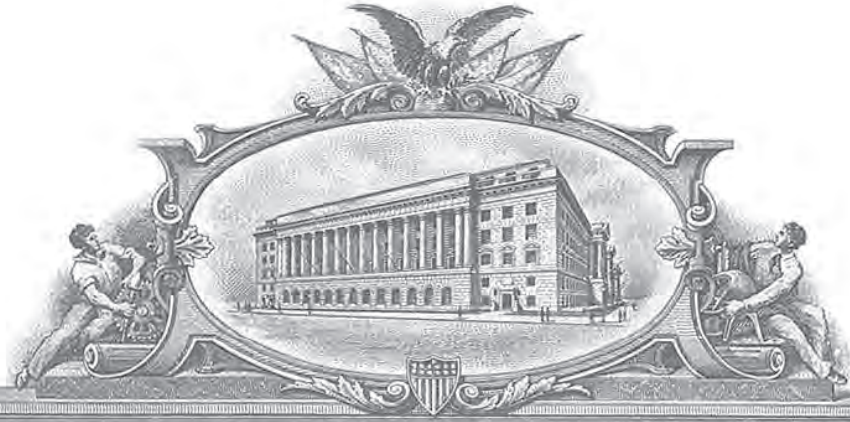


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APPLICATION NUMBER: *12/798,995*
FILING DATE: *April 14, 2010*
PATENT NUMBER: *8744407*
ISSUE DATE: *June 03, 2014*



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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	IPVMCP02C1
	First Inventor	CHEUNG et al.
	Title	SYSTEMS AND PROCESSES TO MANAGE
	Express Mail Label No.	EB 592 583 706 US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
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1. **Fee Transmittal Form** (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. **Applicant claims small entity status.**
See 37 CFR 1.27.
3. **Specification** [Total Pages 19]
Both the claims and abstract must start on a new page
(For information on the preferred arrangement, see MPEP 609.01(a))
4. **Drawing(s)** (35 U.S.C. 113) [Total Sheets 2]
5. **Oath or Declaration** [Total Sheets 4]
 - a. Newly executed (original or copy)
 - b. A copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. **Application Data Sheet.** See 37 CFR 1.76
7. **CD-ROM or CD-R** in duplicate, large table or Computer Program *(Appendix)*
 - Landscape Table on CD
8. **Nucleotide and/or Amino Acid Sequence Submission**
(if applicable, items a. - c. are required)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers** (cover sheet & document(s))
Name of Assignee _____
10. **37 CFR 3.73(b) Statement** **Power of Attorney**
(when there is an assignee)
11. **English Translation Document** *(if applicable)*
12. **Information Disclosure Statement** (PTO/SB/08 or PTO-1449)
 Copies of citations attached
13. **Preliminary Amendment**
14. **Return Receipt Postcard** (MPEP 503)
(Should be specifically itemized)
15. **Certified Copy of Priority Document(s)**
(if foreign priority is claimed)
16. **Nonpublication Request** under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or equivalent.
17. **Other:** _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:


Continuation Divisional Continuation-in-part (CIP) of prior application No.: 11/452,115.....

Prior application information: Examiner DOAN, KIET M. Art Unit: 2617

19. CORRESPONDENCE ADDRESS

The address associated with Customer Number: 34071 OR Correspondence address below

Name		Address	
City	State	Zip Code	
Country	Telephone	Email	

Signature		Date	April 14, 2010
Name (Print/Type)	C. Douglass Thomas	Registration No. (Attorney/Agent)	32,947

This collection of information is required by 37 CFR 1.53(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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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2009</h3>		Complete if Known		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	Unassigned	
		Filing Date	Herewith	
		First Named Inventor	CHEUNG et al.	
		Examiner Name	Unassigned	
		Art Unit	Unassigned	
TOTAL AMOUNT OF PAYMENT	(\$)	655.00	Attorney Docket No.	IPVMCP02C1

METHOD OF PAYMENT (check all that apply)

Check
 Credit Card
 Money Order
 None
 Other (please identify): _____

Deposit Account
 Deposit Account Number: 50-3874
 Deposit Account Name: _____

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	330	165	540	270	220	110	545.00
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	52	26
Each independent claim over 3 (including Reissues)	220	110
Multiple dependent claims	390	195

Total Claims: 20 - 20 or HP = _____ x _____ = _____
 HP = highest number of total claims paid for, if greater than 20.

Indep. Claims: 4 - 3 or HP = 1 x 110.00 = 110.00
 HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 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).

Total Sheets: 21 - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____
Extra Sheets: _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) _____

Other (e.g., late filing surcharge): _____

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent) 32,947	Telephone 650-903-9200
Name (Print/Type)	C. Douglass Thomas	Date April 14, 2010	

This collection of information is required by 37 CFR 1.136. 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 30 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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SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of U.S. Patent Application 11/452,115, filed June 12, 2006, and entitled "SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION", which is hereby incorporated herein by reference, which application is a continuation-in-part application of U.S. Patent Application 11/006,343, filed December 7, 2004, and entitled "ADAPTABLE COMMUNICATION TECHNIQUES FOR ELECTRONIC DEVICES," which is hereby incorporated herein by reference, which claims priority to U.S. Provisional Patent Application No. 60/527,565, filed December 8, 2003, entitled "ADAPTABLE COMMUNICATION TECHNIQUES FOR ELECTRONIC DEVICES," and which is hereby incorporated herein by reference.

[0002] This application, by way of U.S. Patent Application No. 11/452,115, also claims priority to U.S. Provisional Patent Application No. 60/689,686, filed June 10, 2005, entitled "SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION," and which is hereby incorporated herein by reference.

BACKGROUND OF THE INVENTION

[0003] For many years, other than mails from post offices, we typically only received information from afar through telephones. However, in the past few years, ways that others can send us information have increased significantly. Just to list a few different modes of communication, we can be reached from standard desk phones, fax, cell phones, electronic mails, and instant messages. In addition, we can have more than one phone number and multiple electronic mail addresses. There are people we like to communicate with, and there are those we prefer to avoid. Managing information from all such different modes can be quite time consuming.

[0004] It should be apparent from the foregoing that there is still a need to help manage the numerous modes of communication.

SUMMARY OF THE INVENTION

[0005] Different embodiments of a computer-implemented system and method to manage the communication of a user are disclosed. A person tries to electronically convey a message to the user. In one embodiment, the status of the user is identified; the identity of the person is identified; the urgency of the message is identified; the access priority of the person is determined based on the person's identity; and a process is set to manage the message using one or more rules, and in view of the status of the user, the access priority of the person and the urgency of the message.

[0006] Based on different embodiments, the status of the user depends on the current activity or location of the user, or the current time. The status of the user can also be defined by the user. Similarly, the access priority of the person can be defined by the user, or is set depending on the user's reaction towards a prior message from the person. Also, the urgency of the message is set by the person.

[0007] The process can depend on the mode of communication of the message. For example, the mode of communication can include a mobile phone, an office phone, a home phone, a mobile SMS, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

[0008] In one embodiment, the user receives the message through a handheld device, such as a cellular phone. In another embodiment, the message is electronically conveyed based on Internet protocol through a website.

[0009] In one embodiment, though the process allows the user to receive the message, the person is not aware of the contact information of the user. For example, the person is not aware of the phone number of the cellular phone that the user used to talk to the person. This prevents the person from directly accessing the user without going through an intermediate control, such as a website. Similarly, the user does not have to be aware of the contact information of the person.

[00010] In another embodiment, the defined access priority of the person is stored at a website, allowing the website to access such information without asking for the user's permission. In one embodiment, the defined access priority is stored in a private database under the user's control.

[00011] Other aspects and advantages of the present invention will become apparent from the following detailed description, which, when taken in conjunction with the accompanying drawings, illustrates by way of example the principles of the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

[00012] Figure 1 shows a number of intelligent communication modes according to one embodiment of the invention.

[00013] Figure 2 shows a number of contact classes according to one embodiment of the invention.

[00014] Figure 3 shows a number of urgency classes according to one embodiment of the invention.

[00015] Figure 4 shows a number of statuses of a user according to one embodiment of the invention.

[00016] Figure 5 shows one embodiment of an example of an Access Priority Database according to one embodiment of the invention.

[00017] Same numerals in Figures 1-5 are assigned to similar elements in all the figures. Embodiments of the invention are discussed below with reference to Figures 1-5. However, those skilled in the art will readily appreciate that the detailed description given herein with respect to these figures is for explanatory purposes as the invention extends beyond these limited embodiments.

DETAILED DESCRIPTION OF THE INVENTION

[00018] One embodiment of the invention can automatically remove unwanted communications. Certain communications are relatively easy to determine to be unwanted, such as marketing cold calls and wrong number calls. Other communications may be more difficult. They can depend not just on the sources of the communication, but also the conditions or status of the receiver (a user) of the communication. The status can be related to the user's current activity and/or location. For example, when the user is on a train going to work, the user probably does not mind chatting with his grandchild. However, if the user is having his yearly review meeting with his boss, the user probably would prefer to avoid the call from his grandchild, unless it is an emergency. Based on the embodiment, communications from sources the user wants to postpone receiving can be automatically diverted.

[00019] In one embodiment, the user can get appropriate notification on the source of the incoming communication request. The attributes of the notification can depend on the urgency of the communication and/or the status of the user.

[00020] The user may receive information from different modes of communication. For example, the user can have mobile phones, fixed lines at home or office, emails, SMS, and faxes, with their different numbers and/or addresses. One embodiment can help the user efficiently manage information from the different modes. The user only has to remember one specific address from one mode of communication. Through that address, the user can receive communications from all modes of communication, independent of where the user is, or the type of hardware the user has. This allows the user to efficiently maintain his communication from the numerous modes even when he is traveling. For example, the user does not have to change phones (and the phone numbers) when he moves from areas covering 3G to areas that do not.

[00021] A number of embodiments depend on the different modes of communication converging onto the internet protocol platform. A communication gateway or a portal is formed allowing the user to receive communications from numerous sources through different modes. This, in turn, could reduce the

numerous addresses the user has to remember, to one address. For example, an e-mail address for the user can serve as an access identifier for the different communication addresses from different communication modes. The access identifier can become the user's digital identity. In one embodiment, the user's other types of identification, such as the user's driver licenser number, can be the user's access identifier.

[00022] One embodiment of the invention uses an open portal based on the web. Based on the portal, the user can securely determine who can reach him at what conditions. This can be done based on a status indicator. As an example, this indicator is determined according to the status of the user, the access priorities of the person trying to reach the user (or the relationship or the lack of relationship between the user and the person), and/or the urgency of the message from the person. The status of the user can be dynamically determined, based on the current condition(s) of the user. The portal can allow the user and the person to select different options, which can be modified as desired. For example, the relationship can be preset by the user and stored in a database, while the urgency of the message can be set by the person.

[00023] Thus, in one embodiment, the portal can be used to control the selection and setting of different intelligent communication modes for the user. These intelligent communication modes allow priorities of various kinds of communication options to be set by the user. The portal allows worldwide access to the user, and can dynamically determine, for example, whether a call initiated at different time by different callers should be accepted by the user in real-time or handled by other mechanisms. From this information, communication requests can be classified, for example, into different degrees of undesirability. Some requests can be automatically blocked from the user. Others can be diverted and handled by other mechanism, such as diverting a phone call to an email or voice mail.

[00024] In one embodiment, the portal or gateway also includes a database to keep track of the user's different contacts or acquaintances, and the access priorities of each contact. The user can modify information in the database, such

as assigning and/or changing the priorities of the contacts. Based on the information (or lack of information) in the database of the contact trying to access the user, and based on the status of the user, the gateway can automatically select an intelligent mode of communication for the user. This selection can be done dynamically.

[00025] In one embodiment, the portal can dynamically change the access priorities of a caller trying to reach the user. For example, previously the caller is of high priority to the user, and the user has set her access priorities accordingly. Lately, every time the caller trying to reach the user, the request was denied. After a preset number of rejections, the portal can automatically send a message to the user, asking the user if the user would like to lower the access priority of the caller. If the response is affirmative, the caller's priority is automatically reduced.

[00026] In another embodiment, the user does not have to set priorities of each contact. The system monitors every call, and provides the contact's identity to the user. Based on the user's reaction to the call (e.g. accepting or rejecting it), the system automatically sets the contact's priorities. In one embodiment, the system can then query the user for approval on the setting, and allow the user to adjust it as necessary. In another embodiment, the system can continue to modify the caller's priorities based on the user's reaction to the caller's subsequent calls.

[00027] In one embodiment, the user could keep information he believes to be sensitive local in a different database. Such information can be stored securely under the user's direct control. The portal can retrieve information from the different database when required. In another embodiment, the user can restrict or limit such retrieval process.

[00028] Additional confidentiality can be provided. In one embodiment, using phone calls as an example, the user can be aware of the identity of the caller even without being informed of the number of the caller. Similarly, the caller can reach the user without being aware of the number of the phone the user is using to receive the call. The user can keep his location and/or status confidential

but still can receive the communication. This can be useful because there are situations, for example, when the user does not want to disclose his contact information but the user needs to receive services provided by the caller.

[00029] One approach to maintain such confidentiality while maintaining real-time communication is based on a system that digitally identifies the identities of the caller and the receiver. Note that the term caller is used in general. It is not just limited to phone calls, but they can be any person or entity requesting to communicate with the user, such as trying to send a message to the user. As a separate note, the caller can also be a user of different embodiments of the invention.

[00030] After determining the identities, the system can establish connections between the caller and the user in real time. Though contacts are established, the system only needs to ensure the identities of the caller and the user to each other. However, the system does not have to disclose the phone numbers, electronic addresses, physical locations and/or other attributes of the caller and the user to each other. In one embodiment, real time implies that the time required for the identification is similar to the typical time required to set up, for example, a telephone call. The system can be a portal based on the web.

[00031] In one embodiment, a portal also holds the user's electronic calendar. The calendar can be programmable, with entries set by the user. The portal can automatically and securely set appointments for the user since the portal knows the identity of the caller, and the status and schedule of the user. For example, the appointment can be for a conference call.

[00032] To illustrate, in one embodiment, a portal provides a number of intelligent communication modes (ICM) for the user to select as shown in Figure 1. There are three columns in the table. If the communication mode selected in the second column does not work, the portal automatically defaults to the corresponding approach in the third column. For example, under ICM 1, if the mobile phone is busy, default to voice mail. Some of the selections do not have any default because it may not be necessary to default. For example, under ICM 8, the incoming message goes directly to voice mail with instant notification to

mobile devices of the user. The incoming message can usually go to voice mail. There is no need to default.

[00033] As a receiver of communication, the user can define a number of contact classes, as shown in Figure 2. The user can set up a number of urgency classes, as shown in Figure 3. The user can define a number of status, as shown in Figure 4. Then, based on tables in Figures 1-4, the user can set up an Access Priority Database for different ContactClasses, as shown in Figure 5.

[00034] As another example, the user can categorize the following contacts into the corresponding ContactClasses:

Alice (Wife)	ContactClass1
Peter (Close Friend)	ContactClass2
Colina (Close Friend's wife)	ContactClass2

[00035] Peter wants to make a mobile phone call to the user. In one embodiment, Peter calls a portal. As an example, the portal can be the user's ISP. The portal first verifies the caller's identity to be Peter. This can be done, for example, by a public key challenge based on Peter having a public key digital certificate. In another example, Peter is also a registered user of the portal. Then, Peter's identity can be more readily identified or verified.

[00036] In one embodiment, after verification, a virtual address/number for the communication session is created allowing Peter to reach the user, which can be by phone. The user's phone number does not have to be disclosed to Peter. Similarly, Peter's mobile phone number does not have to be disclosed to the user. The portal can assure the user that the person calling is Peter based on an identification verification process, such as ones described above.

[00037] In establishing contact, the portal can access the user's database and determine that Peter belongs to ContactClass2. The database can, for example, be in the portal.

[00038] In another embodiment, the database is in a personal communication device of the user. The portal accesses the personal communication device to determine Peter's ContactClass.

[00039] Based on the ContactClass information, the status of the user and Peter's urgency setting, the user may receive Peter's call directly. As another example, Peter may be asked to leave a voice mail to the user, while the user is notified by a mobile short message regarding an incoming call from Peter.

[00040] As additional examples, in one embodiment, location information of the user could be determined based on GPS information from, for example, the user's cell phone.

[00041] In one embodiment, the user receives messages through a handheld device, such as a phone, and the phone has a switch. The switch can be a physical button or a software setting, such as a pull-down menu. The user could set his status dynamically by changing the physical or logical position of the switch. For example, one position can indicate that the user is very busy, and should only be interrupted by an urgent message from the user's closest contacts, such as his wife or parents. Another position can indicate that the user's status allows the user to receive any messages from anyone.

[00042] As explained above, based on an embodiment, a message is electronically conveyed by a central network server, such as a web server based on Internet protocol. A portal or gateway approach could provide general Internet access to one or more embodiments of the communication management systems so that users can configure the system behavior they desire. The portal or gateway can then facilitate download of a database or update thereto to a communication device, such as a phone.

[00043] Also, as explained above, based on an embodiment, a user could efficiently maintain his communication, and does not even have to change phones when he moves from areas covering 3G to areas that do not. These phones could be based on different communication mechanisms, such as GSM, CDMA, 3G and 4G systems. Also as explained above, the user could keep information in local databases, such as in such a phone. For example, the

intelligent communication modes shown in Figure 1 for the user to select are in the phone. The user could define the contact classes, such as the ones shown in Figure 2; set up the urgency classes, such as the ones shown in Figure 3; define the statuses, such as the ones shown in Figure 4; set up the Access Priority Database, such as the one shown in Figure 5; and categorize a number of the user's contacts into the corresponding ContactClasses, all in the phone. When a caller places a call to the phone, based on information previously set in the phone and based on the urgency class selected by the caller, the phone could automatically manage the communication. Note that the phone does not have to be a cellular phone. In one embodiment, the phone is a desk top phone.

