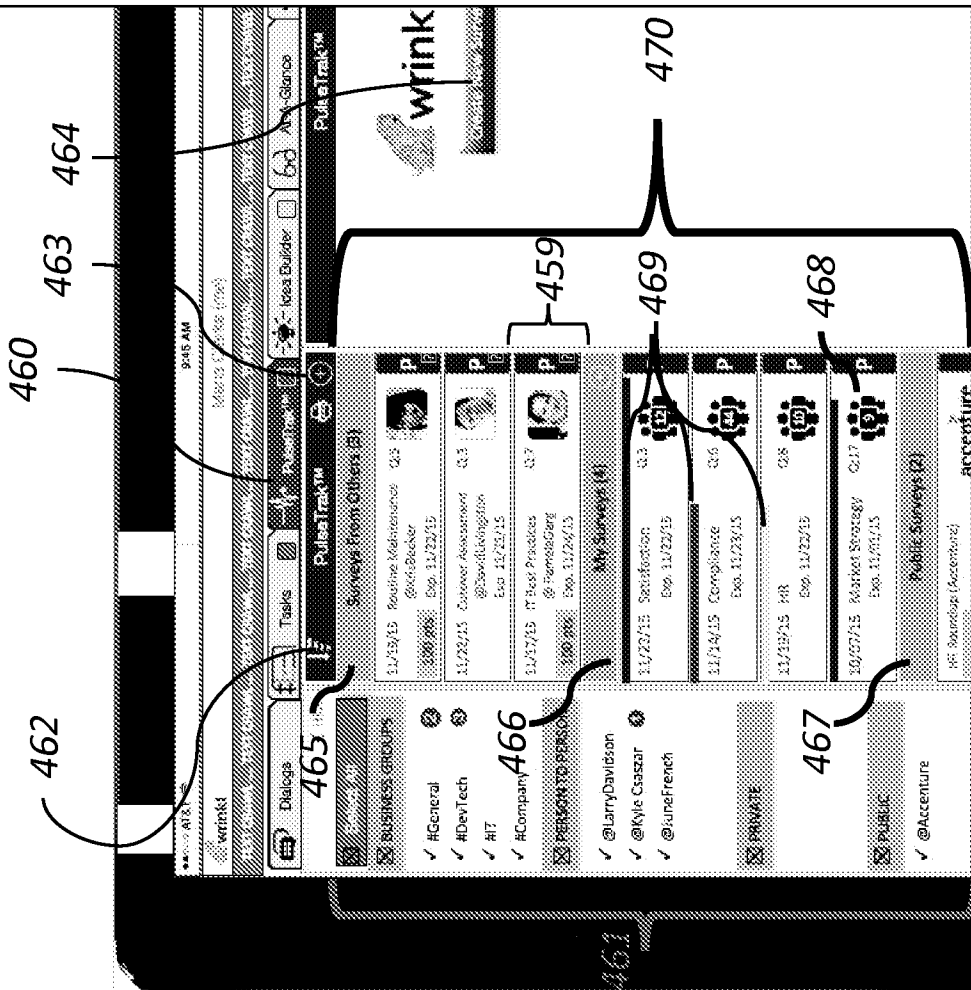
457 View PulseTrak™ survey results.

Figure 5E



Note: The sliders all in one place on this screen, not only provide the User with a quick snapshot of all of their outstanding surveys but also creates an urgency for responding to surveys not completed/due soon

Figure 5E



Note: The sliders all in one place on this screen, not only provide the User with a quick snapshot of all of their outstanding surveys but also creates an urgency for responding to surveys not completed/due soon

459 The submitted survey is embedded and is displayed in the Chat conversation just as a traditional chat message would, however the embedded “message” is a structured “object” and can be acted upon.

460 PulseTrak™ (surveys) Tab. By selecting this Surveys [tab] a predefined sort takes place and the user is presented with a list of “just” PulseTrak™ survey objects/messages.

461 The User selects which Dialog or Dialogs to include in the PulseTrak™ survey Search results. Only surveys relating to selected [checked] Dialogs will appear in the survey list.

462 The user has the ability to sort the PulseTrak™ Survey List by (#470), for example, survey originator, survey start date, end date, number of questions, recognition points, completed/uncompleted surveys, etc.

463 “+” Icon. One of several ways that a user can add an additional new survey.

464 Create New Survey button. One of several ways that a user can add an additional new PulseTrak™ Survey..

465, 466 and 467 By default, PulseTrak™ Survey Lists are displayed in groups (this default setting can be modified by the user). The default groups are “Surveys From Others” (#465) – these are surveys sent to “me” by “known” others; “My Surveys” – survey’s I’ve created (#466) and “Public Surveys” – these are surveys accepted by me or originated by me to “Public” or “social” users. Users have the ability to turn on or turn off Public surveys and can further set parameters such as (but not limited to) the type of surveys the user is willing to accept, the estimated time to complete a survey, the max/min number of acceptable questions and minimum compensation for accepting and responding to a [Public] survey.

468 A “group” icon with a number overlaid is displayed to indicate the total number of targeted Respondents.

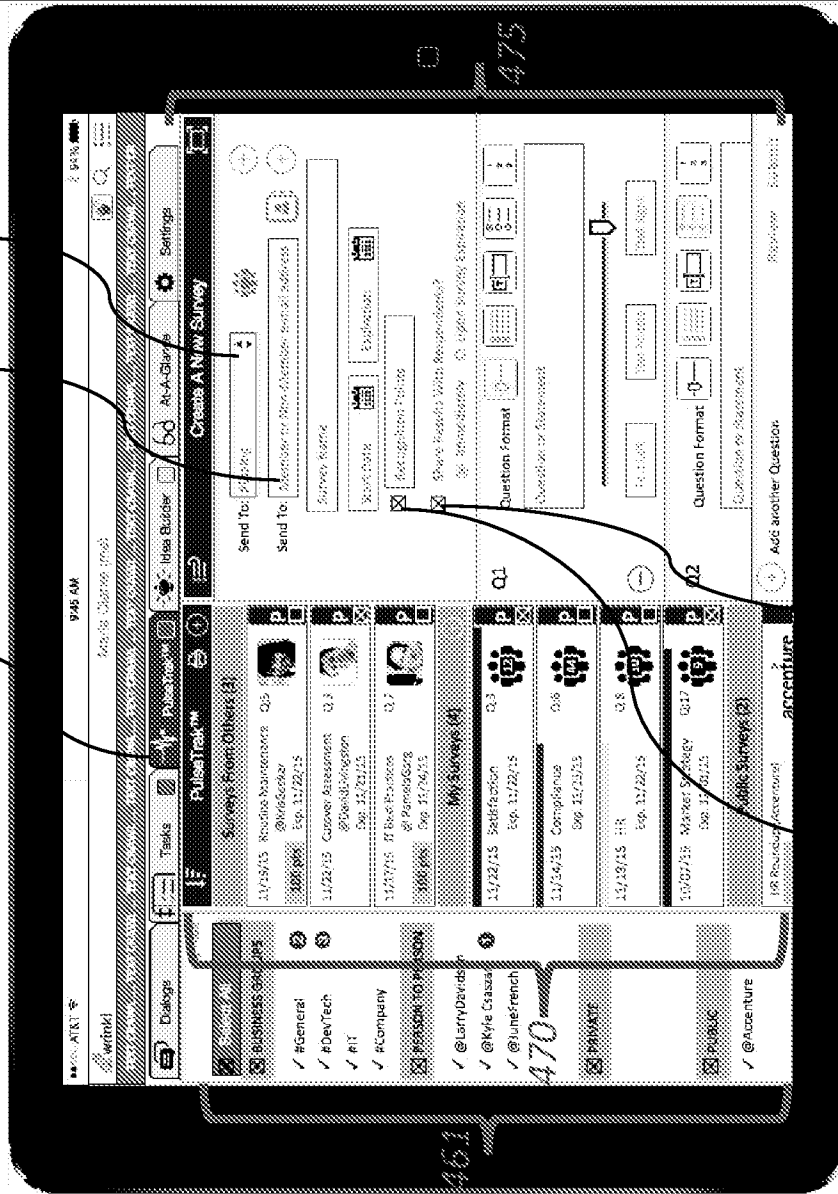
469 A status bar is displayed in the survey object to give the survey originator a visible indication as to – Length indicates how many people out of the total targeted group have completed the survey; and b) Color indicates proximity to the survey expiration date. Red indicates the survey expiration date has been reached or has passed. Yellow means the survey date is 24 hours away and green indicates that the expiration date is more than 24 hours away. (These default parameters can be modified by the user.)

470 List of Surveys. This is the PulseTrak™ Survey List that is displayed that meets the search criteria. When selecting the PulseTrak [tab] (#460) the search criteria automatically includes all messages/objects that are tagged as 'PulseTrak™'. The search is further refined to include surveys that are included in the Dialog or Dialogs that are selected [checked] (#461)

Figure 5F

460

006 005



007

008

Figure 5B shows how a user can create and embed a PulseTrak™ survey template directly into a Dialog or conversation. This **Figure 5F** shows how a user can use another approach to create and embed a survey from the PulseTrak™ [Tab] (#460)

005 User can associate the new survey to a Dialog or more than one Dialog.

006 User can send the survey to additional Members or Non-Members.

007 User can choose to make the survey results available to Respondents. If the Survey originator determines to make the survey available to respondents then the survey originator must choose whether to make the results available to a respondent immediately after the respondent takes the survey or only once the survey has expiration date and time has been passed.

008 User can reward survey participants with Recognition Points or other compensation.

461 The User selects which Dialog or Dialogs to include in the PulseTrak™ Search results. Only Surveys relating to selected [checked] Dialogs will appear in the Survey list (#470)

470 List of Surveys. This is the PulseTrak™ Survey List that is displayed that meets the search criteria. When selecting the PulseTrak [tab] (#460) the search criteria automatically includes all messages/objects that are tagged as "PulseTrak™". The search is further refined to include tasks that are included in the Dialog or Dialogs that are selected [checked] (#461)

475 Survey Form Template

PulseTrak™

9:45 AM 94% [Icons]

11/19/15 11/24/15 12/01/15 12/08/15 12/15/15 12/22/15 12/29/15 01/05/16

WRNK 11/19/15 11/24/15 12/01/15 12/08/15 12/15/15 12/22/15 12/29/15 01/05/16

Diagrams **Tasks** **Idea Builder** **Settings**

PulseTrak™ **View PulseTrak™ Survey Results**

Summary **By Respondent** **By Question**

Survey Satisfaction **All Respondents**

Q1 I feel inspired to meet goals at work? **Q2** I believe the company's culture encourages teamwork and cooperation. **Q3** If I could change one thing about the company it would be... **Q4** If I could choose one thing that I believe would improve my productivity the most it would be... **Q5** I feel appreciated and recognized for my effort and accomplishments.

Question	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
Q1	1	2	6	2	2
Q2	0	2	7	1	2
Q3	1	2	2	6	1
Q4	1	2	2	6	1
Q5	1	2	2	6	1

Legend: Strongly Disagree, Disagree, Neither Agree nor Disagree, Agree, Strongly Agree

Surveys From Others (3)

- 11/19/15 Radio Maintenance Q1
@KrisBender Exp: 11/22/15
- 11/24/15 Review Assessment Q3
@DavidLivingston Exp: 11/21/15
- 12/17/15 IT Best Practices Q7
@ITmanagers Exp: 11/24/15

My Surveys (4)

- 11/22/15 Satisfaction Q3
Exp: 11/22/15
- 11/24/15 Competence Q8
Exp: 11/23/15
- 12/29/15 HR Q8
Exp: 11/22/15
- 10/07/15 Market Strategy Q17
Exp: 11/01/15

Public Surveys (2)

- HR Recruiting (Ascenture) 2

ascenture

480

Figure 5H

Figure 5H display how the user can view survey results organized by Respondent

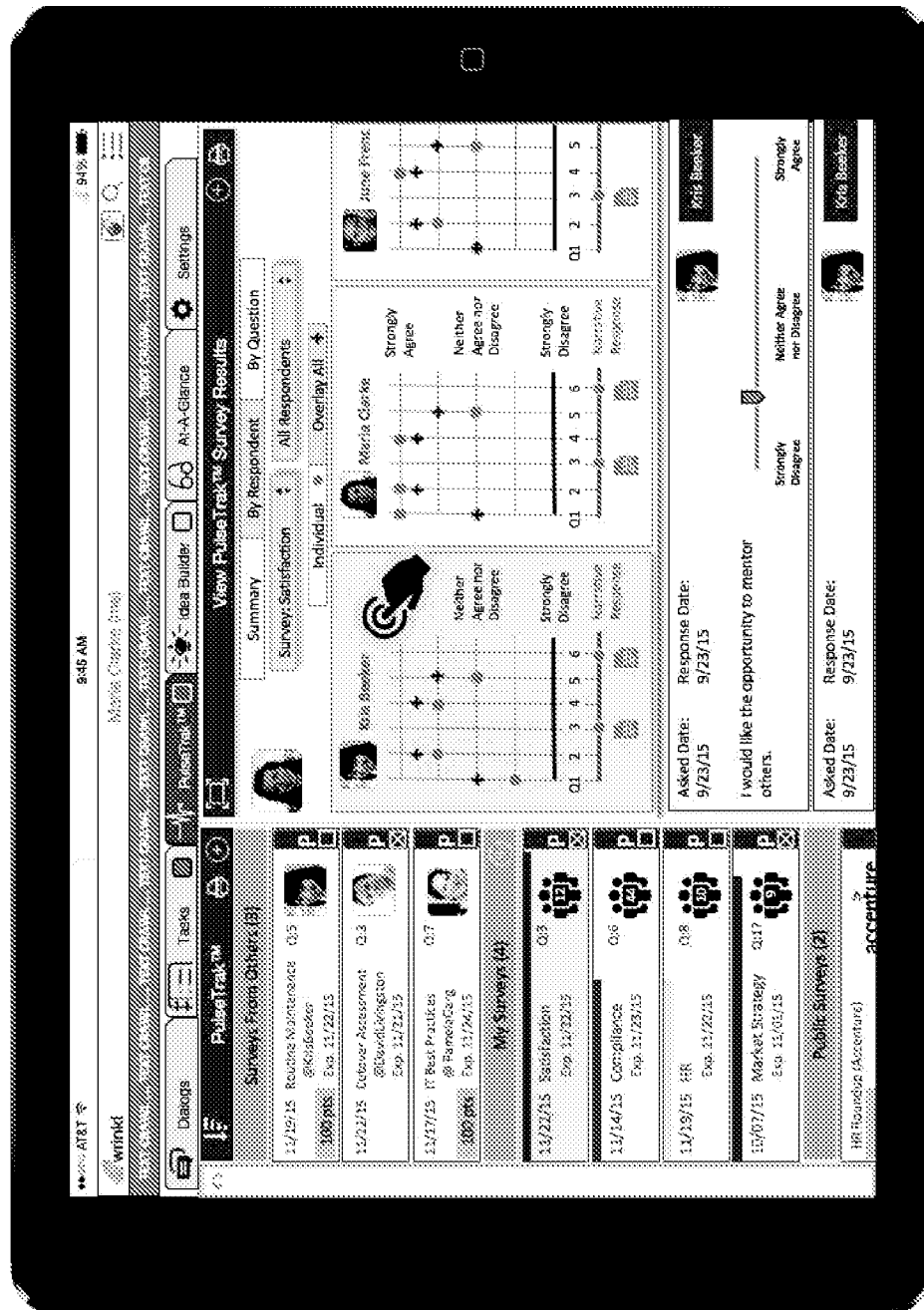


Figure 5I (number 5, letter "I")

Figure 5I is for reference and shows additional functionality relating to the View Survey Results by Respondent Screen

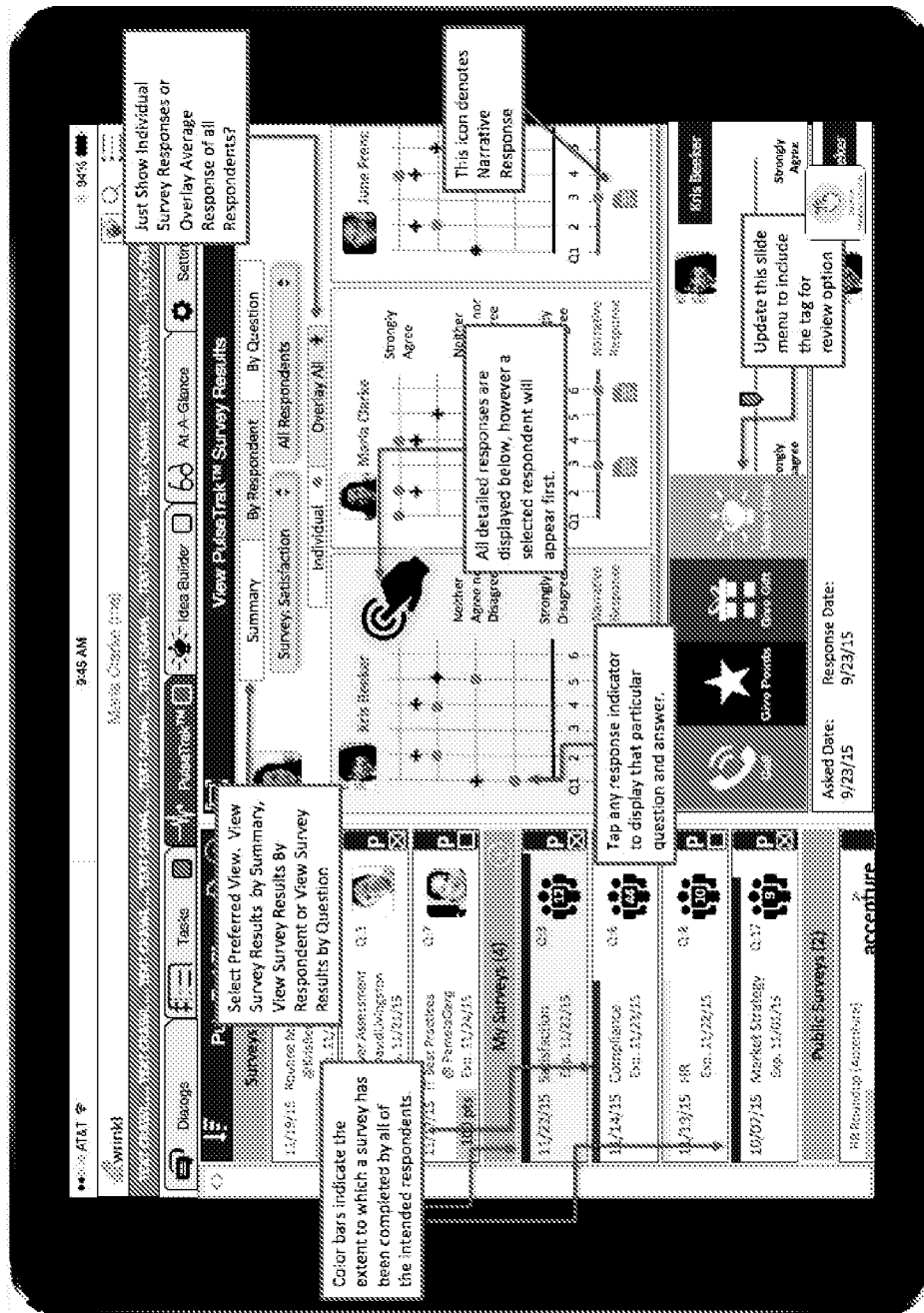


Figure 5J shows how the user can view survey results organized by Questions. This view calls quick visual attention to the differences between respondents' answers to a question.