[00044] Again as explained above, the person or the caller trying to contact the user could select different options. For example, the urgency of the message can be set by the caller. This selection is typically in the call setup phase. In one embodiment, the caller has pre-selected the urgency class before making the call. In another embodiment, if the caller has not selected the urgency class, the system could prompt the caller to input an urgency class or status before the call or message is routed to the user. In yet another embodiment, different urgency classes could be defined by the caller.

[00045] Further, the computer-implemented methods and systems discussed above can be used in conjunction with one or more of the various approaches discussed in U.S. Patent Application 11/006,343. For example, the automated actions or decisions (e.g., intelligent secretary, decision 204 in FIG. 2, etc.) of U.S. Patent Application 11/006,343 can be automatically made by the systems/methods described above. Still further, the various approaches discussed in U.S. Patent Application 11/006,343 can be used in conjunction with one or more the various methods/systems discussed above. For example, the systems/methods described above can use the messaging approaches (e.g., audio or textual messages) described in U.S. Patent Application 11/006,343.

[00046] Other embodiments of the invention will be apparent to those skilled in the art from a consideration of this specification or practice of the invention disclosed herein. It is intended that the specification and examples be considered



as exemplary only, with the true scope and spirit of the invention being indicated by the following claims.

What is claimed is:

CLAIMS

1. A computer-implemented method to manage the communication of a user in view of a person trying to electronically convey a message to the user, the method comprising:
 - identifying the status of the user;
 - identifying the identity of the person;
 - identifying the urgency of the message;
 - determining the access priority of the person based on the person's identity; and
 - setting a process to manage the message using one or more rules, and in view of the status of the user, the access priority of the person and the urgency of the message.
2. A computer-implemented method as recited in claim 1, wherein the status of the user depends on the current activity or location of the user, or the current time, or the status of the user is defined by the user.
3. A computer-implemented method as recited in claim 1, wherein the access priority of the person is defined by the user, or is set depending on the user's reaction towards a prior message from the person.
4. A computer-implemented method as recited in claim 1, wherein the urgency of the message is set by the person.
5. A computer-implemented method as recited in claim 1,
 - wherein the method depends on the mode of communication of the message, and
 - wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online

chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

6. A computer-implemented method as recited in claim 1, wherein the user receives the message through a handheld device, and wherein the status of the user is defined by the user using the handheld device.
7. A computer-implemented method as recited in claim 1, wherein the message is electronically conveyed based on Internet protocol through a website, and wherein though the method allows the user to receive the message, the person is not aware of the contact information of the user to prevent the person from directly accessing the user without going through the website, or the user is not aware of the contact information of the person to prevent the user from directly accessing the person without going through the website.
8. A computer-implemented method as recited in claim 1, wherein the message is electronically conveyed based on Internet protocol through a website, and wherein the defined access priority of the person is stored at the website, or is stored in a private database under the user's control.
9. A computer-implemented method as recited in claim 1, wherein the message is electronically conveyed based on Internet protocol through a website, wherein the website keeps an electronic calendar of the user, and wherein an appointment is automatically set for the user with the person in view of information in the calendar.

10. A computer-implemented method as recited in claim 1, wherein the message is electronically conveyed based on Internet protocol through a website.

11. A computer-implemented method for managing incoming communication for a recipient, said method comprising:

receiving an incoming communication request of a first communication type from a requestor;

determining an access priority for the requestor based on information provided by the recipient; and

determining an appropriate communication type for the incoming communication request based on one or more configurable rules and the access priority for the requestor.

12. A computer-implemented method for managing incoming communication for a recipient, said method comprising:

receiving an incoming communication request directed at the recipient;

determining predetermined communication processing criteria for use in processing communication requests directed at the recipient, in view of the incoming communication request;

determining whether and how to divert the incoming communication request to a specific communication mode among a plurality of communication modes based on the predetermined communication processing criteria; and

automatically diverting the incoming communication request to the specific communication mode if so determined.

13. A computer-implemented method as recited in claim 12,

wherein at least one attribute of the communication processing criteria is decided by the recipient, and

wherein the plurality of communication modes includes at least three communication modes.

14. A computer-implemented method as recited in any of claim 13, wherein the predetermined communication processing criteria depend on one or more of: at least one configurable rule, access priority for the requestor, status of the recipient, and urgency level of the incoming communication request.

15. A computer-implemented method as recited in any of claim 13, wherein the predetermined communication processing criteria depend on at least one configurable rule, and wherein the at least one configurable rule makes use of one or more of the following factors: the time of day of the incoming communication request, a piece of information regarding the current activity of the recipient, access priority for the requestor, status of the recipient, urgency level of the incoming communication request and the current location of recipient.

16. A computer-implemented method as recited in claim 13, wherein the predetermined communication processing criteria depend on a priority indication of the recipient.

17. A computer-implemented method as recited in any of claim 13, wherein the incoming communication request can be via a data network, and wherein at least one attribute of the communication processing criteria is set by the recipient through interaction with a website.

19. A computer-implemented method as recited in any of claim 13, wherein the incoming communication request can be received by the recipient through a phone, and wherein at least one attribute of the communication processing criteria is set by the recipient through the phone.

20. A computer-implemented method for managing incoming communication for a recipient, said method comprising:

- receiving an incoming communication request from a requestor;
- determining predetermined communication processing criteria for use in processing communication requests directed at the recipient, in view of the incoming communication request; and
- automatically directing the incoming communication request to an address of the recipient to be received by the recipient, based on one or more of the predetermined communication processing criteria,

wherein although the requestor has established communication with the recipient through the address of the recipient, the requestor does not have to know or to be provided with the address of the recipient.

ABSTRACT

A computer-implemented system and method to manage the communication of a user are disclosed. In one embodiment, when a person tries to electronically convey a message to the user, the status of the user, the identity of the person, and the urgency of the message can be identified. The access priority of the person can be determined based on the person's identity. Then, the message can be managed using one or more rules and in view of the status of the user, the access priority of the person and the urgency of the message.

ICM		Default
1	Mobile phone	Voice mail
2	Office phone	Voice mail
3	Home phone	Voice mail
4	Mobile SMS/pager from mobile phone or PDA	Email
5	Home/office SMS (to office/home PC)	Email
6	Mobile Online chat (to mobile phone or PDA)	Voice mail
7	Home Online chat (Net Meeting, AOL, ICQ etc.)	Voice mail
8	Voice mail with instant notification to mobile devices of the user	
9	Voice mail without notification to mobile devices	
10	Office fax	
11	Home fax	Reject
12	Mobile Email (Blackberry etc.)	Email
13	Email	Reject
14	User defined	

FIGURE 1

ContactClass1	Kinship family members, love ones
ContactClass2	Relatives and friends
ContactClass3	Boss and VIP
ContactClass4	Colleagues
ContactClass5	Subordinates
ContactClass6	Business acquaintances
ContactClass7	VIP Clients
ContactClass8	Clients
ContactClass9	Secretary
ContactClass10	User defined

FIGURE 2

UrgClass1	Life threatening – interrupt at any time and occasion
UrgClass2	Urgent confirmed meeting reminder – interruption allowed
UrgClass3	Urgent matter requiring immediate attention
UrgClass4	Important matter requiring quick attention
UrgClass5	Regular work related matter
UrgClass6	Casual contact
UrgClass7	Cold calls from unknown person
UrgClass8	User defined

FIGURE 3

MyBusyState1	Important meeting
MyBusyState2	Ordinary meeting
MyBusyState3	Available
MyBusyState4	Sleeping
MyBusyState5	Resting
MyBusyState6	User defined

FIGURE 4

ContactClass	UrgClass	MyBusyState	ICM allowed
ContactClass2	UrgClass1-3	All	All
	UrgClass4-6	MyBusyState1	All
		MyBusyState2-3	All
		MyBusyState4-5	All
	UrgClass7-8	All	ICM 13

FIGURE 5

DECLARATION FOR ORIGINAL U.S. PATENT APPLICATION

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 entitled: **SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION** the specification of which,

- (check one)
1. is attached hereto.
 2. was filed on June 12, 2006 as U.S. Application No. 11/452,115 and was amended on _____.
 3. was filed on _____ as PCT International Application No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or (f), or §365(b) of any foreign application for patent or inventor's certificate listed below, or under §365(a) of any PCT international application which designated at least one country other than the United States listed below, and I have identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Not Claimed	Cert. Copy Attached
(Application No.)	(Country)	(Filing Date)	<input type="checkbox"/>	<input type="checkbox"/>
(Application No.)	(Country)	(Filing Date)	<input type="checkbox"/>	<input type="checkbox"/>

Direct Correspondence To: **Customer Number 34071**

Direct Telephone Calls To: **Peter Tong at telephone number (650) 903-9200**

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 issuing thereon.

Typewritten Full Name of
Sole or First Inventor: Kwok Wai Cheung Citizenship: China

Inventor's signature: _____ Date of Signature: _____

Residence: (City) Tai Po, Hong Kong (State/Country) China

Post Office Address: 3A, BL 10, 23 Shan Tong Road, Tai Po, Hong Kong, China

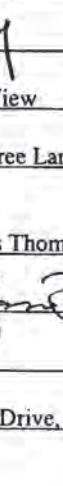
Second Inventor: Peter P. Tong Citizenship: United States

Inventor's signature:  Date of Signature: 7/17/2006

Residence: (City) Mountain View (State/Country) CA/US

Post Office Address: 1807 Limetree Lane, Mountain View, CA 94040

Third Inventor: C. Douglass Thomas Citizenship: United States

Inventor's signature:  Date of Signature: 7/17/2006

Residence: (City) Campbell (State/Country) CA/US

Post Office Address: 1193 Capri Drive, Campbell, CA 95008

DECLARATION FOR ORIGINAL U.S. PATENT APPLICATION

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 entitled: **SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION** the specification of which,

- (check one)
1. is attached hereto.
 2. was filed on June 12, 2006 as
U.S. Application No. 11/452,115
and was amended on _____.
 3. was filed on _____ as
PCT International Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or (f), or §365(b) of any foreign application for patent or inventor's certificate listed below, or under §365(a) of any PCT international application which designated at least one country other than the United States listed below, and I have identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Not Claimed	Cert. Copy Attached
(Application No.)	(Country)	(Filing Date)	<input type="checkbox"/>	<input type="checkbox"/>
(Application No.)	(Country)	(Filing Date)	<input type="checkbox"/>	<input type="checkbox"/>

Direct Correspondence To:

Customer Number 34071

Direct Telephone Calls To:

Peter Tong at telephone number (650) 903-9200

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 issuing thereon.

Typewritten Full Name of
Sole or First Inventor: Kwok Wai Cheung Citizenship: China
Inventor's signature:  Date of Signature: June 21, 06
Residence: (City) Tai Po, Hong Kong (State/Country) China
Post Office Address: 3A, BL 10, 23 Shan Tong Road, Tai Po, Hong Kong, China

Second Inventor: Peter P. Tong Citizenship: United States
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Mountain View (State/Country) CA/US
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Third Inventor: C. Douglass Thomas Citizenship: United States
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Campbell (State/Country) CA/US
Post Office Address: 1193 Capri Drive, Campbell, CA 95008

Application Data Sheet

Application Information

Application Type:: Regular
Subject Matter:: Utility
CD-ROM or CD-R? None
Title:: SYSTEMS AND
PROCESSES
TO MANAGE MULTIPLE
MODES OF
COMMUNICATION
Attorney Docket Number:: IPVMCP02C1
Request for Non-Publication?: No
Suggested Drawing Figure:: 5
Total Drawing Sheets:: 2
Small Entity:: Yes

Applicant Information

Applicant Authority type:: Inventor
Primary Citizenship Country:: China
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Middle Name:: Wai
Family Name:: Cheung
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State or Province of Residence:: Hong Kong
Country of Residence:: China
Street of mailing address:: 3A, BL 10
23 Shan Tong Road
Country of mailing address:: China
Postal or Zip Code of
mailing address:: none

Applicant Information

Applicant Authority type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
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Middle Name:: P.
Family Name:: Tong
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State or Province of Residence:: CA
Country of Residence:: US

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Postal or Zip Code of mailing address:: 94040

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Country of Residence:: US
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Postal or Zip Code of mailing address:: 95008

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Correspondence Customer Number:: 34071
Phone number:: 650-903-9200
Fax number:: 650-903-9800
E-Mail address:: doug@ipventure.com

Representative Information

Representative Customer Number:: 34071

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application	is a continuation of	11/452,115	June 12, 2006
which application	is a continuation-in-part	11/006,343	Dec. 7, 2004
which	claims priority to	60/527,565	Dec. 8, 2003
This application	also claims priority to	60/689,686	June 10, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: To be assigned

Examiner: To be assigned

Filed: Herewith

Group: To be assigned

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

POWER OF ATTORNEY BY ASSIGNEE AND 37 CFR §3.73 STATEMENT

Commissioner for Patents
Washington, D. C. 20231

Sir:

IpVenture, Inc. is the assignee of the above-referenced patent application by virtue of an assignment document. The assignment document is/was recorded:

at Reel 024105, Frame(s) 0774

on March 18, 2010

submitted concurrently herewith

The assignee represents, pursuant to 37 C.F.R. §3.73(b), that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Pursuant to 37 C.F.R. §§1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and hereby appoints all practitioners who are associated with the **Customer Number 34071** as principal attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

Customer Number 34071

IpVenture, Inc.
5150 El. Camino Real
Suite A-22
Los Altos, CA 94022

Assignee of Interest:

IpVenture, Inc.
5150 El Camino Real
Building A, Suite 22
Los Altos, CA 94022

Date 3/24/2010



Name: C. Douglass Thomas
Title: Chairman
IpVenture, Inc.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: Unassigned

Examiner: Unassigned

Filed: Herewith

Group: Unassigned

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Applicants submit the list of these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application. The above-identified application is a continuation of prior application U.S. Patent Application No. 11/452,115. This prior application is being relied upon for an earlier filing date under 35 U.S.C. § 120. Because the listed references were either cited by the PTO, or submitted to the PTO in the prior application, under 37 CFR § 1.98(d) Applicants submit that copies need not be provided.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of

a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114.

Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,



C. Douglass Thomas
Registration No. 32,947

5150 El Camino Real,
Building A, Ste. 22
Los Altos, CA 94022

041410
16663
U.S. PTO

PTO/SB/05 (07-06)
Approved for use through 01/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><small>Attorney Docket No.</small></td> <td style="padding: 2px;">IPVMCP02C1</td> </tr> <tr> <td style="padding: 2px;"><small>First Inventor</small></td> <td style="padding: 2px;">CHEUNG et al.</td> </tr> <tr> <td style="padding: 2px;"><small>Title</small></td> <td style="padding: 2px;">SYSTEMS AND PROCESSES TO MANAGE</td> </tr> <tr> <td style="padding: 2px;"><small>Express Mail Label No.</small></td> <td style="padding: 2px;">EB 592 583 706 US</td> </tr> </table>	<small>Attorney Docket No.</small>	IPVMCP02C1	<small>First Inventor</small>	CHEUNG et al.	<small>Title</small>	SYSTEMS AND PROCESSES TO MANAGE	<small>Express Mail Label No.</small>	EB 592 583 706 US
<small>Attorney Docket No.</small>	IPVMCP02C1								
<small>First Inventor</small>	CHEUNG et al.								
<small>Title</small>	SYSTEMS AND PROCESSES TO MANAGE								
<small>Express Mail Label No.</small>	EB 592 583 706 US								

<p style="text-align: center;">APPLICATION ELEMENTS</p> <p style="font-size: small; text-align: center;">See MPEP chapter 600 concerning utility patent application contents.</p>	<p>ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450</p>
--	---

<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification [Total Pages <u>19</u>] <small>Both the claims and abstract must start on a new page (For information on the preferred arrangement, see MPEP 609.01(a))</small> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>2</u>] 5. Oath or Declaration [Total Sheets <u>4</u>] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> A copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) <input type="checkbox"/> Landscape Table on CD 8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, items a. - c. are required)</small> a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies 	<p style="text-align: center;">ACCOMPANYING APPLICATION PARTS</p> <ol style="list-style-type: none"> 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) <small>Name of Assignee _____</small> 10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (PTO/SB/08 or PTO-1449) <input type="checkbox"/> Copies of citations attached 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). <small>Applicant must attach form PTO/SB/35 or equivalent.</small> 17. <input type="checkbox"/> Other: _____
---	---

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation
 Divisional
 Continuation-in-part (CIP)
of prior application No.: 11/452,115.....