Figure 5J

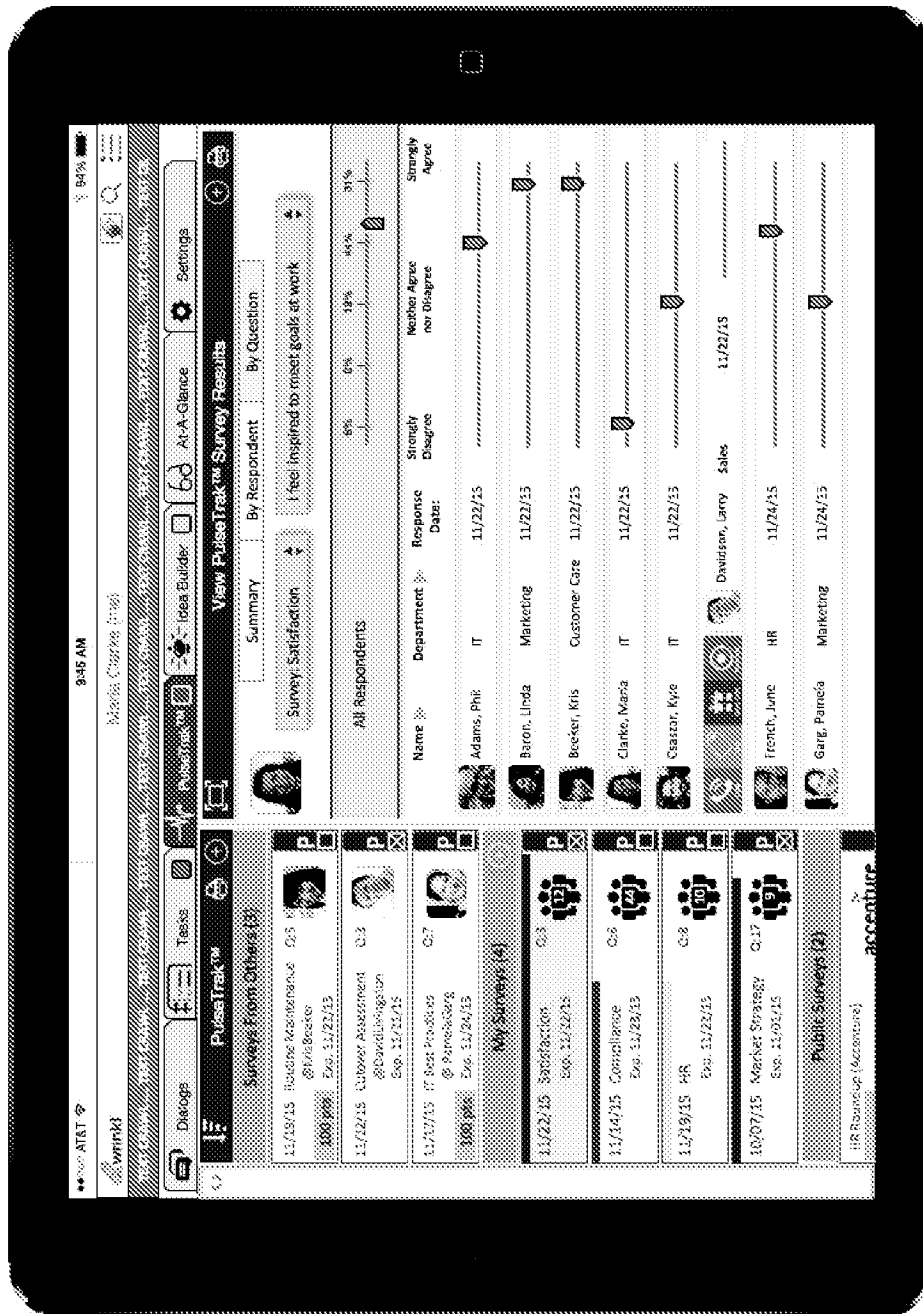


Figure 5K

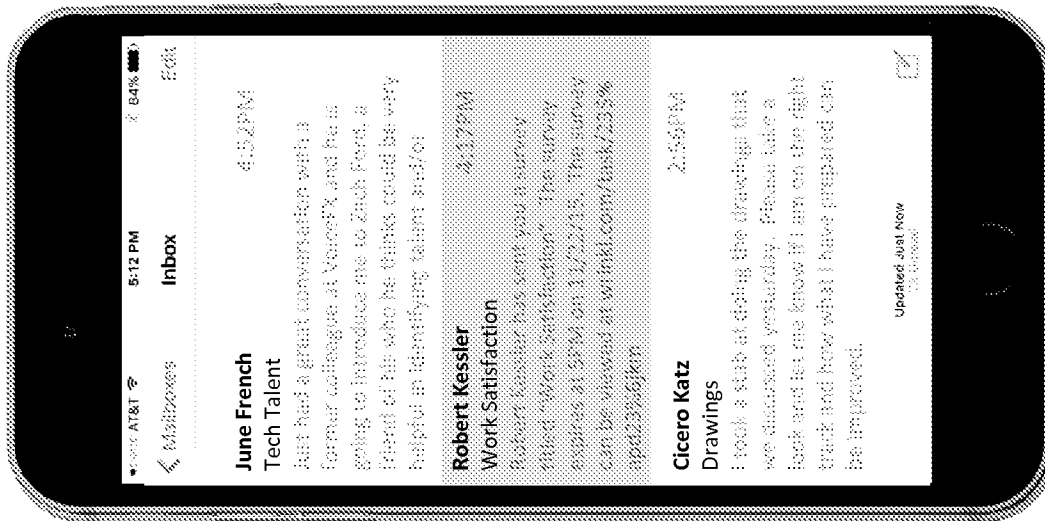
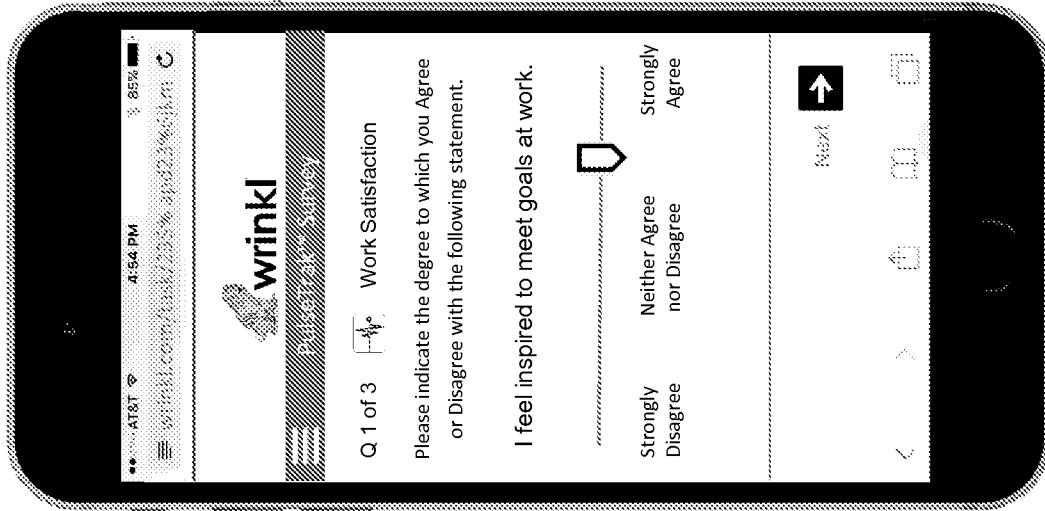


Figure 5L



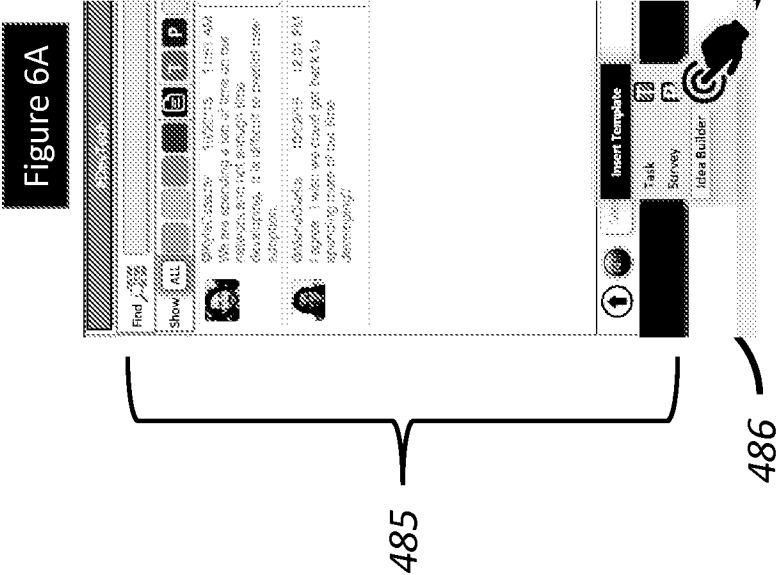
Surveys can Be Assigned to one or more Assignees. A survey can be presented to registered Wrinkl members but can also be presented to non-members. Non-Members being presented with a survey will be notified by Wrinkl through [electronic] transmissions such as email (ex. *Figure 5K*), or SMS] that a task is waiting. A link may be provided in the [email] notification directing the Non-Member to [click, tap or copy the link into a browser in order to view/participate in the survey]. In addition to being notified that a survey is waiting, the Non-Member may be informed – including but not limited to [who originated the survey, the expiration date]. If a Non-Member follows the link to the survey, he/she will be able to view the survey and respond to the questions (*Figure 5L*). The link will remain active until [the survey expiration date has been reached]. [All] of the functionality of the survey form will be available to the non-member. Responses to the survey by the non-member will be made available to the Survey Originator and authorized Members.

Chat is traditionally characterized as a back and forth dialog or conversation between and among a group of individuals. Chat communications are displayed as a list of messages displayed in sequential or chronological order.

Today's chat lacks the ability to organize the contents of messages in a meaningful and actionable way.

While a user can certainly pose questions to his/her chat group, the responses will come back in an unstructured and disorganized way. Some folks will respond immediately to the questions while others may wait a day or so to respond. Some respondents may respond with a simple "yes" or "no" while others may respond with in depth thoughts and comments. Some folks may not respond at all. By using chat as the means to pose his/her questions, the question originator is accepting the fact that the responses will come over time and in various formats and will be scattered among and between all of the various other messages that will have been sent and received by the group. Chat is not an ideal way to collect organized and structured responses to questions or surveys. Similarly, tasks and assignments can be sent via chat, but by choosing to use Chat as the means to assign a task, the Assignor's ability to track the assignment and the Assignee's (or Assignees') ability to prioritize and manage the assignment is suboptimal. There are many other examples of types of daily activity that are currently being handled using chat as the means of communication. Chat is an excellent and engaging way for people to communicate and interact but there is a need to turn the barrage of messages into a structured form and into actionable data. There is a further need to be able to compare responses quickly and on a like basis. Through the use of action specific templates (or through the use of algorithms or Artificial Intelligence ("AI") to infer or determine the context and intended meaning or purpose of a statement, assignment, message or query), and a simple and intuitive interface, this invention does just that.

Idea Builder Template



485 Typical Chat window. Messages are posted/displayed. Identifying information such as the sender's photo, name (or alias) along with perhaps the date and/or time the message was sent or received. User messages are typically displayed in the order that they are received.

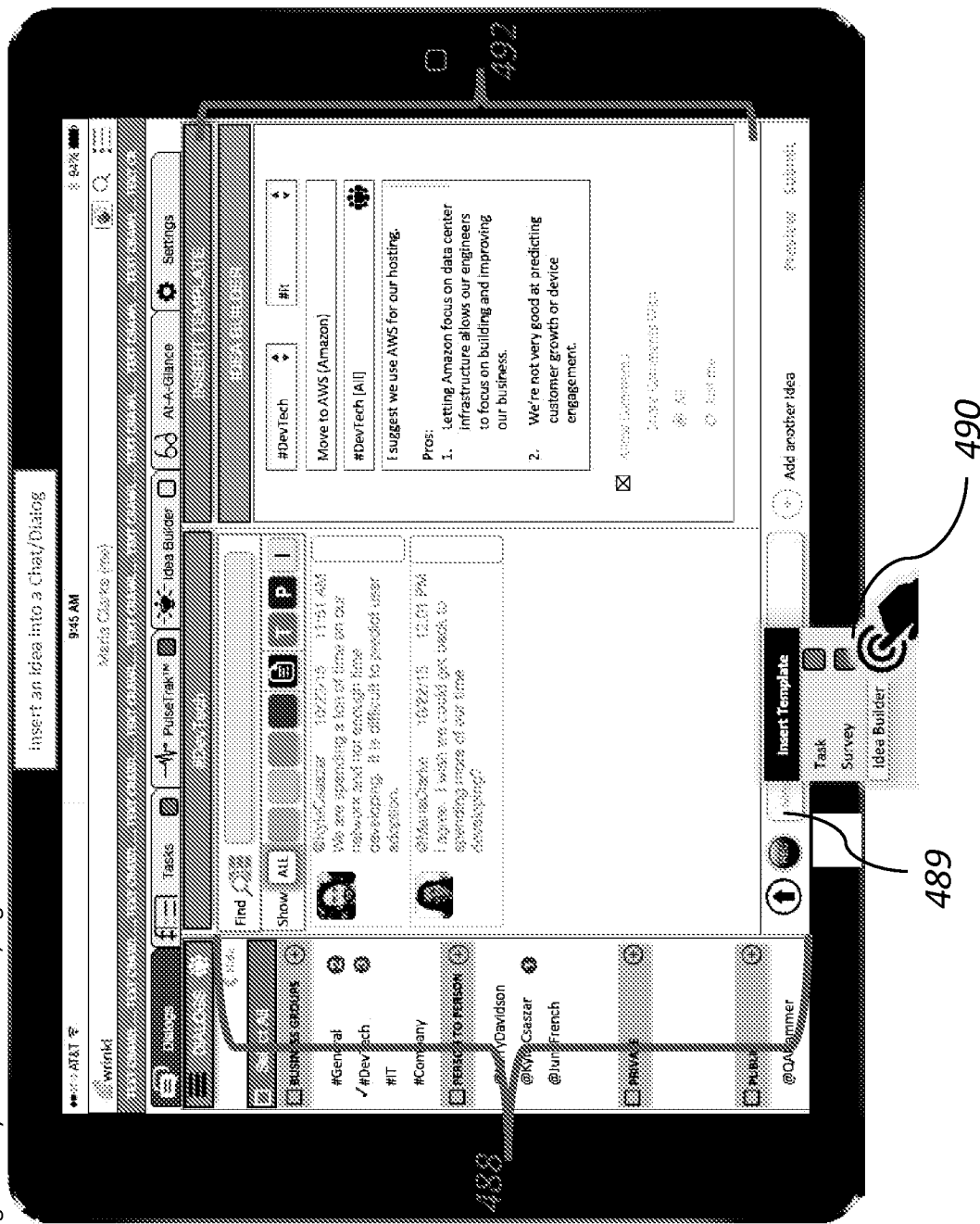
486 The message or text entry box. Users type a message and press "Send" to post their comment or message to the Group chat.

487 The "Insert Template" pull-down menu (or otherwise displayed and Template options revealed). Three examples of templates are shown (Task, Survey and Idea Builder) but many additional templates based on specific actions can be built and or customized but the Company, the user or third parties – i.e., Third Party Plugins)

When a user chooses to insert a template into a Dialog (or in an alternative implementation of the invention, if the context or intention of the statement, question or assignment is inferred or predicted by the invention), a structured form appears that can be “filled-out” by the user. Through the use of structured templates and embedded messages, Chats/Dialogs, are made to be significantly more functional, organized and actionable.

Figure 6B

Figure 6B Idea Builder Form Template



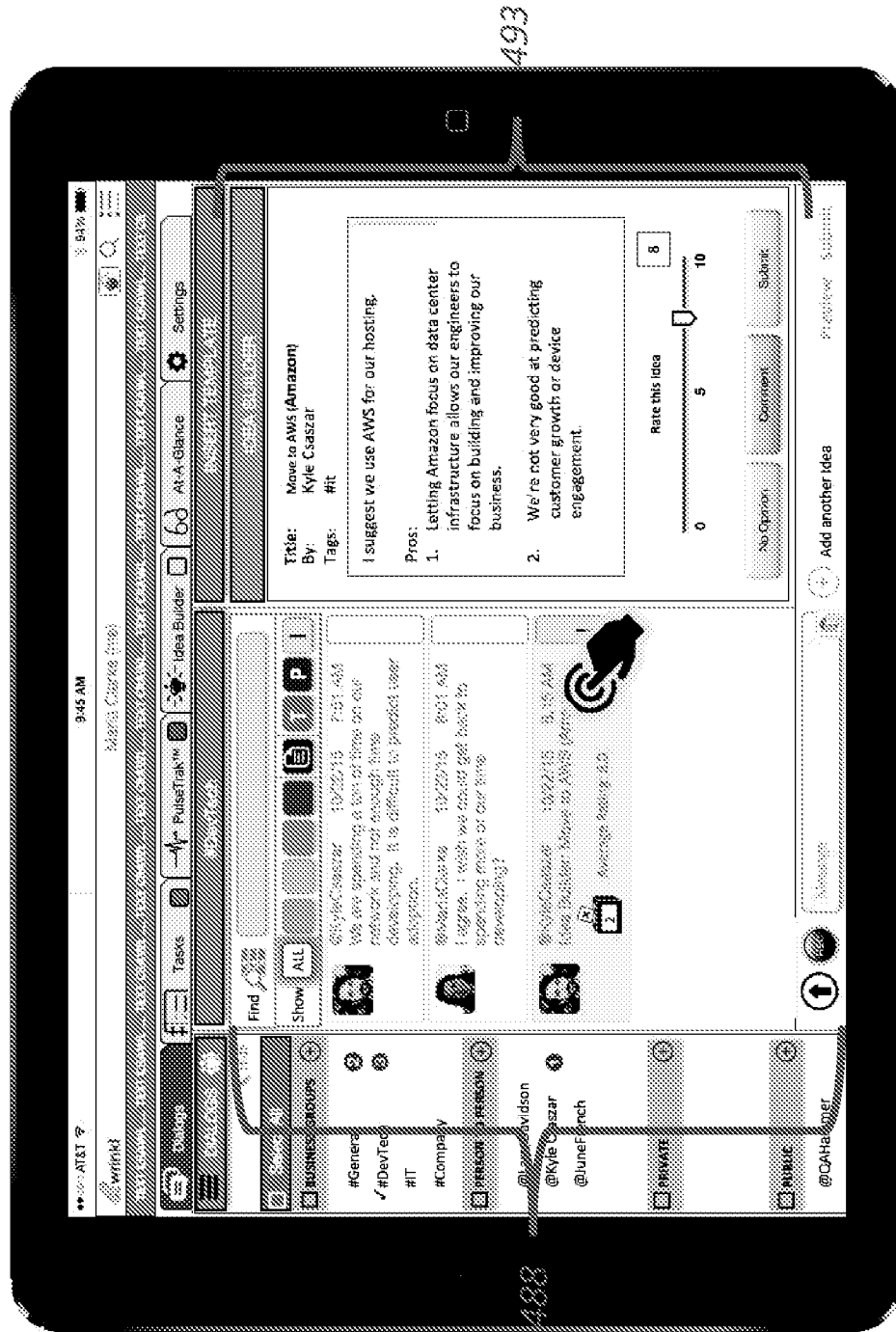
488 Typical Chat window. Messages are posted/displayed. Identifying information such as the sender's photo, name (or alias) along with perhaps the date and/or time the message was sent or received. User messages are typically displayed in the order that they are received.