Prior application information:
Examiner DOAN, KIET M.
Art Unit: 2617

19. CORRESPONDENCE ADDRESS

The address associated with Customer Number: 34071
OR
 Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Email	

Signature		Date	April 14, 2010
Name (Print/Type)	C. Douglass Thomas	Registration No. (Attorney/Agent)	32,947

This collection of information is required by 37 CFR 1.53(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.
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2009</h3>		Complete if Known		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	Unassigned	
		Filing Date	Herewith	
		First Named Inventor	CHEUNG et al.	
		Examiner Name	Unassigned	
		Art Unit	Unassigned	
TOTAL AMOUNT OF PAYMENT	(\$)	655.00	Attorney Docket No.	IPVMCP02C1

METHOD OF PAYMENT (check all that apply)

Check
 Credit Card
 Money Order
 None
 Other (please identify): _____

Deposit Account
 Deposit Account Number: 50-3874
 Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below
 Charge fee(s) indicated below, **except for the filing fee**

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
 Credit any overpayments

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.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	330	165	540	270	220	110	545.00
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	52	26
Each independent claim over 3 (including Reissues)	220	110
Multiple dependent claims	390	195

Total Claims: 20 - 20 or HP = _____ x _____ = _____
 HP = highest number of total claims paid for, if greater than 20.

Indep. Claims: 4 - 3 or HP = 1 x 110.00 = 110.00
 HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 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).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
<u>21</u>	- 100 =	_____ / 50 = _____ (round up to a whole number)	x _____ =	_____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)

Other (e.g., late filing surcharge): _____

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	32,947
Name (Print/Type)	C. Douglass Thomas	Telephone	650-903-9200
		Date	April 14, 2010

This collection of information is required by 37 CFR 1.136. 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 30 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.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	Unassigned
	Applicant	CHEUNG et al.
	Filing Date	Herewith
	Group	Unassigned
		Page 1 of 4

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.	2002/0067806 A1	Jun.-02	Rodriguez et al.			
	2.	2002/0094067	Jul. 02	August			
	3.	2003/0041048 A1	Feb.-03	Balasuriya			
	4.	2003/0103600 A1	Jun. 03	Potter			
	5.	2003/0105854 A1	Jun.-03	Thorsteinsson et al.			
	6.	2003/0129968 A1	Jul. 03	Earl			
	7.	2003/0232629 A1	Dec. 03	Jang et al.			
	8.	2004/0024882 A1	Feb.-04	Austin et al.			
	9.	2004/0122979 A1	Jun. 04	Kirkland			
	10.	2004/0203919	Oct.-04	Ross et al.			
	11.	2005/0037785 A1	Feb. 05	Chen			
	12.	2005/0071253 A1	Mar. 05	Yang			
	13.	2005/0136955	Jun.-05	Mumick et al.			
	14.	2005/0191994 A1	Sep. 05	May et al.			
	15.	2005/0192061 A1	Sep. 05	May et al.			
	16.	2005/0273327 A1	Dec. 05	Krishnan			
	17.	2006/0288099 A1	Dec. 06	Jefferson et al.			
	18.	2007/0047522 A1	Mar.-07	Jefferson et al.			
	19.	5,425,516	Jun.-95	Daines			
	20.	5,548,636	Aug. 96	Bannister et al.			
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	29.	6,636,888 B1	Oct.-03	Bookspan et al.			
Examiner				Date Considered			

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	Unassigned
	Applicant	CHEUNG et al.
	Filing Date	Herewith
	Group	Unassigned
		Page 2 of 4

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43.	7,111,044 B2	Sep. 06	Lee			
44.	7,116,976 B2	Oct. 06	Thomas et al.			
45.						

							Translation	
Init.	Document No.	Date	Country	Class	Subclass	Yes	No	
	WO 01/45343 A2	Jun-01	PCT					

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)	
A	"Company Overview", http://www.fastmobile.com/company_overview.html , downloaded 11/5/2003, p. 1.
B	"Introducing the Tellme Voice Application Network", Tellme, http://www.tellme.com/products/ , downloaded 10/2/2003, page 1.
C	"Iotum History," Iotum Corp., http://iotum.com/simplyrelevant/2006/04/03/iotum-history/ , downloaded May 15, 2006, pages 1-4.
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Examiner	Date Considered
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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	Unassigned
	Applicant	CHEUNG et al.
	Filing Date	Herewith
	Group	Unassigned
		Page 3 of 4

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Examiner	Date Considered
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	Filing Date	Herewith
	Group	Unassigned
		Page 4 of 4

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Z		Symbian Ltd., "Symbian OS Version 7.0: Functional description", Revision 1.5, February 2003, pages 1-24.
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Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

04/16/2010 HDESTA1 00000038 12798995

01 FC:2011	165.00	OP
02 FC:2111	270.00	OP
03 FC:2311	110.00	OP
04 FC:2201	110.00	OP

PTO-1556
(5/87)

*U.S. Government Printing Office: 2002-489-267/69033

Filing Date: 041410

PTO/SB/06 (12-04)

Approved for use through 7/31/2006. 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	12/798,995
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APPLICATION AS FILED – PART I			SMALL ENTITY		OTHER THAN SMALL ENTITY	
FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))				165		
SEARCH FEE (37 CFR 1.16(k), (l), or (m))				270		
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))				110		
TOTAL CLAIMS (37 CFR 1.16(i))	19	minus 20 =	X 26 =		X 52 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	4	minus 3 =	X 110 =	110	X 220 =	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$270 (\$135 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))			N/A		N/A	
			TOTAL	655	TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED – PART II					SMALL ENTITY		OTHER THAN SMALL ENTITY		
AMENDMENT A	(Column 1)	CLAIMS REMAINING AFTER AMENDMENT	(Column 2)	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
		Total (37 CFR 1.16(i))	*	Minus **	=		X =		X =
	Independent (37 CFR 1.16(h))	*	Minus ***	=		X =		X =	
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						N/A		N/A	
						TOTAL ADD'T FEE		TOTAL ADD'T FEE	
AMENDMENT B	(Column 1)	CLAIMS REMAINING AFTER AMENDMENT	(Column 2)	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus **	=		X =		X =	
Independent (37 CFR 1.16(h))	*	Minus ***	=		X =		X =		
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						N/A		N/A	
						TOTAL ADD'T FEE		TOTAL ADD'T 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.

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 NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE RECD	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
12/798,995	04/14/2010	2617	655	IPVMCP02C1	19	4

CONFIRMATION NO. 3193

FILING RECEIPT



34071
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

Date Mailed: 05/04/2010

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)

Kwok Wai Cheung, Tai Po, CHINA;
Peter P. Tong, Mountain View, CA;
C. Douglass Thomas, Campbell, CA;

Power of Attorney: The patent practitioners associated with Customer Number 34071

Domestic Priority data as claimed by applicant

This application is a CON of 11/452,115 06/12/2006
which is a CIP of 11/006,343 12/07/2004 PAT 7,116,976
which claims benefit of 60/527,565 12/08/2003
and said 11/452,115 06/12/2006
claims benefit of 60/689,686 06/10/2005

Foreign Applications

If Required, Foreign Filing License Granted: 04/30/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/798,995**

Projected Publication Date: 08/12/2010

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Systems and processes to manage multiples modes of communication

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.

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1

CONFIRMATION NO. 3193

POA ACCEPTANCE LETTER



34071
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

Date Mailed: 05/04/2010

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/14/2010.

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.

/jchery/

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

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PHONE NUMBER:	SENDER'S REFERENCE NUMBER: IPVMCP02C1
RE:	RECIPIENT'S REFERENCE NUMBER: 12/798,995

NOTES/COMMENTS:

Transmitted herewith are the following documents for entry into the above-noted file:

Request for Corrected Filing Receipt	1 page
Copy of Original Filing Receipt	3 pages

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: Unassigned

Filed: April 14, 2010

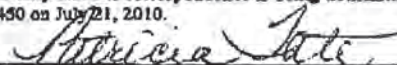
Group: 2617

Title: SYSTEMS AND PROCESSES TO MANAGE
MULTIPLE MODES OF COMMUNICATION

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 21, 2010.

Signed:



Printed Name: Patricia Tate

REQUEST FOR CORRECTED FILING RECEIPT

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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


Enclosed is a copy of the Filing Receipt for the above-identified patent application. Please reprint the Filing Receipt as follows and mail the corrected copy to the undersigned.

Change the Title:

"Systems and processes to manage ~~multiple~~ modes of communication"
to -- Systems and processes to manage ~~multiple~~ modes of communication--.

Since this is a Patent Office typographical error, no fee should be due. However, the Commissioner is authorized to charge any fees that may be due to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,



C. Douglass Thomas
Registration No. 32,947

5150 El Camino Real
Building A, Suite 22
Los Altos, CA 94022

Appin. No. 12/798,995

1

Atty. Docket No. IPVMCP02C1

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APPLICATION NUMBER	FILING or 371(c) DATE	OR PART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	END CLAIMS
12/798,995	04/14/2010	2617	655	IPVMCP02C1	19	4

CONFIRMATION NO. 3193

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Applicant(s)

Kwok Wai Cheung, Tai Po, CHINA;
Peter P. Tong, Mountain View, CA;
C. Douglass Thomas, Campbell, CA;

Power of Attorney: The patent practitioners associated with Customer Number 34071

Domestic Priority data as claimed by applicant

This application is a CON of 11/452,115 08/12/2008 ✓
which is a CIP of 11/006,343 12/07/2004 PAT 7,116,978 ✓
which claims benefit of 60/627,665 12/08/2003 ✓
and said 11/452,115 08/12/2008
claims benefit of 60/689,686 08/10/2005 ✓

Foreign Applications

If Required, Foreign Filing License Granted: 04/30/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 12/798,995

Projected Publication Date: 08/12/2010

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

TitleSystems and processes to manage ^{multiple} ~~multiple~~ modes of communication**Preliminary Class**

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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 multiple 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.stopsfakes.gov>. Part of a Department of Commerce initiative, this website includes an "Help Toolkit" 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 (1-866-899-4158).

LICENSE FOR FOREIGN FILING UNDER**Title 35, United States Code, Section 184****Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

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 the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

page 2 of 3

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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).



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	GRP ART UNIT	FIL FEE RECD	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
12/798,995	04/14/2010	2617	655	IPVMCP02C1	19	4

CONFIRMATION NO. 3193

CORRECTED FILING RECEIPT



34071
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

Date Mailed: 08/02/2010

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)

Kwok Wai Cheung, Tai Po, CHINA;
Peter P. Tong, Mountain View, CA;
C. Douglass Thomas, Campbell, CA;

Power of Attorney: The patent practitioners associated with Customer Number 34071

Domestic Priority data as claimed by applicant

This application is a CON of 11/452,115 06/12/2006 PAT 7,729,688
which is a CIP of 11/006,343 12/07/2004 PAT 7,116,976
which claims benefit of 60/527,565 12/08/2003
and said 11/452,115 06/12/2006
claims benefit of 60/689,686 06/10/2005

Foreign Applications

If Required, Foreign Filing License Granted: 04/30/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/798,995**

Projected Publication Date: 08/12/2010

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Systems and processes to manage multiple modes of communication

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.

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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

GRANTED

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 the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

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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
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1

CONFIRMATION NO. 3193

PUBLICATION NOTICE



OC000000043022711

34071
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

Title:Systems and processes to manage multiple modes of communication

Publication No.US-2010-0205272-A1

Publication Date:08/12/2010

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

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.	6,788,786	Sep. -04	Logan			
	2.	7,376,434	May -08	Thomas et al.			
	3.	7,403,972	Jul. -08	Lau et al.			
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Int.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OCT 06 2010

FAX

TO: Commissioner for Patents, Mail Stop:	FROM: C. Douglass Thomas Ph: 650-903-9200, Fax: 650-903-9800
COMPANY: United States Patent Office	DATE: 10/6/2010
FAX NUMBER: 571-273-8300	NO. OF PAGES (INCLUDING COVER): 4
PHONE NUMBER:	SENDER'S REFERENCE NUMBER: IPVMCP02C1
RE:	RECIPIENT'S REFERENCE NUMBER: 12/798,995

NOTES/COMMENTS:

Transmitted herewith are the following documents for entry into the above-noted file:

Information Disclosure Statement	2 pages
PTO-Form 1449	1 page

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS PRIVILEGED AND CONFIDENTIAL AND IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL NAMED ABOVE AND OTHERS WHO HAVE BEEN SPECIFICALLY AUTHORIZED TO RECEIVE SUCH. IF THE RECIPIENT IS NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, OR IF ANY PROBLEMS OCCUR WITH TRANSMISSION, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE AT (650)903-9200. THANK YOU.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al. Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: Unassigned

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 6, 2010.

Signed: 

Printed Name: Angela D. Nijlm

**INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which non-U.S. patents are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114.

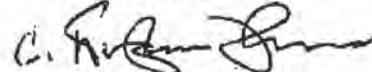
Appl. No. 12/798,995

1

Atty. Docket No. IPVMCP02C1

Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,



C. Douglass Thomas
Registration No. 32,947

5150 El Camino Real,
Building A, Ste. 22
Los Altos, CA 94022

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.						
	2.						
	3.						
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No
	CN 1463981	Nov. -03	China			X	

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	First Office Action for CN Patent Application No. 200880027964.9, dated 3/26/10 (17 pages).
B	Second Office Action for CN Patent Application No. 200880027964.9, dated 10/26/10 (14 pages).
C	
D	
E	
F	
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H	
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Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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NOV 10 2010



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100088



XQ12718417211

北京市海淀区知春路6号锦秋国际大厦A座511 北京同恒源知识产权代理有限公司
张水保

发文日:

2010年03月26日



申请号或专利号, 200680027964.9

发文序号: 2010032300505600

申请人或专利权人: 专利创投有限公司

发明创造名称: 管理多种通讯模式的系统和过程

第一次审查意见通知书

(进入国家阶段的POT申请)

- 1. 应申请人提出的实质审查请求, 根据专利法第35条第1款的规定, 国家知识产权局对上述发明专利申请进行实质审查。
 根据专利法第35条第2款的规定, 国家知识产权局决定自行对上述发明专利申请进行实质审查。
- 2. 申请人要求以其在:
US专利局的申请日2005年06月10日为优先权日。
- 3. 经审查, 申请人于____提交的修改文件, 不符合专利法实施细则第51条第1款的规定, 不予接受。
- 4. 审查是针对原始提交的国际申请的中文文本或中文译文进行的。
 审查是针对下列申请文件进行的:
- 5. 本通知书引用下列对比文献(其编号在今后的审查过程中继续沿用)

序号	文件号或名称	公开日期 (或抵触申请的申请日)
1	US2003/0041048A1	2003/02/27
2	US5930700A	1999/07/27

6. 审查的结论性意见:

关于说明书:

- 申请的内容属于专利法第5条规定的不授予专利权的范围。
- 说明书不符合专利法第26条第3款的规定。
- 说明书不符合专利法第33条的规定。
- 说明书的撰写不符合专利法实施细则第17条的规定。

关于权利要求书:

- 权利要求____不符合专利法第2条第2款的规定。
- 权利要求____不符合专利法第9条第1款的规定。
- 权利要求1-5, 10-19, 21-28不具备专利法第22条第2款规定的新颖性。



210402
2010.2

纸件申请, 四套副本, 100088 北京市海淀区门桥西北路6号 国家知识产权局 专利审查部
电子申请, 应通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外, 以纸件形式提交的文件视为未提交。

1 / 17



中华人民共和国国家知识产权局

- 权利要求 3-10, 18, 20-22, 29-33 不具备专利法第 22 条第 3 款规定的创造性。
- 权利要求 不具备专利法第 22 条第 4 款规定的实用性。
- 权利要求 属于专利法第 25 条规定的不授予专利权的范围。
- 权利要求 不符合专利法第 26 条第 4 款的规定。
- 权利要求 不符合专利法第 31 条第 1 款的规定。
- 权利要求 不符合专利法第 33 条的规定。
- 权利要求 不符合专利法实施细则第 19 条的规定。
- 权利要求 不符合专利法实施细则第 20 条的规定。
- 权利要求 不符合专利法实施细则第 21 条的规定。
- 权利要求 不符合专利法实施细则第 22 条的规定。

- 申请不符合专利法第 26 条第 5 款或者实施细则第 26 条的规定。
 - 申请不符合专利法第 20 条第 1 款的规定。
 - 分案申请不符合专利法实施细则第 43 条第 1 款的规定。
- 上述结论性意见的具体分析见本通知书的正文部分。

7. 基于上述结论性意见, 审查员认为:

- 申请人应当依照通知书正文部分提出的要求, 对申请文件进行修改。
- 申请人应当在意见陈述书中论述其专利申请可以被授予专利权的理由, 并对通知书正文部分中指出的不符合规定之处进行修改, 否则将不能授予专利权。
- 专利申请中没有可以被授予专利权的实质性内容, 如果申请人没有陈述理由或者陈述理由不充分, 其申请将被撤回。

8. 申请人应注意下列事项:

- (1) 根据专利法第 37 条的规定, 申请人应当在收到本通知书之日起的 4 个月内陈述意见, 如果申请人无正当理由逾期不答复, 其申请将被视为撤回。
- (2) 申请人对其申请的修改应当符合专利法第 33 条的规定, 不得超出原说明书和权利要求书记载的范围, 同时申请人对专利申请文件进行的修改应当符合专利法实施细则第 51 条第 3 款的规定, 按照本通知书的要求进行修改。
- (3) 申请人的意见陈述书和 / 或修改文本应当邮寄或递交国家知识产权局专利局受理处, 凡未邮寄或递交给受理处的文件不具备法律效力。
- (4) 未经预约, 申请人和 / 或代理人不得前来国家知识产权局与审查员举行会晤。

9. 本通知书正文部分共有 15 页, 并附有如下附件:

- 引用的对比文件的复印件共 _____ 份 _____ 页。

审查员: 汤晨光

联系电话: 010-62414229



210402
2010.2

信件申请, 回函请寄: 100088 北京市海淀区园东门桥西土坝路 8 号 国家知识产权局专利局受理处
电子申请, 应当通过电子专利申请系统以电子文件格式提交相关文件。除另有规定外, 以纸质格式提交的文件视为未提交。