489 The message or text entry box. Users type a message and press “Send” to post their comment or message to the Group chat.

490 The “Insert Template” pull-down menu (or otherwise displayed and Template options revealed). Three examples of templates are shown (Task, Survey and Idea Builder) but many additional templates based on specific actions can be built and or customized but the Company, the user or third parties – i.e., Third Party Plugins)

492 Idea Builder Form Template

Figure 6C



488 Typical Chat window. Messages are posted/displayed. Identifying information such as the sender's photo, name (or alias) along with perhaps the date and/or time the message was sent or received. User messages are typically displayed in the order that they are received.

493 Once the Idea Builder form has been completed the user may elect to preview the Idea Builder Form before Submitting it.

Figure 6D

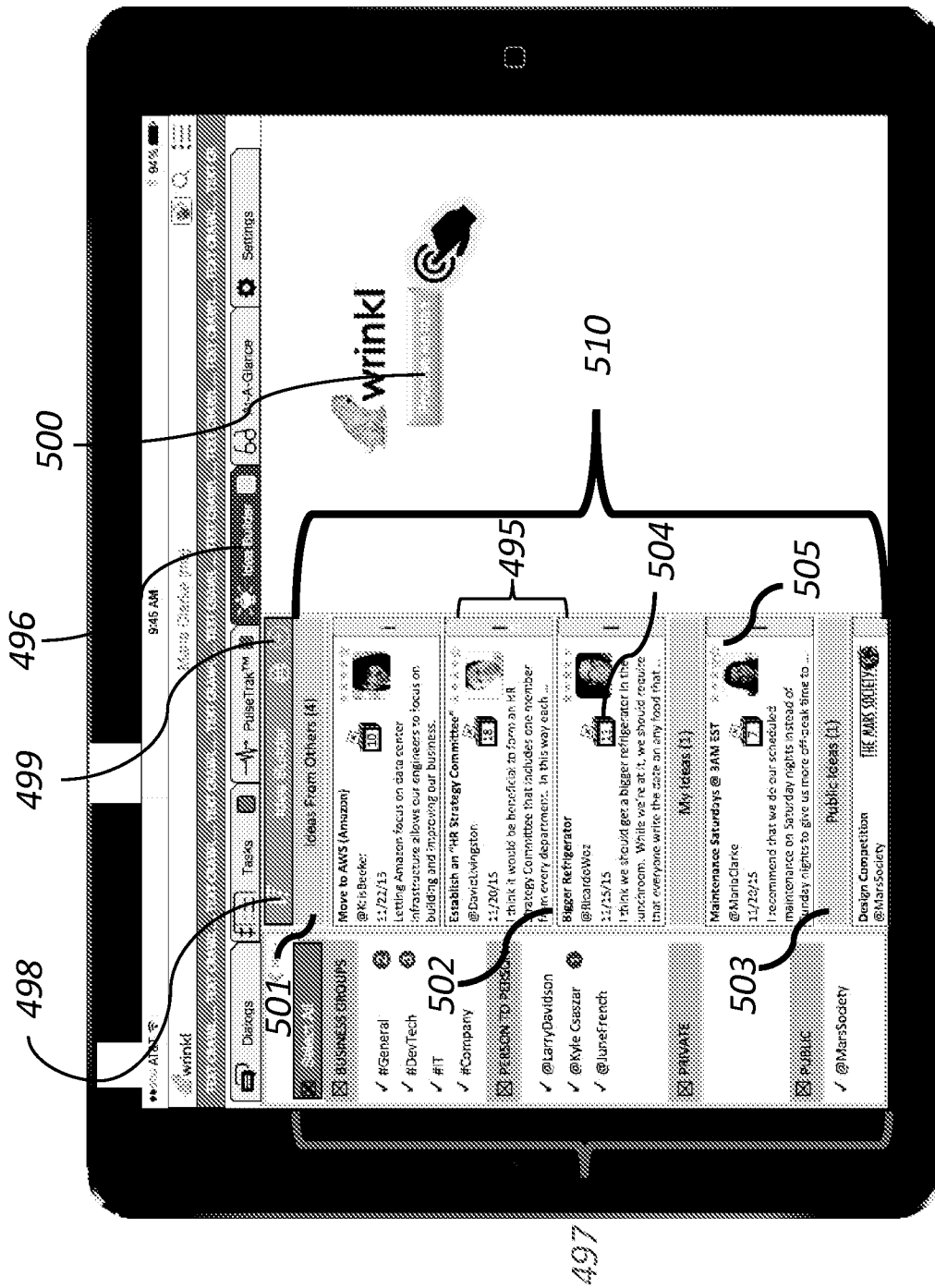
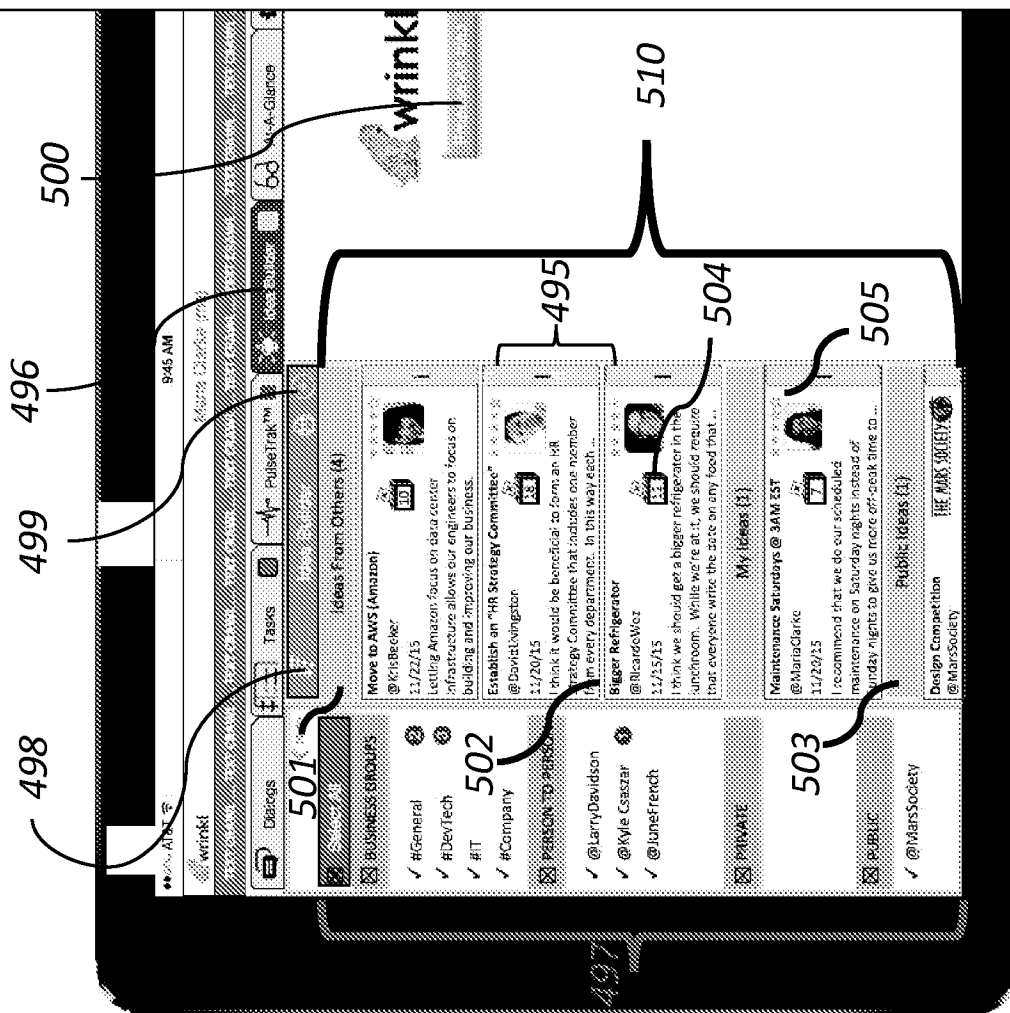


Figure 6D



495 The submitted Idea is embedded and is displayed in the Chat conversation just as a traditional chat message would, however the embedded "message" is a structured "object" and can be acted upon.

496 Idea Builder Tab. By selecting this Idea Builder [tab] a predefined sort takes place and the user is presented with a list of "just" Idea Builder objects/messages.

497 The User selects which Dialog or Dialogs to include in the Idea Builder Search results. Only Ideas relating to selected [checked] Dialogs will appear in the Idea Builder List.

498 The user has the ability to sort the Idea Builder List by (#510), for example, Idea originator, Idea Proposed date, User Ratings, number of votes, Dialogs, tags, etc.

499 "+" Icon. One of several ways that a user can add an additional new idea.

500 Create New Idea button. One of several ways that a user can add an additional new Idea.

501, 502 and 503 By default, Idea Builder Lists are displayed in groups (this default setting can be modified by the user). The default groups are "Ideas From Others" (#501) – these are Ideas sent to "me" by "known" others; "My Ideas" (#502) – Ideas I have created, and "Public Ideas" – these are Ideas accepted by me or originated by me to "Public" or "social" or "Unknown" users (#503). Users have the ability to turn on or turn off Public Ideas and can further set parameters such as (but not limited to) the Idea Originator, Company or affiliation, type of Ideas the user is willing to accept, and minimum compensation for accepting and responding to a [Public] Idea.

504 A "Ballot box" icon with a number overlaid is displayed to indicate the total number of Respondents.

505 The average score [0-5 stars in this example] of all votes is displayed above the Idea generator's picture (or other identifying element).