中华人民共和国国家知识产权局

第一次审查意见通知书

(进入国家阶段的 PCT 申请)

申请号: 2006800279649

本申请涉及一种管理使用者的通讯的计算装置及其方法, 经审查, 现提出如下审查意见。

1、权利要求 1 不具备专利法第二十二条第二款规定的新颖性。

权利要求 1 请求保护一种管理使用者的通讯的计算装置, 对比文件 1 (US2003/0041048A1) 公开了一种通讯管理系统和方法, 并具体披露了以下特征 (参见说明书第[0027]段和[0036]段、附图 3), 该通讯是鉴于某个人正试图用电子手段给使用者发送信息, 该系统包括,

模块 340, 配置用来识别使用者状态的机构 (见附图 3);

模块 310, 配置用来识别该人身份的机构 (见附图 3);

模块 320 中, 配置用来识别该信息的紧急程度的机构 (见附图 3);

模块 320 中, 基于该人身份确定该人的访问优先权的机构 (见说明书第[0027]段第 1-2 行, 附图 3);

模块 350 和 360, 配置使用规则, 并鉴于使用者状态、该人的能取得联系的优先级和该信息的紧急程度来决定如何对该通讯信息进行操作 (相当于“设置过程管理该信息”)的机构 (见说明书第[0036]段, 附图 3)。

由此可见, 权利要求 1 所要求保护的技术方案与对比文件所 1 公开的内容相比, 所不同的仅仅是文字表达方式上略有差别, 其技术方案实质上是相同的, 且两者属于相同的技术领域, 采用相同的技术方案解决了同样的技术问题, 并能产生相同的技术效果, 因此该权利要求所要求保护的技术方案不具备新颖性。

2、权利要求 2 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 2 对权利要求 1 作了进一步的限定, 其限定部分的附加技术特征“使用者的状态取决于使用者当前的活动或位置, 或当前时间, 或使用者的状态由使用者定义”也以被对比文件 1 公开: 使用者的规则库包括使用者的活动、位置、和时间 (相当于“使用者的状态”, 参见说明书第[0025]段第 9-11 行), 使用者的状态由使用者的日程表、地址簿 (参见说明书第[0028]段第 1-3 行), 因而其在引用的权利要求 1 不具备新颖性的基础上, 从属权利要求 2 所要求保护的技术方案



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电子申请。请通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外, 以纸质文件形式提交的文件视为未提交。



中华人民共和国国家知识产权局

也不具备新颖性。

3、权利要求3不具备专利法第二十二条第二款规定的新颖性或专利法第二十二条第三款规定的创造性。

从属权利要求3对权利要求1或2作了进一步的限定，其限定部分的附加技术特征为“该人的能取得联系的优先级由使用者定义，或取决于使用者对该人以前信息的反应而设置”，对比文件1还公开了以下技术特征：规则库36由使用者定义（参见说明书第[0021]段第4-7行），规则库36中的呼叫优先级可以是呼叫者优先级或呼叫设备优先级（参见说明书第[0026]段第1-3行），可见“该人的能取得联系的优先级由使用者定义”的技术特征已被对比文件1公开，因而在其引用的权利要求1或2不具备新颖性的基础上，从属权利要求2进一步限定“该人的能取得联系的优先级由使用者定义”时的技术方案也不具备新颖性。

此外，对比文件2（US5930700A）公开了一种通讯管理系统和方法，并具体披露了以下技术特征：使用者根据对呼叫者呼叫的答复情况来更新该呼叫者的优先级（参见说明书第12栏第65-67行，附图12B），因而，“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”的附加技术特征已被对比文件2公开，且其在权利要求3和对比文件2中所起作用相同，使系统具有简单的智能记忆功能，便于使用者的操作，也就是说对比文件2给出了将上述技术特征应用于对比文件1以解决其技术问题的启示，在对比文件1的基础上结合对比文件2以得到从属权利要求3进一步限定“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”时的技术方案，对本领域技术人员来说是显而易见的，因而在其引用的权利要求1或2不具备新颖性的基础上，从属权利要求3进一步限定“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”时的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

4、权利要求4不具备专利法第二十二条第二款规定的新颖性或专利法第二十二条第三款规定的创造性。

从属权利要求4对权利要求1至3之一作了进一步的限定，其限定部分的附加技术特征“信息的紧急程度由该人设置”也已被对比文件1公开；呼叫者利用键盘、声音或其它方式输入数据设置呼叫优先级，包括低等、中等、正常、高等、紧急（参见说明书第[0008]段第10-11行），因而，在其引用的权利要求1至3之一不具备新颖性的基础上，从属权利要求4进一步限定的技术方案也不具备新颖性；在其引用的权利要求3不具备创造性的基础上，从属权利要求4进一步限定的技术方案也不具备创造性。

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纸件申请，请寄：100088 北京市海淀区中关村大街4号 国家知识产权局专利受理处
电子申请，请通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以纸件形式提交的文件视为未提交。



4 / 17



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请求保护的技术方案不具有突出的实质性特点和显著的进步，因而不具备创造性。

5. 权利要求 5 不具备专利法第二十二条第二款规定的新颖性或专利法第二十二条第三款规定的创造性。

从属权利要求 5 对权利要求 1 至 4 之一作了进一步的限定，其限定部分的附加技术特征“该过程取决于该信息的通讯模式，而且，其中通讯模式从以下选择：移动电话，办公电话，家庭电话，移动电话或 PDA 中的移动 SMS，用移动电话或 PDA 发的传呼信息，家用/办公室 SMS，移动在线聊天，家庭在线聊天，带有/不带有即时提醒的声音邮件，办公室传真，家庭传真，移动电子邮件，以及电子邮件”，对比文件 1 还公开了以下特征：呼叫者 10 和使用者 38 均通过各自的通讯设备和通讯网络连接到通讯节点 16 上（参见说明书第[0014]段第 1-5 行），因此可以直接地、毫无疑问地确定使用者如何对该通讯信息进行操作取决于通讯设备和模式（相当于“该过程取决于该信息的通讯模式”），通讯设备包括移动电话（参见说明书第[0014]段第 5 行）、办公电话、电子邮件（参见说明书表 1），可见“该过程取决于该信息的通讯模式，而且，其中通讯模式从以下选择：移动电话，办公电话，电子邮件”的技术特征已被对比文件 1 公开，因而，在其引用的权利要求 1 或 2 不具备新颖性的基础上，从属权利要求 5 进一步限定“该过程取决于该信息的通讯模式，而且，其中通讯模式从以下选择：移动电话，办公电话，电子邮件”时的技术方案也不具备新颖性；在其引用的权利要求 3 或 4 不具备创造性的基础上，从属权利要求 5 进一步限定“该过程取决于该信息的通讯模式，而且，其中通讯模式从以下选择：移动电话，办公电话，电子邮件”时的技术方案也不具备创造性。

此外，该附加技术特征中所述的除移动电话之外的其它通讯模式也是本领域常用的通讯模式，采用这些通讯模式是本领域的惯用技术手段，因而在其引用的权利要求 1 至 4 之一不具备新颖性或创造性的基础上，从属权利要求 5 进一步限定“该过程取决于该信息的通讯模式，而且，其中通讯模式从以下选择：家庭电话，移动电话或 PDA 中的移动 SMS，用移动电话或 PDA 发的传呼信息，家用/办公室 SMS，移动在线聊天，家庭在线聊天，带有/不带有即时提醒的声音邮件，办公室传真，家庭传真，移动电子邮件”时的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

6. 权利要求 6 不具备专利法第二十二条第三款规定的创造性。

从属权利要求 6 对权利要求 1 至 5 之一作了进一步的限定，其限定部分的附加技术特征为“使用者通过一个手持装置接收该信息，而且，其中使用者的状态由使用者使用该装置进行”



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收件邮编：100088 北京市海淀区蓟门桥西土城路 6 号 国家知识产权局 专利业务受理处
电子申请：应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以纸质文件形式提交的
文件视为未提交。



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定义”，对比文件 1 还公开了以下技术特征：使用者的通讯设备可以是移动电话、PDA 等（相当于“使用者通过一个手持装置接收该信息”，参见说明书第[0014]段第 5-10 行），包含了使用者的状态的规则可以由使用者设置（参见说明书第[0021]段第 13-14 行，第[0026]段第 1-4 行），对本领域技术人员来说，使用该手持装置来设置使用者的状态，以便于使用者操作，这是本领域的惯用技术手段，因而在其引用的权利要求 1 至 5 之一不具备新颖性或创造性的基础上，从属权利要求 6 请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

7、权利要求 7 不具备专利法第二十二条第三款规定的创造性。

从属权利要求 7 对权利要求 1 至 6 之一作了进一步的限定，其限定部分的附加技术特征为“该信息基于互联网协议通过一个网站用电子手段来发送，并且，其中虽然该过程允许使用者接收到该信息，但某人不知道使用者的联系方式，防止该人不通过网站直接联系使用者，或者使用者不知道该人的联系方式，以防止使用者不通过网站直接联系该人”，对比文件 1 公开了以下技术特征：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第 15-18 行），由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于“该信息基于互联网协议通过一个网站用电子手段来发送”），且该过程允许使用者接收到该信息。

此外，对比文件 1 还公开了以下技术特征：可以将呼叫转移到使用者的管理助手、备用电话设备、无线信息设备等（参见说明书第[0029]段第 2-12 行），对本领域技术人员来说，当呼叫者的通讯请求，例如来电，被转移到使用者的备用电话时，呼叫者可以不知道该备用电话的号码，使用者也可以不告知呼叫者该备用电话的号码，以防止呼叫者不通过上述网络而直接通过该备用号码与使用者取得联系，从而保护使用者的隐私，这是本领域技术人员容易想到的，对比文件 1 还公开以下技术特征了：系统可以通过声音识别、PIN 号码来确定呼叫者身份（参见说明书第[0034]段第 1-5 行），对本领域技术人员来说，一旦呼叫者的身份可以通过声音识别、PIN 号码的方式被系统确定并告知使用者，呼叫者便可以不把自己的实际联系方式告知给使用者，以防止使用者不通过上述网络而直接通过该联系方式与呼叫者取得联系，从而保护呼叫者的隐私，这也是本领域技术人员容易想到的，因而在其引用的权利要求 1 至 6 之一不具备新颖性或创造性的基础上，从属权利要求 6 请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

8、权利要求 8 不具备专利法第二十二条第三款规定的创造性。

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纸件申请，回函请寄：100088 北京市海淀区前门内大街 26 号 国家知识产权局 专利受理处
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以纸件形式提交的文件视为未提交。



6 / 17



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从属权利要求 8 对权利要求 1 至 7 之一作了进一步的限定，其限定部分的附加技术特征为“该信息基于互联网协议通过一个网站用电子手段来发送，而且，该人的已定义的能取得联系的优先级储存在该网站中，或储存在处于使用者控制下的私人数据库中”，对比文件 1 公开了以下技术特征：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第 15-18 行），且由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于“该信息基于互联网协议通过一个网站用电子手段来发送”）；对比文件 2 还公开了以下技术特征：包含呼叫者优先级的数据库可以储存于使用者的 PDA 中，PDA 还可以与网络数据库 308 通信，使网络数据库 308 中的数据与使用者 PDA 中的信息自动保持同步（参见说明书第 5 栏第 27-38 行，第 6 栏第 21 行），可见“该人的已定义的能取得联系的优先级储存在该网站中，或储存在处于使用者控制下的私人数据库中”的特征已被对比文件 2 公开，且其在权利要求 8 和对比文件 2 中所起作用相同，均是规则数据库提供存储空间，即对比文件 2 给出了将该技术特征应用于对比文件 1 以解决其技术问题的启示，因而在其引用的权利要求 1 至 7 之一不具备新颖性或创造性的基础上，从属权利要求 8 请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

9、权利要求 9 不具备专利法第二十二条第三款规定的创造性。

从属权利要求 9 对权利要求 1 至 8 之一作了进一步的限定，其限定部分的附加技术特征为“该信息基于互联网协议通过一个网站用电子手段来发送，其中该网站保存使用者的电子日历，而且，鉴于该日历的信息自动设置使用者与该人的约会”。对比文件 1 公开了以下技术特征：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第 15-18 行），由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于“该信息基于互联网协议通过一个网站用电子手段来发送”）；对比文件 2 还公开了以下技术特征：包括数据库在内的网络数据库 308 与使用者 PDA 中的信息自动保持同步（参见说明书第 5 栏第 27-38 行，第 6 栏第 21 行），数据库提供日历和日程表，约会日历安排使用者对呼叫者进行具体操作（参见说明书第 9 栏第 20-29 行，附图 9），可见“该网站保存使用者的电子日历，而且，鉴于该日历的信息自动设置使用者与该人的约会”的特征已被对比文件 2 公开，且其在权利要求 9 和对比文件 2 中所起作用相同，将电子日历保存于网站，为电子日历提供存储空间，并方便使用者与该人进行约会，即对比文件 2 给出了将该技术特征应用于对比文件 1 以解决其技术问题的启示，因而在其引用的权利要求 1 至 8 之一不具备新颖性或创造性的基础上，从属权利要求 9 请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。



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经申请，国务院，100085 北京市海淀区中关村西土城路 8 号 国家知识产权局 专利审查业务处
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以纸质形式提交的
文件视为未提交。



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10、权利要求 10 不具备专利法第二十二条第二款规定的新颖性或专利法第二十二条第三款规定的创造性。

从属权利要求 10 对权利要求 1 至 6 之一作了进一步的限定，其限定部分的附加技术特征“该信息基于互联网协议通过一个网站用电子手段来发送”也已被对比文件 1 公开：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第 15-18 行），且由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫，因而在其引用的权利要求 1 至 5 之一不具备新颖性的基础上，从属权利要求 10 请求保护的技术方案也不具备新颖性；在其引用的权利要求 3 至 6 之一不具备创造性的基础上，从属权利要求 10 请求保护的技术方案不具有突出的实质性特点和显著的进步，因而不具备创造性。

11、权利要求 11 不具备专利法第二十二条第二款规定的新颖性。

权利要求 11 请求保护一种用于为一个接收者管理流入通讯的用计算机来执行的方法，对比文件 1（US2003/0041048A1）公开了一种基于计算机执行的通讯管理系统和方法，并具体披露了以下特征（参见说明书第[0034]段第 10-11 行、表 1、附图 3），该方法包括：

呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“接收来自一个请求者的第一通讯类型的流入通讯请求”，见说明书第[0034]段第 10-11 行）；

通过访问使用者定义的规则库来确定呼叫优先级，规则库中包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则，（相当于“基于接收者提供的信息，确定请求者的能取得联系的优先级”，见说明书第[0021]段第 4-7 行，第[0026]段第 1-4 行、附图 3）；

基于规则库中的规则和呼叫优先级，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（相当于“基于一条或多条可配置的规则和请求者的能取得联系的优先级，为流入通讯请求确定一种适宜的通讯类型”，见说明书表 1 和附图 3）；

由此可见，权利要求 11 所要求保护的技术方案与对比文件所 1 公开的内容相比，所不同的仅仅是文字表达方式上略有差别，其技术方案实质上是相同的，且两者属于相同的技术领域，采用相同的技术方案解决了同样的技术问题，并能产生相同的技术效果，因此该权利要求所要求保护的技术方案不具备新颖性。

12、权利要求 12 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 12 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征为“通过



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纸件申请，国调函查：100088 北京市海淀区中关村西土城路 8 号 国家知识产权局专利局受理处
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以纸件形式提交的
文件视为未提交。

8 / 17



中华人民共和国国家知识产权局

一条或多条可配置的规则和/或该信息由接收者通过与一个网站的相互作用配置”，对比文件 1 还公开了以下技术特征：规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第 1-4 行），由说明书附图 1 可知，规则库 36 通过通讯节点 16 和通讯网络 18 联接，使用者 38 通过通讯网络 18 来设置规则库（见说明书第[0021]段第 4-7 行），而通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第 15-18 行），可见该附加技术特征也已被对比文件 1 所公开，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 12 请求保护的技术方案也不具备新颖性。

13、权利要求 13 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 13 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征为“其中一条或多条可配置的规则和/或该信息储存在一个数据库中”，对比文件 1 还公开了以下技术特征：规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第 1-4 行），且规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），可见该附加技术特征也已被对比文件 1 所公开，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 13 请求保护的技术方案也不具备新颖性。

14、权利要求 14 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 14 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征“适宜的通讯类型与第一通讯类型不同”也已被对比文件 1 公开，当呼叫者通过某 IP 地址或某电话号码进行通讯时，使用者选择的通讯方式可以是常规声音邮件和传呼信息（参见说明书表 1 第 2 行），因而其在引用的权利要求 11 不具备新颖性的基础上，从属权利要求 14 请求保护的技术方案也不具备新颖性。

15、权利要求 15 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 15 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征为“其中上述方法还包含了确定接收者的状态，而且，其中上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系的优先级以及接收者的状态，确定该流入通讯请求的适宜通讯类型”，对比文件 1 还公开了以下技术特征：确定使用者的状态（参见说明书附图 3 模块 340），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于呼叫者身份、呼叫优先级和使用者的状态，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 3），可见该附加技术特征也已被对比文件 1 所公开，因而其在引用的权利要求 11 不具备新颖性的基础上，从属权利要求 15 请求保护的技术方案也不具备新颖性。



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电子申请，应通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以数据电文形式提交的文件视为未提交。