510 List of Idea Builder Objects/Messages. This is the Idea Builder Message List that is displayed that meets the search criteria. When selecting the Idea Builder [tab] (#496) the search criteria automatically includes all messages/objects that are tagged as "Idea Builder". The search is further refined to include Ideas that are included in the Dialog or Dialogs that are selected [checked] (#497)

Figure 6E

Figure 6E Idea Builder Tab Reference

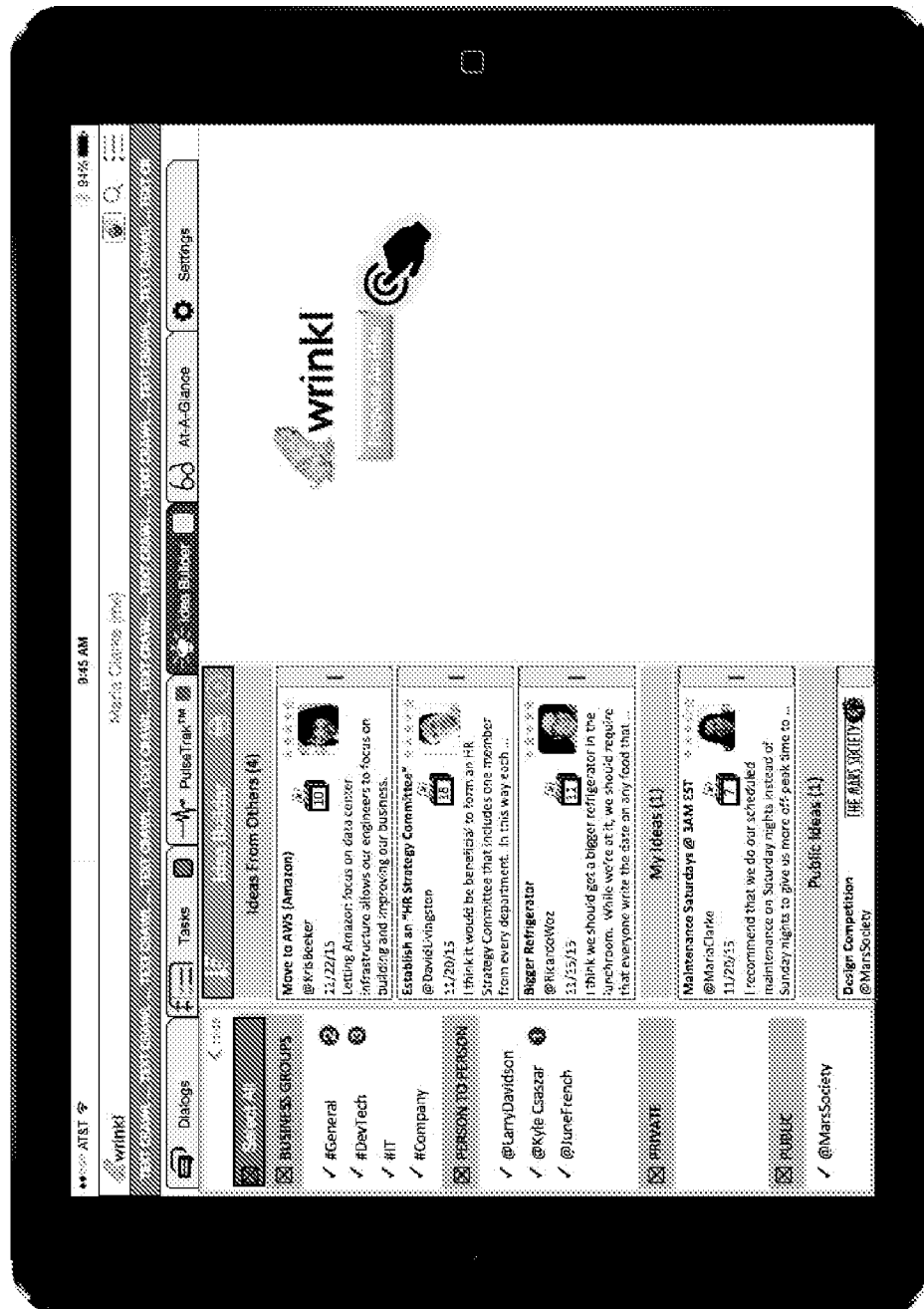


Figure 6F

Figure 6F Idea Builder Tab
Template Reference

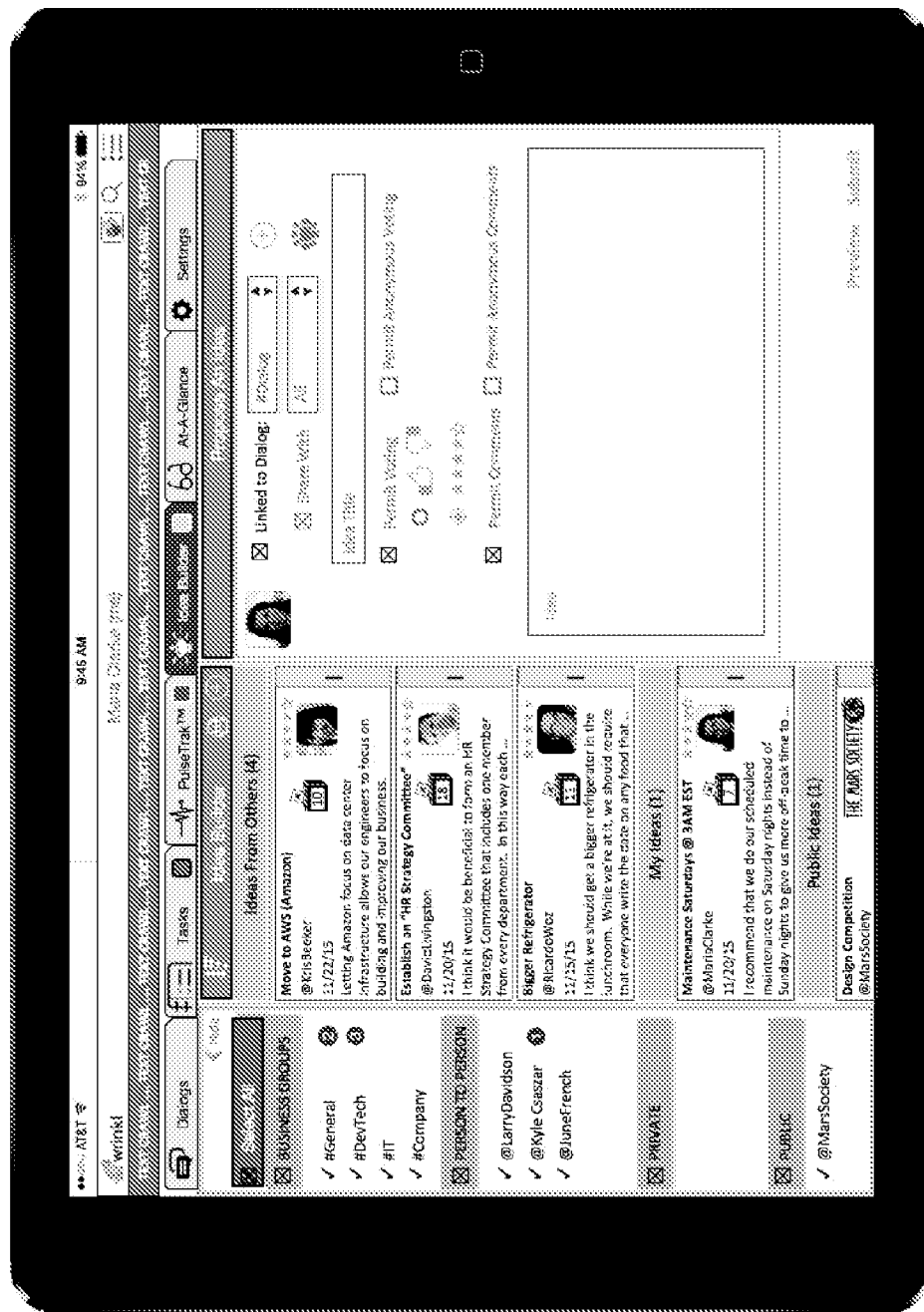


Figure 6G

Figure 6F Idea Builder Tab
Idea Review, Comment and/or Vote
Reference

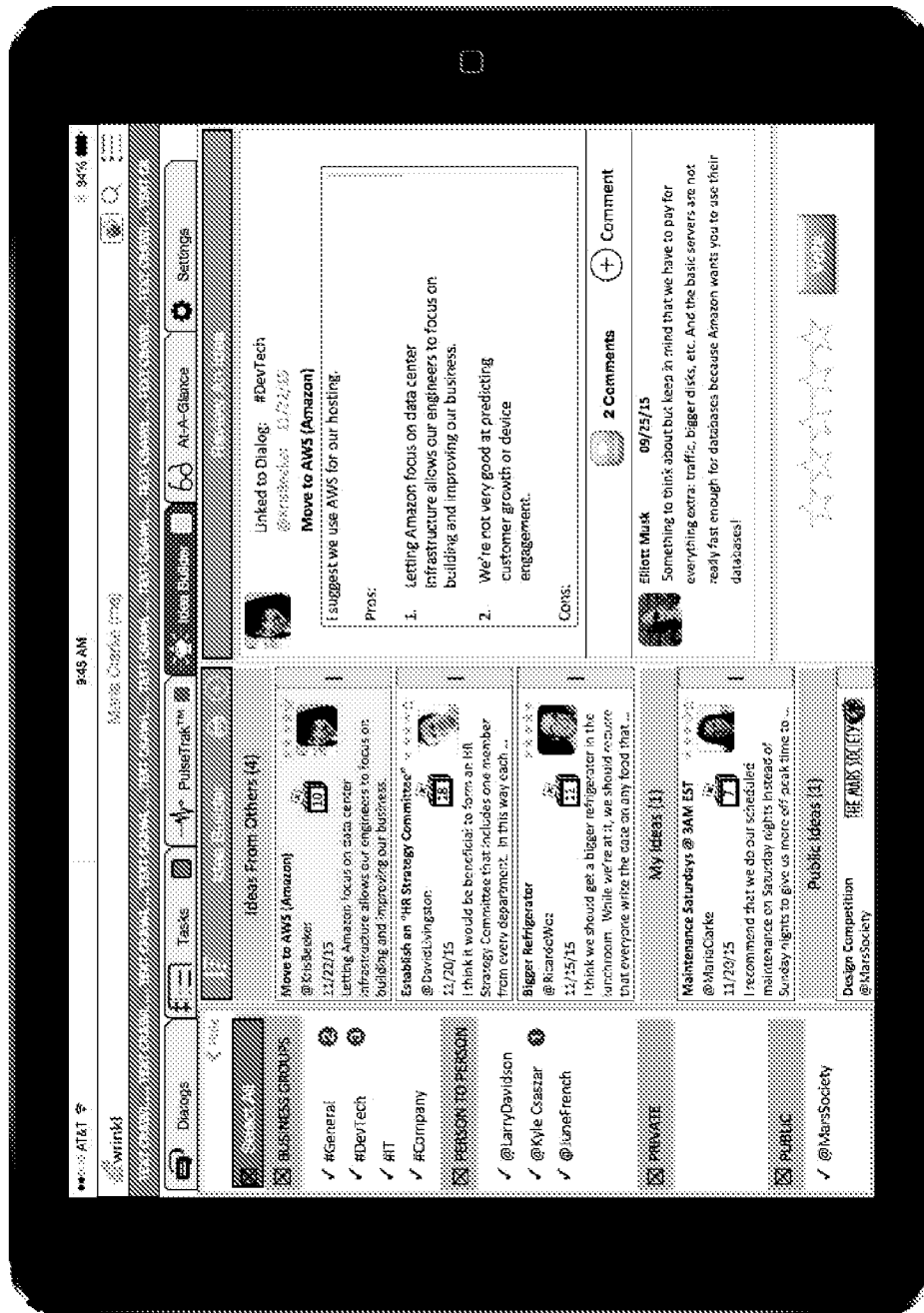


Figure 6H

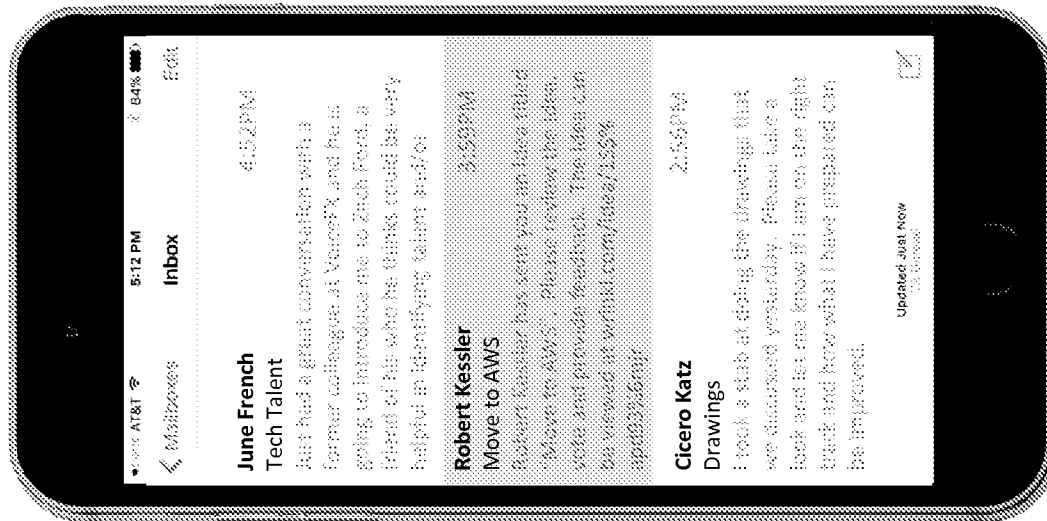
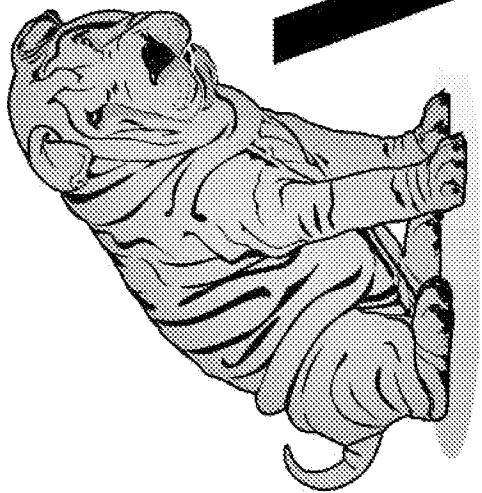