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1 所公开，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 15 请求保护的技术方案也不具备新颖性。

16. 权利要求 16 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 16 对权利要求 15 作了进一步的限定，其限定部分的附加技术特征为“其中，上述方法还包括确定该流入通讯请求的紧急等级，并且其中，上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系的优先级、接收者的状态和该流入通讯请求的紧急等级，确定该流入通讯请求的适宜通讯类型”，对比文件 1 还公开了以下技术特征，确定呼叫的紧急程度（参见说明书附图 3 模块 320），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则、呼叫优先级、接收者状态和呼叫的紧急程度，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 3），可见该附加技术特征也已被对比文件 1 所公开，因而在其引用的权利要求 15 不具备新颖性的基础上，从属权利要求 16 请求保护的技术方案也不具备新颖性。

17. 权利要求 17 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 17 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征为“其中，上述方法进一步包括确定该流入通讯请求的紧急等级，并且其中，上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系的优先级和该流入通讯请求的紧急等级，确定该流入通讯请求的适宜通讯类型”，对比文件 1 还公开了以下技术特征，确定呼叫的紧急程度（参见说明书附图 3 模块 320），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则、呼叫优先级和呼叫的紧急程度，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 3），可见该附加技术特征也已被对比文件 1 所公开，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 17 请求保护的技术方案也不具备新颖性。

18. 权利要求 18 不具备专利法第二十二条第二款规定的新颖性或专利法第二十二条第三款规定的创造性。

从属权利要求 18 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征为“适宜通讯类型从以下多个通讯类型中选择，包括用移动电话打的电话，用办公电话打的电话，用固定电话打的电话，用移动电话发送的 SMS 信息，用 PDA 发的 SMS 信息，用移动电话发送的传呼信息，用 PDA 发的传呼信息，在线聊天，带或不带有即时提醒的声音邮件，办公传真，家庭传真”。

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电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，应当以 PDF 格式提交的文件均为未提交。

10 / 17



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传真和电子邮件”。对比文件 1 还公开了以下特征：呼叫者 10 和使用者 38 使用的通讯设备包括有线电话、移动电话、PDA、网络电话、传真等（参见说明书第[0014]段第 5-15 行），使用者对呼叫采取的适当通讯方式包括用移动电话发的传呼信息、电子邮件等（参见说明书第[0037]段第 1-6 行），可见“适宜通讯类型从以下多个通讯类型中选择，包括用移动电话发的传呼信息、电子邮件”的技术特征已被对比文件 1 公开，因而，在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 18 进一步限定“适宜通讯类型从以下多个通讯类型中选择，包括用移动电话发的传呼信息、电子邮件”时的技术方案也不具备新颖性；

除此之外，该附加技术特征中所述的其它通讯类型也是本领域常用的通讯类型，采用这些通讯类型是本领域的惯用技术手段，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 18 进一步限定“适宜通讯类型从以下多个通讯类型中选择，包括用移动电话打的电话，用办公电话拨的电话，家庭电话机打的电话，用移动电话发送的 SMS 信息，用 PDA 发的 SMS 信息，用 PDA 拨的传呼信息，在线聊天，带或不带有即时提醒的声音邮件，办公室传真，家庭传真”时的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

19、权利要求 19 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 19 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征为“其中，上述方法还包括确定接收者的状态，并且其中，上述确定步骤执行用以基于所述一条或多条可配置的规则，以及基于一个或多个以下因素：该流入通讯请求的时间，有关接收者当前活动的一条信息，以及接收者的当前位置，确定该流入通讯请求的适宜通讯类型”。对比文件 1 还公开了以下技术特征：确定使用者的状态（参见说明书附图 3 模块 340），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则，和基于以下一个或多个因素：呼叫时间、呼叫者的活动状态和位置，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 3），可见该附加技术特征也被对比文件 1 所公开，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 19 请求保护的技术方案也不具备新颖性。

20、权利要求 20 不具备专利法第二十二条第三款规定的创造性。

从属权利要求 20 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征为“上述适宜通讯类型的确定步骤通过学习更加智能地识别适宜的通讯类型”。对比文件 2 公开了通讯管理系统和方法，并具体披露了以下技术特征：呼叫者的优先级可以根据使用户该呼叫



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电子申请，应当通过电子专利申请系统以电子文件格式提交相关文件，除另有规定外，以 PDF 格式提交的
文件视为未提交。



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此次呼叫请求的答复情况而实现更新（参见说明书第 12 栏第 65-67 行，附图 12B），由对权利要求 11 的评述可知，基于呼叫者的优先级确定适宜的通讯类型，因此，对于该呼叫者下一次的呼叫请求，便可以基于更新后的呼叫者优先级来确定采取与前一次相同的通讯类型，（相当于“适宜通讯类型的确定步骤通过学习更加智能地识别适宜的通讯类型”），可见该附加技术特征已被对比文件 2 公开，且其在权利要求 20 和对比文件 2 中所起作用相同，使系统具有简单的智能记忆和学习功能，便于使用者的操作，也就是说对比文件 2 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的启示，在对比文件 1 的基础上结合对比文件 2 以得到从属权利要求 20 请求保护的技术方案，对本领域技术人员来说是显而易见的，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 20 也不具有突出的实质性特点和显著的进步，因而不具备创造性。

21、权利要求 21 不具备专利法第二十二条第二款规定的新颖性或专利法第二十二条第三款规定的创造性。

从属权利要求 21 对权利要求 11 作了进一步的限定，其限定部分的附加技术特征为“上述确定适宜的通讯类型，包括过滤该流入通讯请求，由此基于所述一条或多条可配置的规则以及请求者的能取得联系的优先级，该流入通讯请求能够被拒绝或改向到另一种较小打扰的通讯类型”，对比文件 1 还公开了以下技术特征：如果呼叫者身份未知，则无论何种呼叫优先级、何种使用者状态和位置、何种时间，对此呼叫请求采取的操作均为常规声音邮件（相当于“过滤该流入通讯请求”，参见说明书第[0030]段第 1-4 行、表 1）；规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则和呼叫优先级，决定对此呼叫请求采取适当的操作，例如声音邮件、传呼信息等（相当于“基于所述一条或多条可配置的规则以及请求者的能取得联系的优先级，该流入通讯请求改向到另一种较小打扰的通讯类型”，参见说明书表 1 和附图 3），可见，当附加技术特征为“上述确定适宜的通讯类型，包括过滤该流入通讯请求，由此基于所述一条或多条可配置的规则以及请求者的能取得联系的优先级，该流入通讯请求能够改向到另一种较小打扰的通讯类型”时，其也被对比文件 1 公开，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 21 请求保护的技术方案也不具备新颖性。

此外，对于本领域技术人员来说，对于某些不安全的或被列入黑名单的呼叫者，系统也可以自动拒绝其通讯请求，以提高该通讯管理方法的安全性，这是本领域的公知常识，因而，当附加技术特征为“上述确定适宜的通讯类型，包括过滤该流入通讯请求，由此基于所述一条或多条可配置的规则以及请求者的能取得联系的优先级，该流入通讯请求能够被拒绝”时，其也被对比文件 1 公开，因而在其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 21 请求保护的技术方案也不具备新颖性。



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电子申请，应通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以纸质文件形式提交的文件视为未提交。



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其引用的权利要求 11 不具备新颖性的基础上，从属权利要求 21 请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

22、权利要求 22 不具备专利法第二十二条第二款规定的新颖性或专利法第二十二条第三款规定的创造性。

从属权利要求 22 对权利要求 11 至 21 作了进一步的限定，其限定部分的附加技术特征为“上述方法还包含把第一通讯类型的流入通讯请求转移到一个适宜的通讯类型的通讯会话中”，对比文件 1 还公开了以下技术特征：规则库 36 规定采取的通讯类型可以是声音邮件，或将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移给个人助理并以即时消息的方式转发给使用者等（参见说明书第[0029]段第 2-12 行），可见该附加技术特征也已被对比文件 1 所公开，因而，在其引用的权利要求 11-19 或 21 之一不具备新颖性的基础上，从属权利要求 22 请求保护的技术方案也不具备新颖性；在其引用的权利要求 20 或 21 之一不具备创造性的基础上，从属权利要求 22 请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

23、权利要求 23 不具备专利法第二十二条第二款规定的新颖性。

权利要求 23 请求保护一种用于为一个接收者管理流入通讯的用计算机来执行的方法，对比文件 1 (US2003/0041048A1) 公开了一种基于计算机执行的通讯管理系统和方法，并具体披露了以下特征（参见说明书第[0029]段第 2-12 行，第[0034]段第 10-11 行、表 1、附图 3），该方法包括：

(a) 呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“接收指向接收者的流入通讯请求”，见说明书第[0034]段第 10-11 行）；

(b) 确定呼叫者身份、呼叫优先级、使用者的状态和位置等信息，并访问规则库决定如何对该通讯请求进行操作（相当于“鉴于该流入通讯请求，确定适用于处理指向该接收者的通讯请求时使用的预定通讯处理标准”，见说明书附图 3 模块 350）；

(c) 根据规则库中的规则，决定采取何种通讯类型，例如声音邮件，或将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移给个人助理并以即时消息的方式转发给使用者等（相当于“基于该预定通讯处理标准，确定是否及如何把该流入通讯请求转移到多个通讯模式中的一个特定通讯模式”，参见说明书第[0029]段第 2-12 行、附图 3 模块 360）；

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纸件申请，四色顶格：10008 北京市海定区中关村西土城路 6 号 国家知识产权局 专利受理处
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以电子文件形式提交的
文件视为未提交。



13 / 17



中华人民共和国国家知识产权局

(d) 执行上述决定中所选择的通讯模式(相当于“自动将该流入通讯请求转移到该特定通讯模式,如果确定如此的话”,附图3模块370)。

由此可见,权利要求23所要求保护的技术方案与对比文件所1公开的内容相比,所不同的仅仅是文字表达方式上略有差别,其技术方案实质上是相同的,且两者属于相同的技术领域,采用相同的技术方案解决了同样的技术问题,并能产生相同的技术效果,因此该权利要求所要求保护的技术方案不具备新颖性。

24、权利要求24不具备专利法第二十二条第二款规定的新颖性。

从属权利要求24对权利要求23作了进一步的限定,其限定部分的附加技术特征为“通讯处理标准的至少一个属性由接收者决定,而且其中,多个通讯模式至少包括三种通讯模式”,对比文件1还公开了以下技术特征:规则库36包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则(参见说明书第[0026]段第1-4行),且规则库36可由使用者设置(参见说明书第[0021]段第4-7行),采取的通讯类型可以是将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移给个人助理并以即时消息的方式转发给使用者等(参见说明书第[0029]段第2-12行),可见该附加技术特征已被对比文件1所公开,因而在其引用的权利要求23不具备新颖性的基础上,从属权利要求24请求保护的技术方案也不具备新颖性。

25、权利要求25不具备专利法第二十二条第二款规定的新颖性。

从属权利要求25对权利要求24作了进一步的限定,其限定部分的附加技术特征为“预定通讯处理标准取决于以下因素中的一个或多个:至少一个可配置的规则,请求者的能取得联系的优先级,接收者的状态,以及该流入通讯请求的紧急等级”,对比文件1还公开了以下技术特征:规则库包括呼叫优先级、使用者状态和呼叫的紧急程度等,基于上述因素中的一个或多个,根据规则库中的规则决定采取通讯的类型(参见说明书表1、附图3),可见该附加技术特征已被对比文件1所公开,因而在其引用的权利要求24不具备新颖性的基础上,从属权利要求25请求保护的技术方案也不具备新颖性。

26、权利要求26不具备专利法第二十二条第二款规定的新颖性。

从属权利要求26对权利要求24或25作了进一步的限定,其限定部分的附加技术特征为“预定通讯处理标准取决于至少一个可配置的规则,而且其中,该至少一个可配置的规则依赖于以下因素中的一个或多个:该流入通讯请求的时间,有关接收者当前活动的一条信息,请求者能取得联系的优先级,接收者的状态,该流入通讯请求的紧急等级以及接收者的当前位置”。对比

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专利审查, 国家知识产权局, 100088 北京市海淀区中关村西路6号 国家知识产权局专利局受理处
电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件, 除另有规定外, 以电子文件形式提交的文件视为未提交。

14 / 17



中华人民共和国国家知识产权局

文件 1 还公开了以下技术特征：规则库包括呼叫时间、使用者的活动、呼叫优先级、使用者状态、呼叫的紧急程度和使用者的位置等，基于规则库中上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型（参见说明书第[0025]段第 9-11 行、表 1、附图 3），可见该附加技术特征也已被对比文件 1 所公开，因而在其引用的权利要求 24 或 25 不具备新颖性的基础上，从属权利要求 26 请求保护的技术方案也不具备新颖性。

27、权利要求 27 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 27 对权利要求 24 作了进一步的限定，其限定部分的附加技术特征为“预定通讯处理标准取决于接收者的优先级显示”，对比文件 1 还公开了以下技术特征：模块 340 中，根据使用者的日程表、时间、位置等状态信息确定使用者优先级，进而决定采取通讯的类型，（参见说明书第[0035]段第 7-19 行、附图 3），可见该附加技术特征也已被对比文件 1 所公开，因而在其引用的权利要求 24 不具备新颖性的基础上，从属权利要求 27 请求保护的技术方案也不具备新颖性。

28、权利要求 28 不具备专利法第二十二条第二款规定的新颖性。

从属权利要求 28 对权利要求 24 至 27 之一作了进一步的限定，其限定部分的附加技术特征为“该流入通讯请求可以通过一个数据网络，而且，其中该通讯处理标准的至少一个属性是由接收者通过一个网络的相互作用而设置的”，对比文件 1 还公开了以下技术特征：由说明书附图 1 可知，呼叫者 10 的通讯请求通过通讯网络 14 传达给使用者 38，规则库 36 通过通讯节点 16 和通讯网络 18 联接，规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第 1-4 行），使用者 38 可以通过通讯网络 18 来设置规则库（见说明书第[0021]段第 4-7 行、附图 1），可见该附加技术特征也已被对比文件 1 所公开，因而在其引用的权利要求 24 至 27 之一不具备新颖性的基础上，从属权利要求 28 请求保护的技术方案也不具备新颖性。

29、权利要求 29 不具备专利法第二十二条第三款规定的创造性。

从属权利要求 29 对权利要求 24 至 28 之一作了进一步的限定，其限定部分的附加技术特征为“该流入通讯要求可以由接收者通过电话接收，而且，其中该通讯处理标准的至少一个属性由接收者通过该电话设置”，对比文件 1 还公开了以下技术特征：使用者的呼叫请求可以通过有线电话、移动电话等（相当于“该流入通讯要求可以由接收者通过电话接收”，参见说明书第[0021]段第 5-7 行），包含了呼叫优先级、使用者状态等参数的规则库可以由使用者通过该电话设置。

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纸件申请，应请寄：100084 北京市海淀区中关村东路 8 号 国家知识产权局 专利受理处
电子申请，应通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以纸件形式提交的文件视为未提交。

15 / 17



中华人民共和国国家知识产权局

通讯处理标准的至少一个属性由接收者设置”，参见说明书第[0021]段第 13-14 行，第[0026]段第 1-4 行），而对本领域技术人员来说，使用者使用自己的电话对规则库中的参数进行设置，以便于操作，这是本领域的惯用技术手段，因而在其引用的权利要求 24 至 28 之一不具备新颖性的基础上，从属权利要求 29 请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

30、权利要求 30 不具备专利法第二十二条第三款规定的创造性。

权利要求 30 请求保护一种用于为一个接收者管理流入通讯的用计算机来执行的方法，对比文件 1 (US2003/0041048A1) 公开了一种基于计算机执行的通讯管理系统和方法，并具体披露了以下特征（参见说明书第[0029]段第 2-12 行，第[0034]段第 10-11 行、表 1、附图 3），该方法包括：

(a) 呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“从请求者接受流入通讯请求”，见说明书第[0034]段第 10-11 行）；

(b) 确定呼叫者身份、呼叫优先级、使用者的状态和位置等信息，并访问规则库决定如何对该通讯请求进行操作（相当于“鉴于该流入通讯请求，确定适用于处理指向该接收者的通讯请求时使用的预定通讯处理标准”，见说明书附图 3 模块 350）；

(c) 规则库包括呼叫时间、使用者的活动、呼叫优先级、使用者状态、呼叫的紧急程度和使用者的位置等，基于规则库中上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型，例如声音邮件，或将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移给个人助理并以即时消息的方式转发给使用者等（相当于“基于一个或多个预定通讯处理标准，自动把该流入通讯请求导入到接收者接收请求的一个地址”，“请求者已与接收者通过接收者的地址建立通讯联系”，参见说明书第[0025]段第 9-11 行，第[0029]段第 2-12 行、附图 3）；

权利要求 30 所要求保护的技术方案与对比文件 1 公开的内容相比，其区别技术特征为“请求者不必知道或被提供接收者的地址”，对本领域技术人员来说，当呼叫者的通讯请求，例如来电，被转移到使用者的备用电话时，尽管他们之间建立了通话，但呼叫者可以不知道该备用电话的号码，使用者也可以设置不告知呼叫者该备用电话的号码，以保护使用者的隐私，因而该区别技术特征是本领域的惯用技术手段，在对比文件 1 的基础上结合本领域的惯用技术手段以得到该权利要求请求保护的技术方案，对本领域技术人员来说是显而易见的，因此权利要求 30 请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