Figure 6J



Ideas can be proposed and circulated to one or more intended respondents. A idea can be presented to registered Wrinkl members but can also be presented to non-members. Non-Members being presented with an idea will be notified by Wrinkl through [electronic] means such as email (ex. Figure 6H), or SMS] that an idea is waiting. A link may be provided in the [email] notification directing the Non-Member to [click, tap or copy the link into a browser in order to view/comment and/or vote on an idea]. In addition to being notified that an idea is waiting, the Non-Member may be informed – including but not limited to [who originated the idea]. If a Non-Member follows the link to the idea, he/she will be able to view the idea, comment and vote on the idea (Figure 6J). The link will remain active until [determined]. All of the functionality of the Idea Builder form will be available to the non-member. Feedback on the idea by the non-member will be made available to the Idea Originator and authorized Members.



wrinklTM

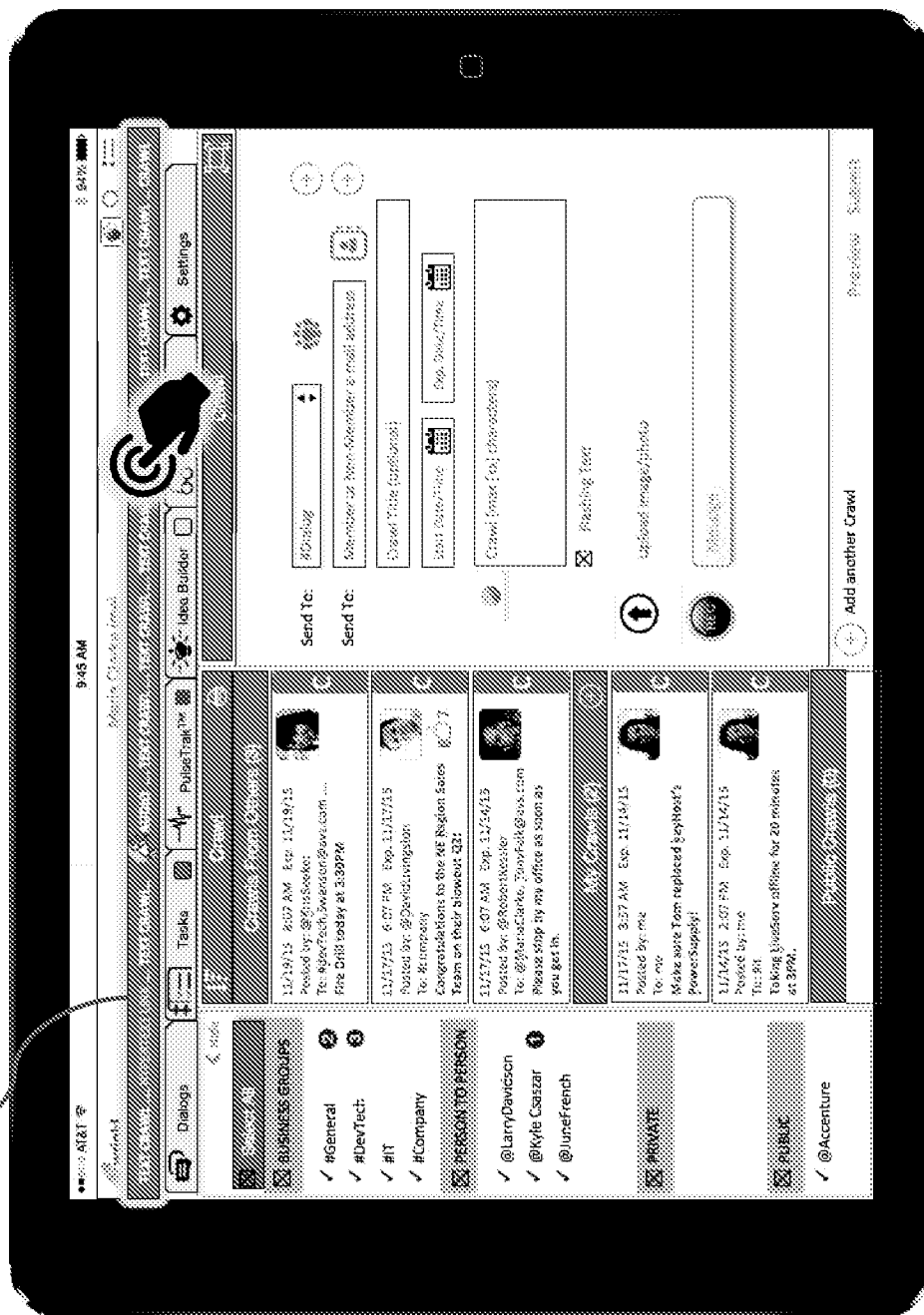
communication * support * engagement * innovation * recognition

Crawl



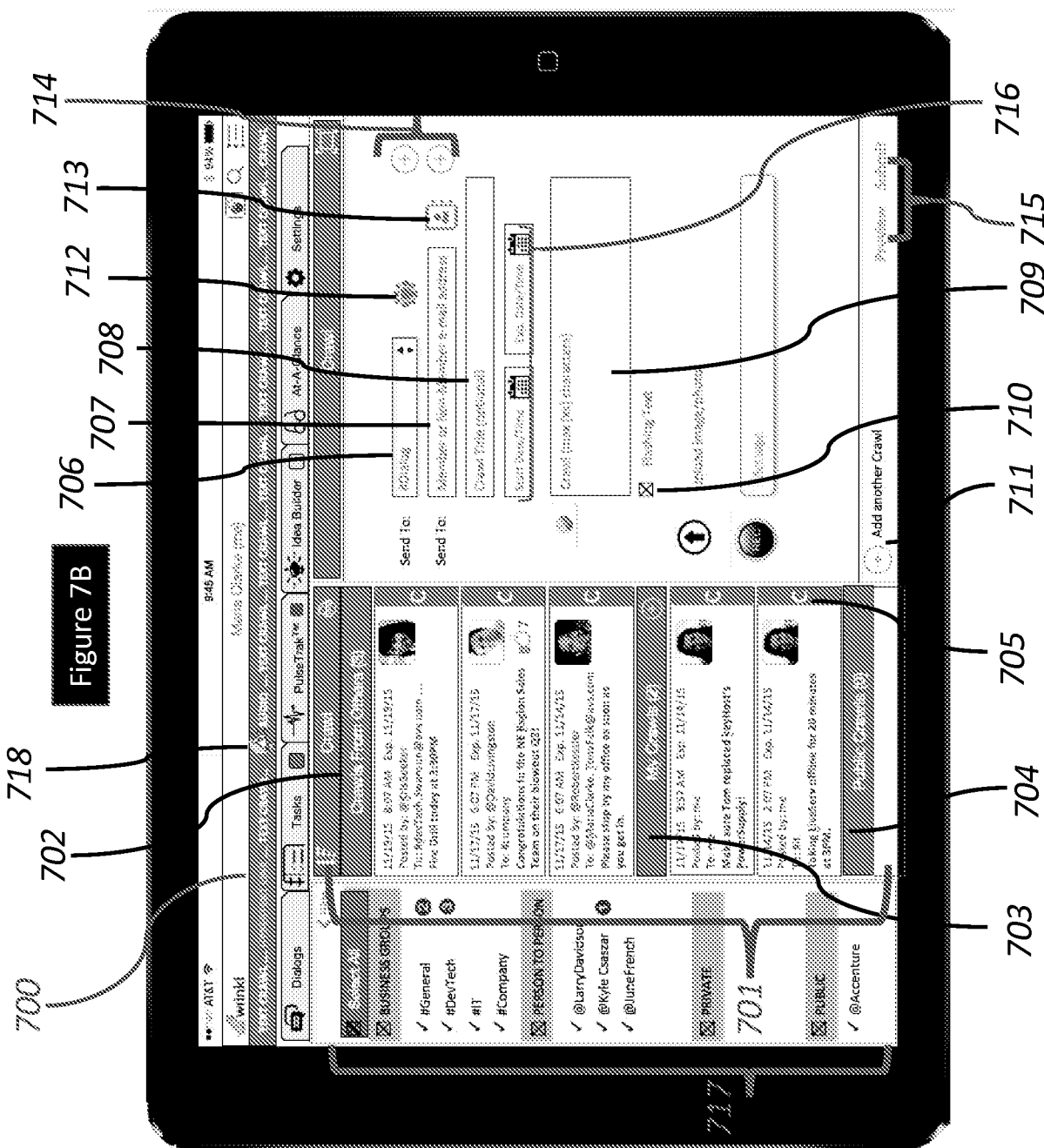
700

Figure 7A



Crawls may be created and sent to one or more intended recipients. Crawl messages may be created from within Winkl, another application or sent to/from a crawl enabled device via chat, email or other method. Crawls may contain text, graphics, sounds or recorded messages (or any combination thereof). Crawls are notable in that their placement, size and/or movement call elicit special attention or notice. Crawls can be generated as a result of a subscription, membership or affiliation (e.g., based on defined criteria and linked to a twitter account, feed or the like). Text crawls may also be automatically generated based upon certain criteria being met such as, for example, a location or proximity to a person, place, thing or an event, date or time. The crawl can be spawned by other third party applications as a result of a search being performed, an inquiry made or a purchase being made. A text crawl can be a reminder, an alert, a message, an advertisement, an award, a receipt, a ticket, or other indication. A hypertext or other link can be embedded in a text crawl. Users may have the option of defining the types and circumstances under which they will accept, view or have the text crawl visible to them. A text crawl may be accompanied by a sound or vibration. The text crawl may or may not have movement and may move from left to right or right to left or diagonally or up and down or back and forth or any combination of movement. The text crawl may be able to be enlarged, shrunken, hidden, tagged, named, saved, deleted, forwarded, edited, remain a static size, random size or variable. The text and or graphics can appear in any color or combination of colors. Associated sounds can be varied depending upon the context and/or content and/or originator of the crawl.

By [tapping] on the crawl [bar] or selecting the crawl by another method more information relating to the crawl may be revealed and [acted] upon. For example enlarged, deleted, tagged, replied to, given a "thumbs up", forwarded.



700 Crawl Bar. This example shows the Crawl at the top of the screen, with text/graphics flowing – moving – from right to left although the size and placement of the Crawl can vary. Crawls may contain text, graphics, sounds or recorded messages (or any combination thereof). Crawls are notable in that their placement, size and/or movement call elicit special attention or notice. The text crawl may or may not have movement and may move from left to right or right to left or diagonally or up and down or back and forth or any combination of movement. The text crawl may be able to be enlarged, shrunken, hidden, tagged, named, saved, deleted, forwarded, edited, remain a static size, random size or variable. The text and or graphics can appear in any color or combination of colors. Associated sounds can be varied depending upon the context and/or content and/or originator of the crawl.

701 Crawl List. This is the historic Crawl List that is displayed that meets the search criteria. When tapping the Crawl Bar (or other means) (#470) the search criteria automatically includes all messages/objects that are tagged as “Crawl”. The search is further refined to include Crawls that are included in the Dialog or Dialogs that are selected [checked] (#717)

702, 703 and 704 By default, the Crawl List is displayed in groups (this default setting can be modified by the user). The default groups are “Crawls From Others” (#702) – these are crawls sent to “me” by “known” others; “My Crawls” – crawls I’ve sent (#703) and “Public Crawls” – these are crawls subscriber to, accepted by me or originated by me to “Public” or “social” or “Unknown” users. Users have the ability to turn on or turn off Public crawls and can further set parameters such as (but not limited to) the type of crawls the user is willing to accept.

705 Crawl “Objects” are automatically [color] tagged (indexed)

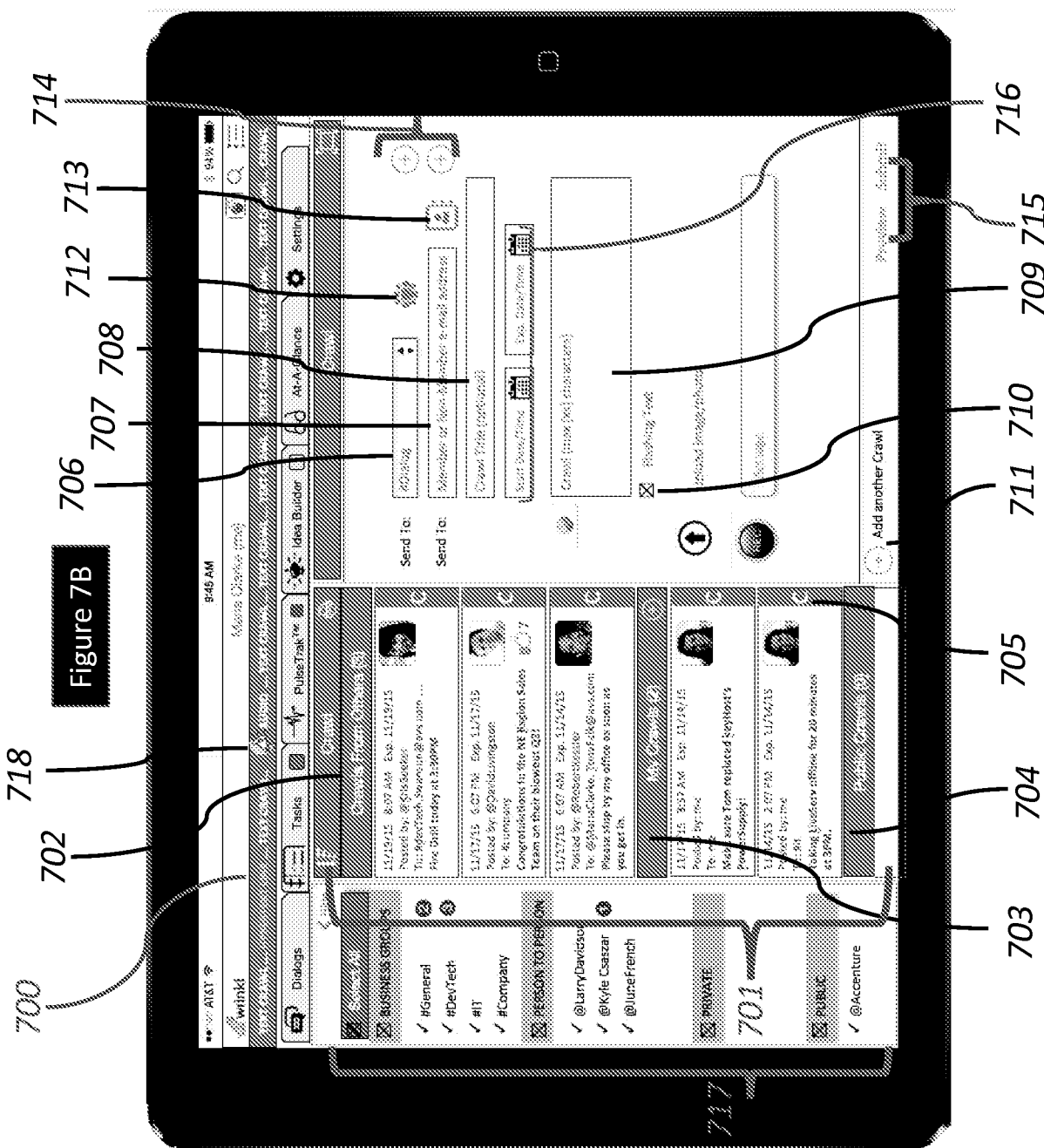


Figure 7B

706 Crawls can be linked to and embedded in a single dialog or more than one dialog.

707 Crawls can be sent to one or more recipients. A Crawl can be sent to registered Wrinkl members but can also be sent to non-members. Non-Members being sent a crawl must have a suitable "Crawl reader" application installed or accessible or the non-registered recipient may receive notice of the crawl through an alternative means such as email (ex. Figure 4K), or SMS] that a crawl is waiting. A link may be provided in the [email] notification directing the Non-Member to [click, tap or copy the link into a browser in order to view the task]. In addition to being notified that a task is waiting, if the email or chat software the recipient is using is so equipped, the crawl message may be displayed from within the recipients email or chat service. If a Non-Member follows the link to Wrinkl, he/she will be able to view the crawl and act on the crawl to the extent an action is permissible.

As the User (the creator of a crawl) types in the name of the intended Assignee, Wrinkl will suggest possible contact matches. The names suggested are names that are known to and stored by Wrinkl as a result of the Users previous interaction via Wrinkl with the contact.

Alternately the Assignee contact information (e.g., email address) may be presented as a result of Wrinkl having access to the User's Contacts (e.g., Outlook, Google Contacts, MacMail, etc.).

708 The creator of the crawl message may have the option to name the crawl message.

709 The text of the crawl is entered (e.g., typed, written) here. The color of the text may be selected and can vary from character to character.

710 The Crawl originator may choose to have the text flash.

711 Add another Crawl

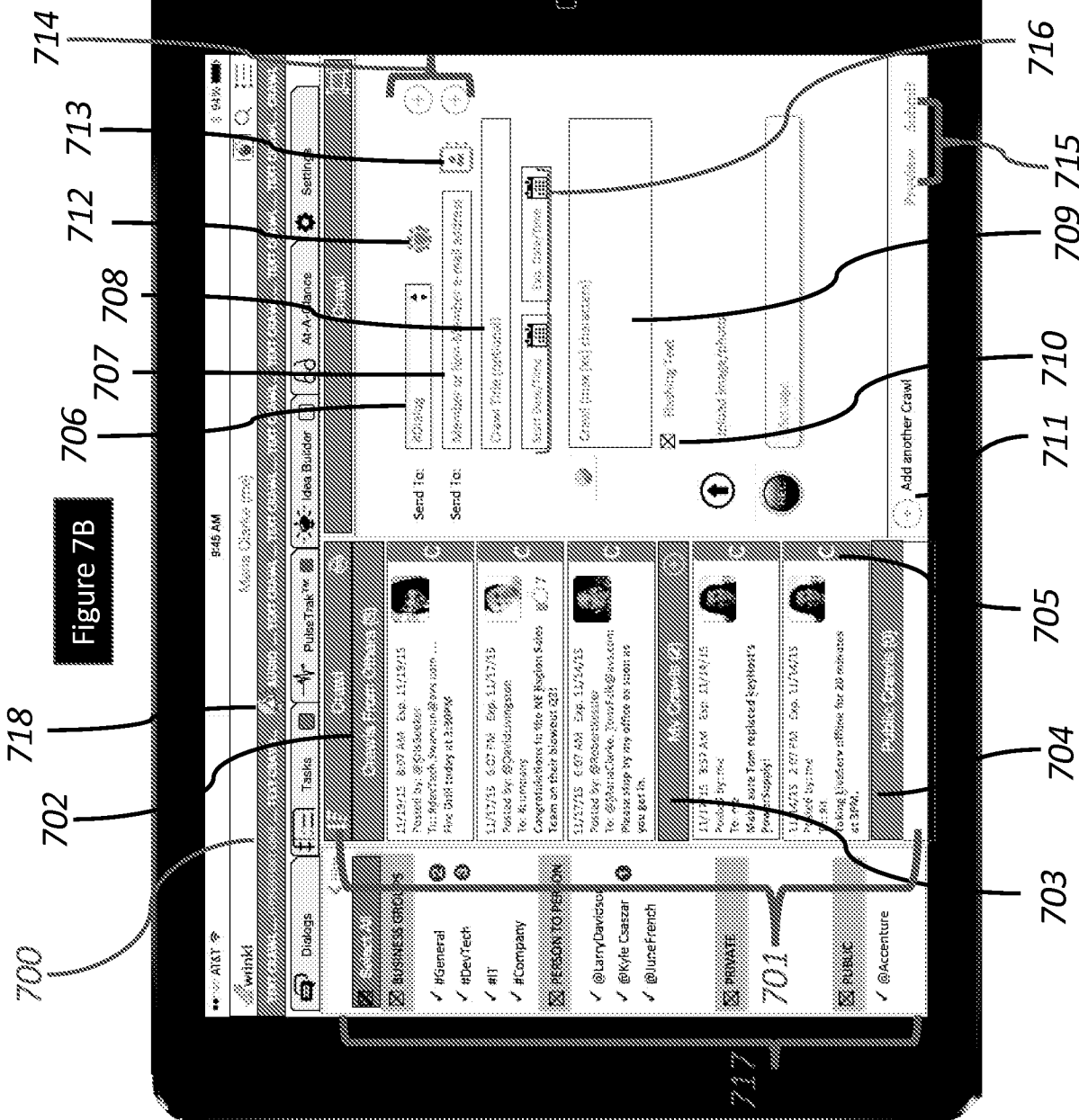


Figure 7B

712 [Tapping] this icon reveals all of the dialog's participants. The user may elect to select or unselect certain Dialogs participants to include or limit who is sent the crawl.

713 Contact Book Icon. By [tapping] on this icon a list of contacts is displayed from which crawl recipients may be selected.

714 The user has the flexibility to add additional Dialogs and/or individual recipients (Members and/or Non-Members).

715 The user may Preview the crawl in advance of it being Submitted (Sent).

716 The user can define the start and expiration dates and times of the Crawl.

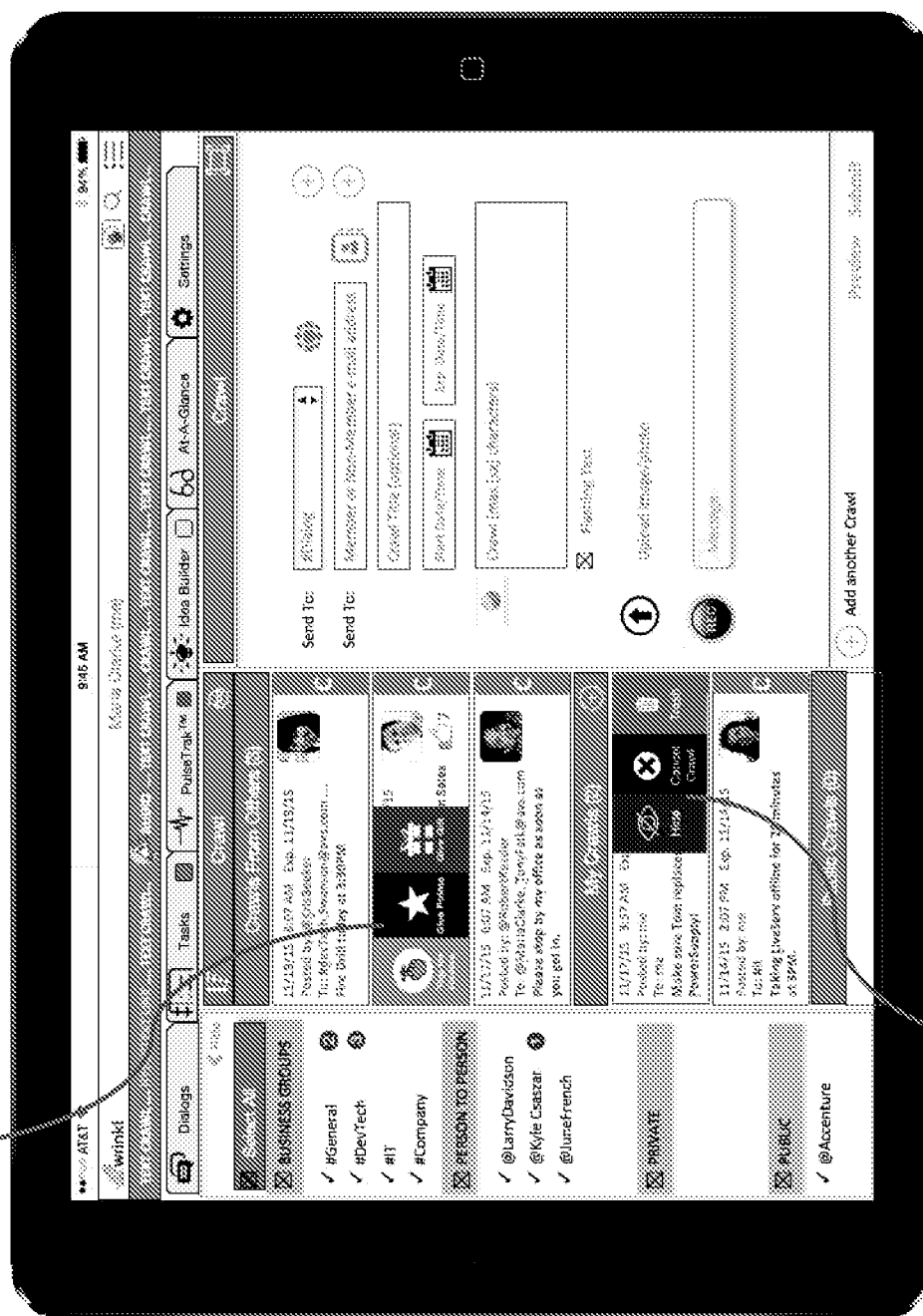
717 The User selects which Dialog or Dialogs to include in the Crawl Search results. Only Crawls relating to selected [checked] Dialogs will appear in the Crawl List.