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纸件申请，国调调管，100086 北京市海淀区蔚门街西土城路 6 号 国家知识产权局 的受理通知书
电子申请，应当通过电子专利申请系统以电子文件形式建立相关文件，除另有规定外，以纸件形式提交的文件视为未提交。

16 / 17



中华人民共和国国家知识产权局

31、权利要求31 不具备专利法第二十二条第三款规定的创造性。

从属权利要求31对权利要求30作了进一步的限定，其限定部分的附加技术特征“该地址是接收者的一个电话号码”也已被对比文件1公开：根据规则库中的规则决定采取通讯的类型，例如呼叫转移到备用电话设备（相当于“该地址是接收者的一个电话号码”，参见说明书第[0029]段第3-8行），因而在其引用的权利要求30不具备创造性的基础上，从属权利要求31请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

32、权利要求32 不具备专利法第二十二条第三款规定的创造性。

从属权利要求32对权利要求30或31作了进一步的限定，其限定部分的附加技术特征为“请求者通过一个请求者的地址发送该流入通讯请求，而且其中，尽管请求者已通过请求者地址与接收者建立通讯联系，接收者不必知道请求者地址，但接收者了解请求者的身份”。对比文件1还公开了以下技术特征：由说明书表1可知，呼叫者可以通过IP地址、电话号码、电子邮件等发送通讯请求，并与使用者建立通讯联系，而系统可以通过声音识别、PIN号码来确定呼叫者身份（参见说明书第[0034]段第1-5行），使用者也将了解呼叫者的身份，对本领域技术人员来说，一旦呼叫者的身份可以通过声音识别、PIN号码的方式被系统确定并告知使用者，呼叫者便可以不把自己当前的实际联系方式透露给使用者，以保护呼叫者的隐私，这是本领域技术人员容易想到的，因而在其引用的权利要求30或31不具备创造性的基础上，从属权利要求32请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

33、权利要求33 不具备专利法第二十二条第三款规定的创造性。

从属权利要求33对权利要求32作了进一步的限定，其限定部分的附加技术特征“请求者地址是一个电子邮件”也已被对比文件1公开（参见说明书表1），因而在其引用的权利要求32不具备创造性的基础上，从属权利要求33请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

基于上述理由，本申请的全部权利要求都不具备新颖性或创造性，同时说明书中也没有记载其他任何可以授予专利权的实质性内容。如果申请人不能提出表明本申请具有新颖性或创造性的充分理由，本申请将被驳回。

审查员姓名：汤晨光

审查员代码：336502



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纸件申请，国基请字：100088 北京市海淀区中关村东路5号 国家知识产权局 专利受理处
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以电子文件形式提交的文件视为未提交。

17 / 17



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北京市海淀区知春路49紫金数码园3号楼7层U707北京亿腾知识产权代理事务所
陈萃

发文日:

2010年10月25日



申请号或专利号: 200680027964.9

发文序号: 2010102001676920

申请人或专利权人: 专利创投有限公司

发明创造名称: 管理多种通讯模式的系统和过程

第二次审查意见通知书

1. 审查员已经收到申请人于2010年7月26日提交的意见陈述书, 在此基础上审查员对上述专利申请继续进行实质审查。

根据国家知识产权局专利复审委员会于...年...月...日作出的复审决定, 审查员对上述专利申请继续进行实质审查。

2. 经审查, 申请人于...提交的修改文件, 不符合专利法实施细则第51条第3款的规定, 不予接受。

3. 继续审查是针对下列申请文件进行的:

上述意见陈述书中所附的经修改的申请文件。

前次审查意见通知书所针对的申请文件以及上述意见陈述书中所附的经修改的申请文件替换文件。

前次审查意见通知书所针对的申请文件。

上述复审决定所确定的申请文件。

4. 本通知书未引用新的对比文件。

本通知书引用下列对比文件(其编号填前, 并在今后的审查过程中继续引用):

编号	文件号或名称	公开日期 (或抵触申请的申请日)
3	CN1453981A	20031105

5. 审查的结论性意见:

关于说明书:

申请的内容属于专利法第5条规定的不授予专利权的范围。

说明书不符合专利法第26条第3款的规定。

说明书的修改不符合专利法第33条的规定。

说明书的撰写不符合专利法实施细则第17条的规定。

关于权利要求书:



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纸件申请, 回函请寄: 100088 北京市海淀区门桥西北城路8号 国家知识产权局专利局受理处
电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外, 以纸件或其他形式提交的文件视为未提交。



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- 权利要求___不符合专利法第2条第2款的规定。
 - 权利要求___不符合专利法第9条第1款的规定。
 - 权利要求___不具备专利法第22条第2款规定的新颖性。
 - 权利要求 1-32 不具备专利法第22条第3款规定的创造性。
 - 权利要求___不具备专利法第22条第1款规定的实用性。
 - 权利要求___属于专利法第25条规定的不授予专利权的范围。
 - 权利要求___不符合专利法第26条第4款的规定。
 - 权利要求___不符合专利法第31条第1款的规定。
 - 权利要求___的修改不符合专利法第33条的规定。
 - 权利要求___不符合专利法实施细则第19条的规定。
 - 权利要求___不符合专利法实施细则第20条的规定。
 - 权利要求___不符合专利法实施细则第21条的规定。
 - 权利要求___不符合专利法实施细则第22条的规定。
 - ___
 - 申请不符合专利法第26条第5款或者实施细则第26条的规定。
 - 申请不符合专利法第20条第1款的规定。
 - 分案申请不符合专利法实施细则第43条第1款的规定。
- 上述结论性意见的具体分析见本通知书的正文部分。
- 6 基于上述结论性意见，审查员认为：
- 申请人应当按照通知书正文部分提出的要求，对申请文件进行修改。
 - 申请人应当在意见陈述书中论述其专利申请可以被授予专利权的理由，并对通知书正文部分中指出的不符合规定之处进行修改，否则将不能授予专利权。
 - 专利申请中没有可以被授予专利权的实质性内容，如果申请人没有陈述理由或者陈述理由不充分，其申请将被驳回。
 - ___
7. 申请人应注意下列事项：
- (1) 根据专利法第37条的规定，申请人应当在收到本通知书之日起的2个月内陈述意见，如果申请人无正当理由逾期不答复，其申请将被视为撤回。
- (2) 申请人对其申请的修改应当符合专利法第33条的规定，不得超出原说明书和权利要求书记载的范围，同时申请人对专利申请文件进行的修改应当符合专利法实施细则第51条第3款的规定，按照本通知书的要求进行修改。
- (3) 申请人的意见陈述书和/或修改文本应当邮寄或递交国家知识产权局专利局受理处，凡未邮寄或递交给受理处的文件不具备法律效力。
- (4) 未经预约，申请人和/或代理人不得前来国家知识产权局与审查员举行会晤。
8. 本通知书正文部分共有 12 页，并附有下列附件：
- 引用的对比文件的复印件共 ___ 份 ___ 页。
 - ___

审查员：汤风光

联系电话：010-82249081



210403
2010.2

经转申请，回函请寄：100088 北京市海淀区蓟门桥西土城路6号 国家知识产权局专利局受理处
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以信件等其他形式提交的文件视为未提交。



中华人民共和国国家知识产权局

第二次审查意见通知书

申请号: 2006800279649

申请人于2010年7月26日提交了意见陈述书和经过修改的申请文件, 审查员在阅读了上述文件后, 对本案继续进行审查, 再次提出如下审查意见。

(一)、权利要求1-32不具备专利法第22条第3款规定的创造性。

1、权利要求1请求保护一种管理使用者的通讯的计算装置, 对比文件1 (US2003/0041048A1) 公开了一种通讯管理系统和方法, 并具体披露了以下特征 (参见说明书第[0027]段和[0036]段, 附图3), 该通讯是鉴于某人正试图用电子手段给使用者发送信息, 该系统包括:

模块 340, 配置用来识别使用者状态的机构 (见附图3);

模块 310, 配置用来识别该人身份的机构 (见附图3);

模块 320 中, 配置用来识别该信息的紧急程度的机构 (见附图3);

模块 320 中, 基于该人身份确定该人的访问优先权的机构 (见说明书第[0027]段第1-2行, 附图3);

模块 350 和 360, 配置使用规则, 并鉴于使用者状态、该人的能取得联系的优先级和该信息的紧急程度来决定如何对该通讯信息进行操作 (相当于“设置过程管理该信息”) 的机构 (见说明书第[0036]段, 附图3);

通讯系统的通讯网络可以是广域网, 例如互联网, 万维网或其它在线服务 (参见说明书第[0016]段第15-18行)。由表1可知, 呼叫者可以通过电子邮箱地址来发出呼叫 (相当于“该信息基于互联网协议通过一个网站用电子手段来发送”);

权利要求1请求保护的技术方案与对比文件1的区别在于: 虽然该过程允许使用者接收到该信息, 但某人不知道使用者的联系方式, 防止该人不通过网站直接联系使用者, 或者使用者不知道该人的联系方式, 以防止使用者不通过网站直接联系该人。基于该区别技术特征可以确定: 权利要求1相对于对比文件1实际要解决的技术问题是: 在通讯过程中隐藏使用者或呼叫者的实际联系方式以保护用户隐私。对比文件3 (CN1453981A) 公开了一种电话通讯方法及装置, 并具体披露了以下技术特征: 通讯过程中利用了遮蔽通讯服务系统, 当设定以虚拟的遮蔽通讯代码与外界通讯时, 电话用户的原始电话号码即被遮蔽, 拨打电话与外界通讯时, 接收方的来电显示不会显示拨打方的原始电话号码, 以保障拨打方的个人隐私 (相当于“使用者不知道该人的联系方式, 以防止使用者不通过遮蔽通讯服务系统直接联系该人”, 参见说明书第2页第18-21行、附图1)。电话用户设定开启遮蔽通讯服务功能时, 电话用户系开放以遮蔽通讯代码与外界通讯, 仅知遮蔽通讯代码的特定人士, 能够利用电话用户形式上的通讯电话号码, 即遮蔽通讯代码来与电话用户通讯, 以增进电话用户的个人隐私 (相当于“该人不知道使用者的联系方式, 防止该人不通过遮蔽通讯服务系统直接联系使用者”, 参见说明书第4页倒数第5行至第5页第2行)。从上述技术特征对比文件1和本申请中



210403
2010.2

纸件申请, 国函通寄, 100088 北京市海淀区前门楼西土城路8号 国家知识产权局专利局受理处
电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件, 除另有规定外, 以纸件等其他形式提交的
文件视为未提交。



中华人民共和国国家知识产权局

的作用相同，均是保护用户的隐私，即对比文件 3 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的启示。尽管对比文件 3 中的采用的是隐蔽通讯服务系统，防止拨打方/用户不通过该系统直接联系用户/拨打方，然而对本领域技术人员来说，当通讯信息是基于对比文件 1 所公开的通过网站发送时，将对比文件 3 中的隐蔽通讯服务系统基于网站形式而设置，或者直接设置于对比文件 1 的网站中，从而防止该人/使用者不通过网站直接联系使用者/该人，这也是容易想到。由此可见，在对比文件 1 的基础上结合对比文件 3 以及本领域的惯用技术手段以得到该权利要求请求保护的技术方案，对于本领域技术人员来说是显而易见的，因此，权利要求 1 不具有突出的实质性特点和显著的进步，因而不具备创造性。

2、从属权利要求 2 对权利要求 1 作了进一步的限定，对比文件 1 还公开了以下特征：使用者的规则库包括使用者的活动、位置、和时间（相当于“使用者的状态取决于使用者当前的活动或位置”，参见说明书第 [0025] 段第 9-11 行）、使用者的状态由使用者的日程表、地址簿、位置等决定，并且使用者可以临时改变（相当于“使用者的状态由使用者定义”，参见说明书第 [0024] 段第 1-3 行），因而在其引用的权利要求 1 不具备创造性的基础上，从属权利要求 2 也不具备创造性。

3、从属权利要求 3 对权利要求 1 或 2 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库 36 由使用者定义（参见说明书第 [0021] 段第 4-7 行），规则库 36 中的呼叫优先级可以是呼叫者优先级或呼叫设备优先级（参见说明书第 [0026] 段第 1-3 行），可见“该人的能取得联系的优先级由使用者定义”的技术特征已被对比文件 1 公开。因而在其引用的权利要求 1 或 2 不具备创造性的基础上，从属权利要求 3 进一步限定“该人的能取得联系的优先级由使用者定义”时的技术方案也不具备创造性。

此外，对比文件 2（US5930700A）公开了一种通讯管理系统和方法，并具体披露了以下技术特征：使用者根据对呼叫者呼叫的答复情况来更新该呼叫者的优先级（参见说明书第 12 栏第 65-67 行，附图 12B），因而，“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”的附加技术特征已被对比文件 2 公开，且其在权利要求 3 和对比文件 2 中所起作用相同，均是使系统具有简单的智能记忆功能，便于使用者的操作，也就是说对比文件 2 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的启示，因此，在对比文件 1 的基础上结合对比文件 2、对比文件 3 以及本领域的惯用技术手段以得到从属权利要求 3 进一步限定“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”时的技术方案，对本领域技术人员来说是显而易见的，因而在其引用的权利要求 1 或 2 不具备创造性的基础上，从属权利要求 3 进一步限定“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”时的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

1、从属权利要求 4 对权利要求 1 至 3 之一作了进一步的限定，对比文件 1 还公开了以下技术特征：呼叫者利用键盘、声音或其它方式输入数据设置呼叫优先级，包括低等、中等、正常、高等，其中高等相当于最高信息的紧急程度由该人设置”，参见说明书第 [0034] 段第 6-7、10-11 行），因而，在其引用的权利要求 1 至 3 之



210403
2010.2

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电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以纸件等其他形式提交的
文件视为未提交。



中华人民共和国国家知识产权局

“不具备创造性的基础上，从属权利要求 4 也不具备创造性。”

5. 从属权利要求 5 对权利要求 1 至 4 之一作了进一步的限定，对比文件 1 还公开了以下技术特征：呼叫者 10 和使用者 38 均通过各自的通讯设备和通讯网络连接至通讯节点 16 上(参见说明书第[0014]段第 1-5 行)，因此可以直接地、毫无疑问地确定使用者如何对该通讯信息进行操作取决于通讯设备和模式(相当于“该过程取决于该信息的通讯模式”)，通讯设备包括移动电话(参见说明书第[0014]段第 5 行)、办公电话、电子邮件(参见说明书表 1)；此外，家庭电话、PDA 中的移动 SMS、用移动电话或 PDA 发的传呼信息、家用/办公室 SMS、移动在线聊天、家庭在线聊天、带有/不带有即时提醒的声音邮件、办公室传真、家庭传真、移动电子邮件等通讯模式均是本领域常用的通讯模式，采用这些通讯模式进行通信基本领域的惯常技术手段。因此，在其引用的权利要求 1 至 4 之一不具备创造性的基础上，从属权利要求 5 也不具备创造性。

6. 从属权利要求 6 对权利要求 1 至 5 之一作了进一步的限定，对比文件 1 还公开了以下技术特征：使用者的通讯设备可以是移动电话、PDA 等(相当于“使用者通过一个手持装置接收该信息”，参见说明书第[0014]段第 5-10 行)，包含了使用者的状态的规则库可以由使用者设置(参见说明书第[0021]段第 13-14 行，第[0026]段第 1-4 行)，而对本领域技术人员来说，直接使用该手持装置来设置使用者的状态，以便于使用者操作，这是本领域的惯用技术手段，因而在其引用的权利要求 1 至 5 之一不具备创造性的基础上，从属权利要求 6 也不具备创造性。

7. 从属权利要求 7 对权利要求 1 至 6 之一作了进一步的限定，对比文件 1 公开了以下技术特征：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务(参见说明书第[0015]段第 15-18 行)，且由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫(相当于“该信息基于互联网协议通过一个网站用电子手段来发送”)；对比文件 2 还公开了以下技术特征：包含呼叫者优先级的数据库可以储存于使用者的 PDA 中，PDA 还可以与网络数据库 308 通信，使网络数据库 308 中的数据与使用者 PDA 中的信息自动保持同步(相当于“该人的已定义的能取得联系的优先级储存在该网站中，或储存在处于使用者控制下的私人数据库中”，参见说明书第 5 栏第 27-38 行，第 6 栏第 21 行)，且其在权利要求 7 和对比文件 2 中所起作用相同，均是规则数据库提供存储空间，即对比文件 2 给出了将该技术特征应用于对比文件 1 以解决其技术问题的启示，因而在其引用的权利要求 1 至 6 之一不具备创造性的基础上，从属权利要求 7 也不具备创造性。

8. 从属权利要求 8 对权利要求 1 至 7 之一作了进一步的限定，对比文件 1 公开了以下技术特征：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务(参见说明书第[0015]段第 15-18 行)，由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫(相当于“该信息基于互联网协议通过一个网站用电子手段来发送”)；对比文件 2 还公开了以下技术特征：包括数据库在内的网络数据库 308 与使用者 PDA 中的信息自动保持同步(参见说明书第 5 栏第 27-38 行，第 6 栏第 21 行)，数据库提供规则和日程表，由会员所安排使用者对呼叫者进行具体操作(参见说明书第 9 栏第 20-25 行，附图 9)，(相当于“该网站提供使用者的



210403 2010. 2 纸件申请，回信请寄：100058 北京市海淀区中关村西土城路 8 号 国家知识产权局专利局受理处 电子申请，应当通过电子专利申请系统以电子文件格式提交相关文件，除另有规定外，以纸件等其他形式提交的文件视为未提交。



中华人民共和国国家知识产权局

电子日历，而且，鉴于该日历的信息自动设置使用者与该人的约会”。且其在权利要求 8 和对比文件 2 中所起作用相同，均是將电子日历保存于网站，为电子日历提供储存空间，并方便使用者与该人进行约会，即对比文件 2 给出了將该技术特征应用于对比文件 1 以解决其技术问题的启示，因而在其引用的权利要求 1 至 7 之一不具备创造性的基础上，从属权利要求 8 也不具备创造性。

9. 从属权利要求 9 对权利要求 1 至 8 之一作了进一步的限定，对比文件 1 还公开了：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第 15-18 行），且由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于“该信息基于互联网协议通过一个网站用电子手段来发送”），因而其在引用的权利要求 1 至 8 之一不具备创造性的基础上，从属权利要求 9 也不具备创造性。

10. 权利要求 10 请求保护一种基于网络入口为一个接收者管理流入通讯的用计算机来执行的方法，对比文件 1 公开了一种计算机执行的通讯管理系统和方法，其基于网络入口（参见说明书第[0015]段），并具体披露了以下特征（参见说明书第[0034]段第 10-11 行、表 1、附图 3），该方法包括：

呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“接收来自一个请求者的第一通讯类型的流入通讯请求”，见说明书第[0034]段第 10-11 行）；

通过访问使用者定义的规则库来确定呼叫优先级，规则库中包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则，（相当于“基于接收者提供的信息，确定请求者的能取得联系的优先级”，见说明书第[0021]段第 4-7 行，第[0026]段第 1-4 行，附图 3）；

基于规则库中的规则和呼叫优先级，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（相当于“基于一条或多条可配置的规则和请求者的能取得联系的优先级，为流入通讯请求确定一种适宜的通讯类型”，见说明书表 1 和附图 3）；

权利要求 10 请求保护的技术方案与对比文件 1 的区别在于：尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经基于网络入口直接发送消息给接收者，并且/或者尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经基于网络入口直接发送消息给请求者。基于该区别技术特征可以确定：权利要求 10 相对于对比文件 1 实际要解决的技术问题是：在通讯过程中隐藏请求者和/或接收者的实际联系方式以保护用户隐私。对比文件 3 (CN1453681A) 公开了一种电话通讯方法及装置，并具体披露了以下技术特征：通讯过程中利用了遮蔽通讯服务系统，当设定以虚拟的遮蔽通讯代码与外界通讯时，电话用户的原始电话号码即被遮蔽，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以保障拨打方的个人隐私（相当于“尽管接收者可以接收消息，但并不了解请求者的接触信息，从而避免接收者未经遮蔽通讯服务直接发送消息给请求者”，参见说明书第 19-21 行、附图 1），电话用户设定开启遮蔽通讯服务功能时，电话用户系开放以遮蔽通讯代码与外界通讯，仅知遮蔽通讯代码的特定人士，能够利用电话用户形式上的通讯电话号码，即遮蔽通讯代码，以保障个人隐私。



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持通讯,以增进电话用户的个人隐私(相当于“尽管接收者可以接收消息,但是请求者并不了解接收者的接触信息,从而避免请求者未经遮蔽通讯服务系统直接发送消息给接收者”,参见说明书第4页倒数第5行至第5页第2行),且上述技术特征在对比文件3和本申请中的作用相同,均是保护用户的隐私,即对比文件3给出了将上述技术特征应用于对比文件1以解决其技术问题的启示。尽管对比文件3中的采用的是遮蔽通讯服务系统,防止拨打方/用户不通过该系统直接联系用户/拨打方,然而对本领域技术人员来说,当通讯是基于对比文件1所公开的网络入口时,将对比文件3中的遮蔽通讯服务系统直接设置于对比文件1的网络入口中,从而避免请求者/接收者未经基于网络入口直接发送消息给接收者/请求者,这也是容易想到。由此可见,在对比文件1的基础上结合对比文件3以及本领域的惯用技术手段以得到该权利要求请求保护的技术方案,对于本领域技术人员来说是显而易见的,因此权利要求10不具有突出的实质性特点和显著的进步,因而不具备创造性。

11.从属权利要求11对权利要求10作了进一步的限定,对比文件1还公开了以下技术特征:规则库36包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则(参见说明书第[0026]段第1-4行),由说明书附图1可知,规则库36通过通讯节点16和通讯网络18联接,使用者38通过通讯网络18来设置规则库(参见说明书第[0021]段第4-7行),而通讯网络可以是广域网,例如互联网、万维网或其它在线服务(参见说明书第[0015]段第15-18行),相当于“所述一条或多条可配置的规则和/或该信息由接收者通过与一个网站的相互作用配置”,因而在其引用的权利要求10不具备创造性的基础上,从属权利要求11也不具备创造性。

12.从属权利要求12对权利要求10作了进一步的限定,对比文件1还公开了以下技术特征:规则库36包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则(参见说明书第[0026]段第1-4行),且规则库36可由使用者设置(参见说明书第[0021]段第4-7行),相当于“其中一条或多条可配置的规则和/或该信息储存在一个数据库中”,因而在其引用的权利要求10不具备创造性的基础上,从属权利要求12也不具备创造性。

13.从属权利要求13对权利要求10作了进一步的限定,被对比文件1还公开了:当呼叫者通过某IP地址或某电话号码进行通讯时,使用者选择的通讯方式可以是常规声音邮件和传呼信息(相当于“适宜的通讯类型与第一通讯类型不同”,参见说明书表1第2行),因而在其引用的权利要求10不具备创造性的基础上,从属权利要求13也不具备创造性。

14.从属权利要求14对权利要求10作了进一步的限定,对比文件1还公开了以下技术特征:使用者使用者的状态(参见说明书附图3模块340),规则库36可由使用者设置(参见说明书第[0021]段第4-7行),基于规则库中的规则、呼叫优先级和使用者状态,决定对此呼叫请求采取适当的操作(如常规声音邮件、传呼、声音邮件、自动呼叫使用者等通讯方式(参见说明书表1和附图3),相当于“上述方法还包含了确定接收

210403
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电子申请,应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外,以纸件等其他形式提交的文件视为未提交。

7 / 14



中华人民共和国国家知识产权局

者的状态,而且,其中上述确定步骤执行用以基于所述一条或多条可配置的规则,请求者的能取得联系的优先级以及接收者的状态,确定该流入通讯请求的适宜通讯类型”),因而其在引用的权利要求 10 不具备创造性的基础上,从属权利要求 14 也不具备创造性。

15. 从属权利要求 15 对权利要求 14 作了进一步的限定,对比文件 1 还公开了以下技术特征:确定呼叫的紧急程度(参见说明书附图 3 模块 320),规则库 36 可由使用者设置(参见说明书第[0021]段第 4-7 行),基于规则库中的规则,呼叫优先级、接收者状态和呼叫的紧急程度,决定对此呼叫请求采取适当的操作,如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式(参见说明书表 1 和附图 3),(相当于“上述方法还包括确定该流入通讯请求的紧急等级,并且其中,上述确定步骤执行用以基于所述一条或多条可配置的规则,请求者的能取得联系的优先级、接收者的状态和该流入通讯请求的紧急等级,确定该流入通讯请求的适宜通讯类型”),因而其在引用的权利要求 14 不具备创造性的基础上,从属权利要求 15 也不具备创造性。

16. 从属权利要求 16 对权利要求 10 作了进一步的限定,对比文件 1 还公开了以下技术特征:确定呼叫的紧急程度(参见说明书附图 3 模块 320),规则库 36 可由使用者设置(参见说明书第[0021]段第 4-7 行),基于规则库中的规则,呼叫优先级和呼叫的紧急程度,决定对此呼叫请求采取适当的操作,如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式(参见说明书表 1 和附图 3),(相当于“上述方法进一步包括确定该流入通讯请求的紧急等级,并且其中,上述确定步骤执行用以基于所述一条或多条可配置的规则,请求者的能取得联系的优先级和该流入通讯请求的紧急等级,确定该流入通讯请求的适宜通讯类型”),因而其在引用的权利要求 10 不具备创造性的基础上,从属权利要求 16 也不具备创造性。

17. 从属权利要求 17 对权利要求 10 作了进一步的限定,其限定部分的附加技术特征为“适宜通讯类型从以下多个通讯类型中择定,包括用”,对比文件 1 还公开了以下特征:呼叫者 10 和使用着 38 使用的通讯设备包括有线电话、移动电话、PDA、网络电话、传真等(参见说明书第[0114]段第 5-15 行),使用者对呼叫采取的适当通讯方式包括用移动电话发的传呼信息、电子邮件等(参见说明书第[0037]段第 1-6 行);除此之外,用移动电话打的电话、用办公电话拨的电话、家庭电话机打的电话,用移动电话发送的 SMS 信息,用 PDA 发的 SMS 信息,用 PDA 拨的传呼信息、在线聊天,带或不带有即时提醒的声音邮件、办公室传真,家庭传真等通讯类型也是本领域常用的通讯类型,采用这些通讯类型是本领域的惯用技术手段,因而其在引用的权利要求 10 不具备创造性的基础上,从属权利要求 17 也不具备创造性。

18. 从属权利要求 18 对权利要求 10 作了进一步的限定,对比文件 1 还公开了以下技术特征:确定使用者的状态(参见说明书附图 3 模块 340),规则库 36 可由使用者设置(参见说明书第[0021]段第 4-7 行),基于规则库中的规则,和基于以下一个或多个因素:呼叫时间、呼叫者的活动状态、接收者的状态,决定对此呼叫请求采取适当的操作,如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式(参见说明书表 1 和附图 3),(相当于“上述方法还包括确定接收者的状态,并且其中,上述确定步骤执行用以基于所述一条或多条可配置的规则,请求者的能取得联系的优先级、接收者的状态和该流入通讯请求的紧急等级,确定该流入通讯请求的适宜通讯类型”),因而其在引用的权利要求 10 不具备创造性的基础上,从属权利要求 18 也不具备创造性。



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2010.2 电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外, 以纸件等其他形式提交的文件视为未提交。



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置的规则,以及基于一个或多个以下因素:该流入通讯请求的时间,有关接收者当前活动的一条信息,以及接收者的当前位置,确定该流入通讯请求的适宜通讯类型”),因而在其引用的权利要求10不具备创造性的基础上,从属权利要求18也不具备创造性。

19、从属权利要求19对权利要求10作了进一步的限定,对比文件2公开了一种通讯管理系统和方法,并具体披露了以下技术特征:呼叫者的优先级可以根据使用者对该呼叫者此次呼叫请求的答复情况而实现更新(参见说明书第12栏第65-67行,附图12B)。由对权利要求10的评述可知,基于呼叫者的优先级确定适宜的通讯类型,因此,对于该呼叫者下一次的呼叫请求,便可以基于更新后的呼叫者优先级来确定采取与前一次相同的通讯类型。(相当于“适宜通讯类型的确定步骤通过学习更加智能地识别适宜的通讯类型”),且其在权利要求19和对比文件2中所起作用相同,均是使系统具有简单的智能记忆和学习功能,便于使用者的操作,也就是说对比文件2给出了将上述技术特征应用于对比文件1以解决其技术问题的启示,因此在对比文件1的基础上结合对比文件2、对比文件3以及本领域的惯用技术手段以得到从属权利要求19请求保护的技术方案,对本领域技术人员来说是显而易见的,因而在其引用的权利要求10不具备创造性的基础上,从属权利要求19也不具备创造性。

20、从属权利要求20对权利要求10作了进一步的限定,对比文件1还公开了以下技术特征:如果呼叫者身份未知,则无论何种呼叫优先级、何种使用者状态和位置、何种时间,对此呼叫请求采取的操作均为常规声音邮件(相当于“上述确定适宜的通讯类型,包括过能该流入通讯请求”,参见说明书第[0030]段第1-4行、表1);规则库36可由使用者设置(参见说明书第[0021]段第4-7行)。基于规则库中的规则和呼叫优先级,决定对此呼叫请求采取适当的操作,例如声音邮件、传呼信息等(相当于“基于所述一条或多条可配置的规则以及请求者的能取得联系的优先级,该流入通讯请求改向到另一种较小打扰的通讯类型”,参见说明书表1和附图3);此外,对于本领域技术人员来说,对于某些不安全的或被列入黑名单的呼叫者,系统也可以自动拒绝其通讯请求,以提高该通讯管理方法的安全性,这是本领域的惯用技术手段。因此,在其引用的权利要求10不具备创造性的基础上,从属权利要求20也不具备创造性。

21、从属权利要求21对权利要求10至20作了进一步的限定,对比文件1还公开了以下技术特征:规则库36规定采取的通讯类型可以是声音邮件,或将呼叫转移到管理助手、备用电话设备、无线信息设备、或转替给个人助理并以即时消息的方式转发给使用者等(相当于“把第一通讯类型的流入通讯请求转移到一个适宜的通讯类型的通讯会话中”,参见说明书第[0029]段第2-12行),因而,在其引用的权利要求10至20之一不具备创造性的基础上,从属权利要求21也不具备创造性。

22、权利要求22请求保护一种用于为一个接收者管理流入通讯的用计算机实现的方法,对比文件1公开了一种计算机执行的通讯管理系统和方法,其基于网络接入(参见说明书第[0153]段),并具体披露了以下特征(参见说明书第[0029]段第2-12行,第[0034]段第10-11行、表1、附图5)。



210403
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电子申请,应当通过电子专利申请系统以电子文件形式提交相关文件,除另有规定外,以信件等其他形式提交的
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(a) 呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“接收指向接收者的流入通讯请求”，见说明书第10034段第10-11行）；

(b) 确定呼叫者身份、呼叫优先级、使用者的状态和位置等信息，并访问规则库决定如何对该通讯请求进行操作（相当于“鉴于该流入通讯请求，确定适用于处理指向该接收者的通讯请求时使用的预定通讯处理标准”，见说明书附图3模块350）；

(c) 根据规则库中的规则，决定采取何种通讯类型，例如声音邮件，或将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移给个人助理并以即时消息的方式转发给使用者等（相当于“基于该预定通讯处理标准，确定是否及如何把该流入通讯请求转移到多个通讯模式中的一个特定通讯模式”，参见说明书第10029段第2-12行、附图3模块360）；

(d) 执行上述决定中所选择的通讯模式（相当于“自动将该流入通讯请求转移到该特定通讯模式，如果确定如此的话”，附图3模块370）；

权利要求22请求保护的技术方案与对比文件1的区别在于：尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经基于网络入口直接发送消息给接收者，并且/或者尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经基于网络入口直接发送消息给请求者。基于该区别技术特征可以确定：权利要求22相对于对比文件1实际要解决的技术问题是：在通讯过程中隐藏请求者和/或接收者的实际联系方式以保护用户隐私。对比文件3（CN1453981A）公开了一种电话通讯方法及装置，并具体披露了以下技术特征：通讯过程中利用了遮蔽通讯服务系统，当设定以虚拟的遮蔽通讯代码与外界通讯时，电话用户的原始电话号码即被遮蔽，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以保障拨打方的个人隐私（相当于“尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经遮蔽通讯服务直接发送消息给请求者”，参见说明书第2页第18-21行、附图1），电话用户设定开启遮蔽通讯服务功能时，电话用户系开放以遮蔽通讯代码与外界通讯，仅知遮蔽通讯代码的特定人士，能够利用电话用户形式上的通讯电话号码，即遮蔽通讯代码，与电话用户保持通讯，以增进电话用户的个人隐私（相当于“尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经遮蔽通讯服务系统直接发送消息给接收者”，参见说明书第4页倒数第5行至第5页第2行），且上述技术特征在对比文件3和本申请中的作用相同，均是保护用户的隐私，即对比文件3给出了将上述技术特征应用于对比文件1以解决其技术问题的启示。尽管对比文件3中的采用的是遮蔽通讯服务系统，防止拨打方/用户不通过该系统直接联系用户/拨打方，然而对本领域技术人员而言，基于对比文件1所公开的网络入口时，将对比文件3中的遮蔽通讯服务系统直接设置于对比文件1的网络入口中，从而避免请求者/接收者未经基于网络入口直接发送消息给接收者/请求者，这也是容易想到的。因此，在对比文件1的基础上结合对比文件3以及本领域的惯用技术手段以得到该权利要求22请求保护的技术方案，对



210403
2010.2

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电子申请，应通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以纸件将其他形式提交的文件视为未提交。



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于本领域技术人员来说是显而易见的，因此权利要求 22 不具有突出的实质性特点和显著的进步，因而不具备创造性。

23、从属权利要求 23 对权利要求 22 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库 38 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第 1-4 行），且规则库 38 可由使用者设置（相当于“通讯处理标准的至少一个属性由接收者决定”，参见说明书第[0021]段第 4-7 行），采取的通讯类型可以是将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移给个人助理并以即时消息的方式转发给使用者等（相当于“多个通讯模式至少包括三种通讯模式”，参见说明书第[0029]段第 2-12 行），因而在其引用的权利要求 22 不具备创造性的基础上，从属权利要求 23 也不具备创造性。

24、从属权利要求 24 对权利要求 23 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库包括呼叫优先级、使用者状态和呼叫的紧急程度等，基于上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型（相当于“预定通讯处理标准取决于以下因素中的一个或多个：至少一个可配置的规则，请求者的能取得联系的优先级，接收者的状态，以及该流入通讯请求的紧急等级”，参见说明书表 1、附图 3），因而在其引用的权利要求 23 不具备创造性的基础上，从属权利要求 24 也不具备创造性。