718 A graphical icon or symbol can be placed in the Crawl to indicate that a message is an audio message. [Tapping] on the icon will reveal/play back the audio.

Note: When receiving a crawl for the first time from a Member or Non-Member the recipient will be prompted to inform Wrinkl or the Crawl Reader application (or other method of enabling this crawl invention) to "Accept Crawls from the Sender Once, Reject Crawls from the Sender Once, Always accept Crawls from the Sender or Never accept crawls from the Sender". This setting preference can be later modified by the Crawl recipient in Crawl Settings. This capability is made possible by associating the sender of the crawl to a unique identifier (e.g., username, email, phone number, IP address, etc.). Other parameters can be defined such as Only accept crawls from known parties, Never accept Crawls invitations from Public parties, etc.)

719

Figure 7C



720

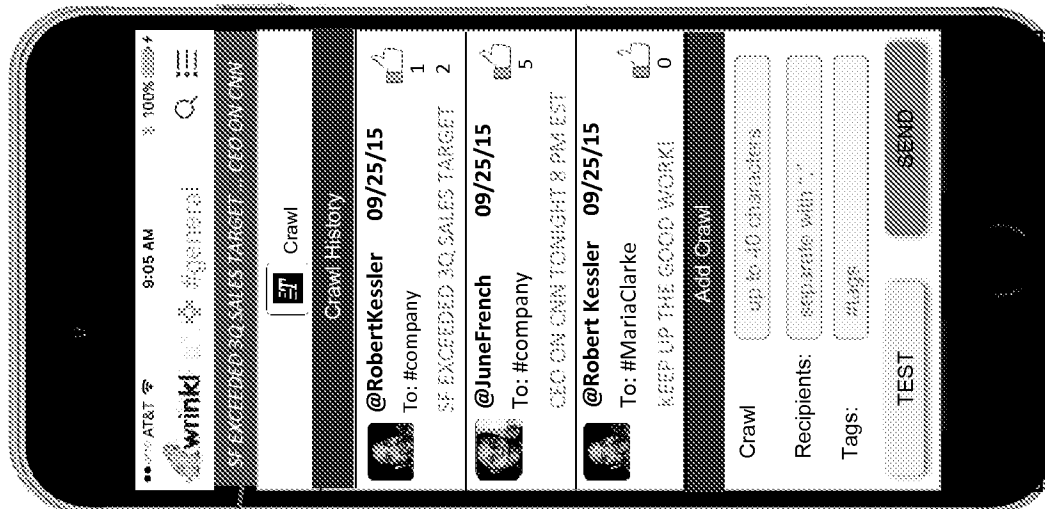
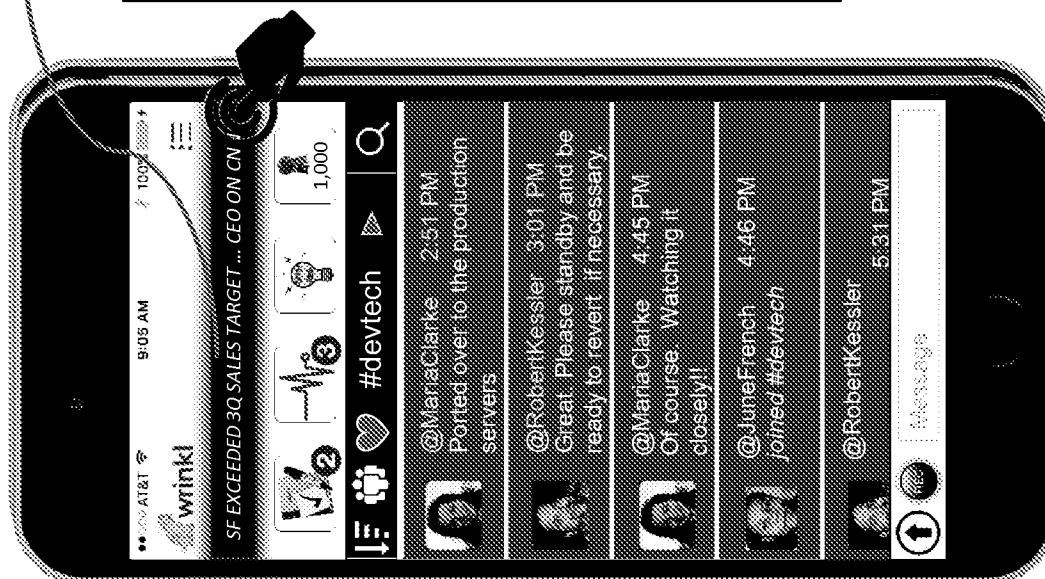
719 The user can slide from left to right on a message to reveal a "Slide Menu". From this menu the user will be presented with certain activities or options. In the example of the Slide Menu revealed in #719 the user would be able to; (i) Tag the message for review – (i.e., Tag the message with a unique tag in order that the contents of the message can be recalled at a later time and in this case thought of in connection with the content or sender of the message's Periodic Performance Review); (ii) "Give Points" (i.e., send recognition points to the originator of the message; or (iii) "Give Gift" (i.e., send a virtual or physical gift to the originator of the message.

720 The user can slide from right to left on a message to reveal a "Slide Menu". From this menu the user will be presented with certain activities or options. In the example of the Slide Menu revealed in #720 the user would be able to; (i) Hide the specific message; (ii) "Cancel Crawl" (i.e., [immediately] stop the crawl from being displayed in advance of it's originally defined expiration date; or (iii) "Trash" (i.e., delete the crawl message from the Crawl List (if the user chooses to delete a message prior to the expiration date of the crawl the system will prompt the user to either choose to delete and cancel the crawl or to solely delete the message from the user's own Crawl List.



Figure 7D Crawl

Tap anywhere on the crawl bar



721 and 722 Crawl Bar. These examples show the Crawl at the top of the screen, with text/graphics flowing – moving – from right to left although the size and placement of the Crawl can vary. Crawls may contain text, graphics, sounds or recorded messages (or any combination thereof). Crawls are notable in that their placement, size and/or movement call elicit special attention or notice. The text crawl may or may not have movement and may move from left to right or right to left or diagonally or up and down or back and forth or any combination of movement. The text crawl may be able to be enlarged, shrunken, hidden, tagged, named, saved, deleted, forwarded, edited, remain a static size, random size or variable. The text and or graphics can appear in any color or combination of colors. Associated sounds can be varied depending upon the context and/or content and/or originator of the crawl.

Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	ACTIONABLE CHAT MESSAGING SYSTEM			
First Named Inventor/Applicant Name:	Marc A. Cohen			
Filer:	Cicero H. Brabham			
Attorney Docket Number:	31421.0003			
Filed as Small Entity				
Filing Fees for Provisional				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Provisional Application Filing Fee	2005	1	130	130
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				130

Electronic Acknowledgement Receipt

EFS ID:	24035877
Application Number:	62253229
International Application Number:	
Confirmation Number:	1039
Title of Invention:	ACTIONABLE CHAT MESSAGING SYSTEM
First Named Inventor/Applicant Name:	Marc A. Cohen
Customer Number:	28221
Filer:	Cicero H. Brabham
Filer Authorized By:	
Attorney Docket Number:	31421.0003
Receipt Date:	10-NOV-2015
Filing Date:	
Time Stamp:	12:42:20
Application Type:	Provisional

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 130
RAM confirmation Number	11194
Deposit Account	501358
Authorized User	BRABHAM, CICERO H.

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

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Exh-1011, p. 062

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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Provisional Cover Sheet (SB16)	31421_3_Provisional_Cover.pdf	1477411	no	3
			e14c8a9dae308ebb0de23483f1b85d0e4b8c5a74		
Warnings:					
Information:					
2	Specification	31421_3_Specification.pdf	17316132	no	56
			ed9d7a13edf523dc47f948648a18bf270d538cc6		
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	29537	no	2
			a640980819f0db671a61572f38c336989d48b957		
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Total Files Size (in bytes):			18823080		

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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.

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3609042

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARC A. COHEN	11/09/2015
ERIK S. KATZ	11/09/2015
RECEIVING PARTY DATA	
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Street Address:	2 POND LANE
City:	SANDS POINT
State/Country:	NEW YORK
Postal Code:	11050
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	62253229
CORRESPONDENCE DATA	
Fax Number:	(973)597-6159
<i>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.</i>	
Phone:	973-597-2500
Email:	cbrabham@lowenstein.com
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Address Line 2:	65 LIVINGSTON AVENUE
Address Line 4:	ROSELAND, NEW JERSEY 07068
ATTORNEY DOCKET NUMBER:	31421-0003
NAME OF SUBMITTER:	CICERO H BRABHAM JR
SIGNATURE:	/Cicero H. Brabham Jr./
DATE SIGNED:	11/10/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3	
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source=31421_3_Assign_Signed_M_Cohen_Katz#page2.tif	
source=31421_3_Assign_Signed_M_Cohen_Katz#page3.tif	

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 31421.0003

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Marc A. Cohen, Erik S. Katz and Jeffrey A. Cohen hereby sell, assign, and transfer to Wrinkl, Inc.

a corporation of Delaware
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 2 Pond Lane, Sands Point, NY 11050,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

ACTIONABLE CHAT MESSAGING SYSTEM

said patent application also identified as follows:

United States Patent Application Number _____ filed _____,

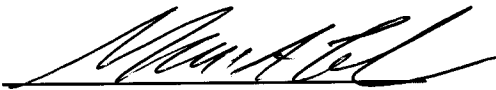
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

11/9, 2015
Date


Marc A. Cohen

_____, 2015
Date

Erik S. Katz

_____, 2015
Date

Jeffrey A. Cohen

Assignment Document Return Address:
Patent Docket Administrator
Lowenstein Sandler LLP
65 Livingston Avenue
Roseland, New Jersey 07068

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Each Inventor: Please Sign and Date Below:

_____, 2015
Date

Marc A. Cohen

November 9, 2015
Date



Erik S. Katz

_____, 2015
Date

Jeffrey A. Cohen

Assignment Document Return Address:
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Lowenstein Sandler LLP
65 Livingston Avenue
Roseland, New Jersey 07068

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Stylesheet Version v1.2

EPAS ID: PAT3610398

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY A. COHEN	11/10/2015
RECEIVING PARTY DATA	
Name:	WRINKL, INC.
Street Address:	2 POND LANE
City:	SANDS POINT
State/Country:	NEW YORK
Postal Code:	11050
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	62253229
CORRESPONDENCE DATA	
Fax Number:	(973)597-6159
<i>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.</i>	
Phone:	973-597-2500
Email:	cbrabham@lowenstein.com
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ATTORNEY DOCKET NUMBER:	31421.3
NAME OF SUBMITTER:	CICERO H BRABHAM JR
SIGNATURE:	/Cicero H. Brabham Jr./
DATE SIGNED:	11/10/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	
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source=31421_3_Assign_Signed_J_Cohen#page2.tif	

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 31421.0003

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Marc A. Cohen, Erik S. Katz and Jeffrey A. Cohen hereby sell, assign, and transfer to Wrinkl, Inc.

a corporation of Delaware
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 2 Pond Lane, Sands Point, NY 11050

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

ACTIONABLE CHAT MESSAGING SYSTEM

said patent application also identified as follows:

United States Patent Application Number _____ filed _____

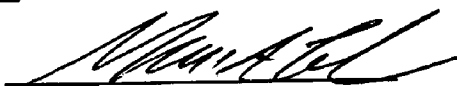
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

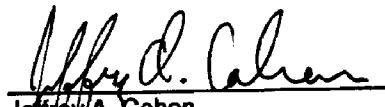
11/9, 2015
Date


Marc A. Cohen

_____, 2015
Date

Erik S. Katz

11/10, 2015
Date


Jeffrey A. Cohen

Assignment Document Return Address:
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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
62/253,229	11/10/2015		130	31421.0003		

CONFIRMATION NO. 1039

FILING RECEIPT

28221
PATENT DOCKET ADMINISTRATOR
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65 LIVINGSTON AVENUE
ROSELAND, NJ 07068



Date Mailed: 11/23/2015

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The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 62/253,229**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

ACTIONABLE CHAT MESSAGING SYSTEM

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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