25、从属权利要求 25 对权利要求 23 或 24 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库包括呼叫时间、使用者的活动、呼叫优先级、使用者状态、呼叫的紧急程度和使用者的位置等，基于规则库中上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型（相当于“预定通讯处理标准取决于至少一个可配置的规则，而且其中，该至少一个可配置的规则利用以下因素中的一个或多个：该流入通讯请求的时间，有关接收者当前活动的一条信息，请求者的能取得联系的优先级，接收者的状态，该流入通讯请求的紧急等级以及接收者的当前位置”，参见说明书第[0025]段第 9-11 行、表 1、附图 3），因而在其引用的权利要求 23 或 24 不具备创造性的基础上，从属权利要求 25 也不具备创造性。

26、从属权利要求 26 对权利要求 23 作了进一步的限定，对比文件 1 还公开了以下技术特征：模块 340 中，根据使用者的日程表、时间、位置等状态信息确定使用者优先级，进而决定采取通讯的类型（相当于“预定通讯处理标准取决于接收者的优先级显示”，参见说明书第[0035]段第 7-19 行、附图 3），因而在其引用的权利要求 23 不具备创造性的基础上，从属权利要求 26 也不具备创造性。

27、从属权利要求 27 对权利要求 23 至 26 之一作了进一步的限定，对比文件 1 还公开了以下技术特征：由说明书附图 1 可知，呼叫者 10 的通讯请求通过通讯网络 14 传送给使用者 38，规则库 36 通过通讯节点 16 和通讯网络 18 连接，规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第 1-4 行），使用者 38 可以通过通讯网络 18 来设置规则库（参见说明书第[0021]段第 4-7 行、附图 1），（相当于“该流入通讯请求可以通过一个数据网络，而且，其中该通讯处理标准的至少一个属性是由接收者通过与一个网络的相互作用而设置的”），因而在其引用的权利要求 23 至 26 不具备创造性的基础上，从属权利要求 27 也不具备创造性。



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础上，从属权利要求 27 也不具备创造性。

26、从属权利要求 28 对权利要求 23 至 27 之一作了进一步的限定，对比文件 1 还公开了以下技术特征：使用者的通讯设备可以有线电话、移动电话等（相当于“该流入通讯请求可以由接收者通过电话接收”，参见说明书第[0014]段第 5-7 行），包含了呼叫优先级、使用者状态等参数的规则库可以由使用者设置（相当于“该通讯处理标准的至少一个属性由接收者设置”，参见说明书第[0021]段第 13-14 行，第[0026]段第 1-4 行），而对本领域技术人员来说，使用者使用自己的电话对规则库中的参数进行设置，以便于操作，这是本领域的惯用技术手段，因而在其引用的权利要求 23 至 27 之一不具备创造性的基础上，从属权利要求 28 也不具备创造性。

28、权利要求 29 请求保护一种用于为一个接收者管理流入通讯的用计算机来执行的方法，对比文件 1 公开了一种基于计算机执行的通讯管理系统和方法，并具体披露了以下特征（参见说明书第[0029]段第 2-12 行，第[0034]段第 10-11 行，表 1、附图 3），该方法包括：

(a) 呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“从请求者接收流入通讯请求”，见说明书第[0034]段第 10-11 行）；

(b) 确定呼叫者身份、呼叫优先级、使用者的状态和位置等信息，并访问规则库决定如何对该通讯请求进行操作（相当于“基于该流入通讯请求，确定适用于处理指向该接收者的通讯请求时使用的预定通讯处理标准”，见说明书附图 3 模块 350）；

(c) 规则库包括呼叫时间、使用者的活动、呼叫优先级、使用者状态、呼叫的紧急程度和使用者的位置等，基于规则库中上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型，例如声音邮件，或将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移到个人助理并以即时消息的方式转发给使用者等（相当于“基于一个或多个预定通讯处理标准，自动将该流入通讯请求导入到接收者接收请求的一个地址”，“请求者已与接收者通过接收者的地址建立通讯联系”，参见说明书第[0025]段第 9-11 行，第[0029]段第 2-12 行、附图 3）；

权利要求 29 请求保护的技术方案与对比文件 1 的区别在于，“请求者不必知道或被提供接收者的地址”，对本领域技术人员来说，当呼叫者的通讯请求，例如来电，被转移到使用者的备用电话时，尽管他们之间建立了通话，但呼叫者可以不知道该备用电话的号码，使用者也可以设置不告知呼叫者该备用电话的号码，以保护使用者的隐私，这是本领域的惯用技术手段，因而在对比文件 1 的基础上结合本领域的惯用技术手段以得到该权利要求请求保护的技术方案，对本领域技术人员来说是显而易见的，因此该权利要求请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

30、从属权利要求 30 对权利要求 29 作了进一步的限定，对比文件 1 还公开了根据规则库中的规则决定采取通讯的类型，例如呼叫转移到备用电话设备（相当于“该地址是接收者的一个电话设备”，参见说明书

210403
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电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以纸件等其他形式提交的文件视为未提交。

12 / 14



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第[0029]段第3-8行), 因而在其引用的权利要求29不具备创造性的基础上, 从属权利要求30也不具备创造性。

31. 从属权利要求31对权利要求29或30作了进一步的限定, 对比文件1还公开了以下技术特征: 由说明书表1可知, 呼叫者可以通过IP地址、电话号码、电子邮件等发送通讯请求, 并与使用者建立通讯联系, 而系统可以通过声音识别、PIN号码来确定呼叫者身份(相当于“请求者通过一个请求者的地址发送该流入通讯请求, 请求者通过请求者地址与接收者建立通讯联系, 接收者了解请求者的身份”, 参见说明书第[0031]段第1-5行); 此外, 对比文件3公开了一种电话通讯方法及装置, 并具体披露了以下技术特征, 通讯过程中利用了遮蔽通讯服务系统, 当设定以虚拟的遮蔽通讯代码与外界通讯时, 电话用户的原始电话号码即被遮蔽, 拨打电话与外界通讯时, 接收方的来电显示不会显示拨打方的原始电话号码, 以保障拨打方的个人隐私(相当于“请求者已通过请求者地址与接收者建立通讯联系, 接收者不必知道请求者地址”, 参见说明书第2页第18-21行、附图1), 且上述技术特征在对比文件3和本申请中的作用相同, 均是隐藏请求者的实际联系方式以保护其隐私, 即对比文件3给出了将上述技术特征应用于对比文件1以解决其技术问题的启示。由此可见, 在对比文件1的基础上结合对比文件3以及本领域的惯用技术手段以得到该权利要求请求保护的技术方案, 对于本领域技术人员来说是显而易见的, 因此在其引用的权利要求29或30不具备创造性的基础上, 从属权利要求31也不具有突出的实质性特点和显著的进步, 因而不具备创造性。

32. 从属权利要求32对权利要求31作了进一步的限定, 其限定部分的附加技术特征“请求者地址是一个电子邮件”也已被对比文件1公开(参见说明书表1), 因而在其引用的权利要求31不具备创造性的基础上, 从属权利要求32也不具备创造性。

(二) 对于申请人的意见陈述

申请人认为对比文件1和2均没有教导或暗示下列限定特征的一个或多个: 尽管用户可以接收消息, 呼叫者并不了解用户的接触信息, 从而避免呼叫者未经基于网络入口直接发送消息给用户, 并且/或者尽管用户可以接收消息, 用户并不了解呼叫者的接触信息, 从而避免用户未经基于网络入口直接发送消息给呼叫者。因而将上述技术特征加入原独立权利要求1, 11和23后, 新的权利要求便具有新颖性和创造性; 而原独立权利要求30也记载上述技术特征, 因而具有创造性。

审查员对此持不同意见:

首先, 对比文件3公开了上述特征, 且作用在本申请中相同, 具体可以参见前面对权利要求1, 10, 22及其从属权利要求的评述。

此外, 实际上, “尽管用户可以接收消息, 呼叫者并不了解用户的接触信息” (即原独立权利要求30中的区别技术特征), 对应了现有技术中的常用的呼叫转移情况, 例如, 当呼叫者致电手机时, 用户可以转移来



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中转移至某一固定电话，而且通常情况下呼叫者并不知道该固定电话的号码的，这是本领域的惯用技术手段；而“尽管用户可以接收消息，用户并不了解呼叫者的接触信息”的特征在例如对比文件3等很多现有技术中有过记载（例如，公开日为1999年12月15日的CN1238626A、公开日为2004年2月11日的G82391750A等），呼叫者可以隐藏自己的实际号码与别人进行通信联系，以保证隐私，这在本领域也是很惯用的。

因此，申请人认为权利要求具有创造性的意见陈述不具有说服力。

基于上述理由，本申请的全部权利要求都不具备创造性，同时说明书中也没有记载其他任何可以授予专利权的实质性内容。如果申请人不能提出表明本申请具有创造性的充分理由，本申请将被驳回。

审查员姓名：汤展光



210403
2010.2

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14 / 14

Shielding communication method for telephone subscribers and its service method

Publication number: CN1453981 (A) **Also published as:**
Publication date: 2003-11-05 CN100420258 (C)
Inventor(s): WEI ZONGXING [CN] +
Applicant(s): WEI ZONGXING [CN] +
Classification:
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- **European:**
Application number: CN20021018583 20020428
Priority number(s): CN20021018583 20020428

Abstract of CN 1453981 (A)

In the method, one set of mobilephone or telephone can be used for two purposes and black-out function of communication service can be set at on or off in any time and any place according to private desire so as to distinguish public-private time and field of the person clearly so that interference from unnecessary personal relation communication can be avoided and more private matters are ensured in order to raise living quality of the phone user.

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FAX

TO: Commissioner for Patents, Mail Stop:	FROM: Peter P. Tong Ph: 650-903-9200, x102 Fax: 650-903-9800
COMPANY: United States Patent Office	DATE: 11/10/2010
FAX NUMBER: 571-273-8300	NO. OF PAGES (INCLUDING COVER): 36
PHONE NUMBER:	SENDER'S REFERENCE NUMBER: IPVMCP02C1
RE:	RECIPIENT'S REFERENCE NUMBER: 12/798,995

NOTES/COMMENTS:

Transmitted herewith are the following documents for entry into the above-noted file:

Information Disclosure Statement	2 pages
PTO-Form 1449	1 page
Copies of Non-US References	
First Office Action for CN 200680027964.9	17 pages
Second Office Action for CN 200680027964.9	14 pages
Abstract of CN 1463981	1 pages

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NOV 10 2010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.	Attorney Docket No.: IPVMCP02C1
Application No.: 12/798,995	Examiner: Unassigned
Filed: April 14, 2010	Group: 2617
Title: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION	

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 10, 2010.

Signed: 
Printed Name: Angela D. Nijlm

**INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which non-U.S. patents are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114.

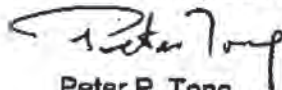
Appl. No. 12/798,995

1

Atty. Docket No. IPVMCP02C1

Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,



Peter P. Tong
Registration No. 35,757

5150 El Camino Real,
Building A, Ste. 22
Los Altos, CA 94022



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1	3193
34071	7590	04/11/2011	EXAMINER	
IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022			DOAN, KIET M	
			ART UNIT	PAPER NUMBER
			2617	
			MAIL DATE	DELIVERY MODE
			04/11/2011	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. 12/798,995	Applicant(s) CHEUNG ET AL.	
	Examiner KIET DOAN	Art Unit 2617	

-- 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 14 April 2010.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-17, 19 and 20 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-17, 19 and 20 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 14 April 2010 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| <ul style="list-style-type: none"> 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date <u>11/10/2010; 10/06/2010 and 04/14/2010</u> | <ul style="list-style-type: none"> 4) <input type="checkbox"/> Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____ 5) <input type="checkbox"/> Notice of Informal Patent Application 6) <input type="checkbox"/> Other: _____ |
|---|--|

DETAILED ACTION

This instant application is continuation of 11/452,115 now (US Patent 7,729,688 B2).

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 11/10/2010; 10/06/2010 and 04/14/2010. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Drawings

The drawings were received on 04/14/2010 these drawing are acceptable by the examiner.

Claim Objections

Claims 2-10 and 13-19 are objected to because of the following informalities:

Claims 2-19 and 13-19 the phrase "A computer-implement..." should be change to "The computer-implement...".

Claim 18 is missing and/or not file and the total claims should be 19.

Claim 19 should change to claim 18.

Claim 20 should change to claim 19

Appropriate correction is required.

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.

Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites the limitation "the use and the person" in lines 4 and 5. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-17 and 19-20 are rejected under 35 U.S.S 101 because the claimed invention is directed to non-statutory subject matter.

Claims 1-17 and 19-20 are drawn to "A computer-implement..." that covers both transitory and non-transitory and the specification must empirically define the bounds of what a computer-implement can be and must not include language such as "frequency, signals, carrier wave or transmission media".

A claim drawn to such a computer readable medium that covers both transitory and non-transitory embodiments may be amended to narrow the claim to cover only statutory embodiments to avoid a rejection under 35 U.S.C. § 101 by adding the limitation "non-transitory" to the claim. Cf. *Animals - Patentability*, 1077 Off. Gaz. Pat. Office 24 (April 21, 1987).

Such an amendment would typically not raise the issue of new matter, even when the specification is silent because the broadest reasonable interpretation relies on the ordinary and customary meaning that includes signals per se.

The limited situations in which such an amendment could raise issues of new matter occur, for example, when the specification does not support a non-transitory embodiment because a signal per se is the only viable embodiment such that the amended claim is impermissibly broadened beyond the supporting disclosure. See, e.g., *Gentry Gallery, Inc. v. Berkline Corp.*, 134 F.3d 1473 (Fed. Cir. 1998).

The examiners suggest the applicant may amend claims 1-17 and 19-20 by adding "A non-transitory computer-implement ..." in order to overcome 101 rejections. Appropriate correction is required.

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 1-6, 11-16 and 19-20 are rejected under 35 U.S.C. 102 (e) as being anticipated by Pepper et al. (US 5,930,700).

In regard to the examiner's interpretation of claim language:

1) "the user" is broadly and reasonably interpreted as subscriber with mobile phone, communication device and/or PDA"

2) "the person" and "the requestor" is broadly and reasonable interpreted as "the caller" and/or "incoming calls".

Regarding **claim 1**, Pepper teaches a computer-implemented method to manage the communication of a user in view of a person trying to electronically convey a message to the user, the method comprising:

identifying the status of the user (Col.3, lines 48-51 teach subscriber enter list of schedule and list of client into his/her communication device/PDA);

identifying the identity of the person (Col.3, lines 18-20, Col.5, lines 55-60, Col.6, lines 12-25 teach received call form caller and determine the original call);

identifying the urgency of the message (Col.8,lines 60-65, Col.9 ,lines 60-65, fig.7 and fig.11 illustrate and teach the urgency of the messages);

determining the access priority of the person based on the person's identity; and setting a process to manage the message using one or more rules, and in view of the status of the user, the access priority of the person and the urgency of the message (Col.4, lines 62-67, Col.5, lines 1-18, Col.9, lines 11-30, Col.10, lines 47-67, Col.11, lines 1-16 teach determine the priority of caller/client's call and setting or instruct the high/most priority call route to subscriber/user and the less priority route to voice mail or prefer number).

Regarding **claim 2**, Pepper teaches a computer-implemented method as recited in claim 1, wherein the status of the user depends on the current activity or location of

the user, or the current time, or the status of the user is defined by the user (Col.10, lines 65-67, Col.11, lines 1-8).

Regarding **claim 3**, Pepper teaches a computer-implemented method as recited in claim 1, wherein the access priority of the person is defined by the user (Col.3, lines 18-20, Col.12, lines 7-13, fig.12b, step 1220), or is set depending on the user's reaction towards a prior message from the person.

Regarding **claim 4**, Pepper teaches a computer-implemented method as recited in claim 1, wherein the urgency of the message is set by the person (Col.9, line 64)..

Regarding **claim 5**, Pepper teaches a computer-implemented method as recited in claim 1, wherein the method depends on the mode of communication of the message, and wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email (Col.5, lines 1-18, Col.10, lines 60-67, Col.11, lines 1-17).

Regarding **claim 6**, Pepper teaches a computer-implemented method as recited in claim 1, wherein the user receives the message through a handheld device, and

wherein the status of the user is defined by the user using the handheld device (Col.3, lines 48-51, Col.5, lines 29-38).

Regarding **claims 11, 12 and 20**, Pepper teaches a computer-implemented method for managing incoming communication for a recipient, said method comprising:

receiving an incoming communication request of a first communication type from a requestor (Col.4, lines 57-60, fig.12A step 1202);

determining an access priority for the requestor based on information provided by the recipient (Col.9, lines 12-18, fig.12B Illustrate and described); and

determining an appropriate communication type for the incoming communication request based on one or more configurable rules and the access priority for the requestor (Col.4, lines 62-67, Col.5, lines 1-18, Col.9, lines 11-30, Col.10, lines 47-67, Col.11, lines 1-16 teach determine the priority of caller/client's call and setting or instruct the high/most priority call route to subscriber/user and the less priority route to voice mail or prefer number

Regarding **claim 13**, Pepper teaches a computer-implemented method as recited in claim 12, wherein at least one attribute of the communication processing criteria is decided by the recipient (Col.3, lines 18-20, Col.12, lines 7-13, fig.12b, step 1220), and wherein the plurality of communication modes includes at least three communication modes (Col.5, lines 1-18, Col.10, lines 47-67).

Regarding **claim 14**, Pepper teaches a computer-implemented method as recited in any of claim 13, wherein the predetermined communication processing criteria depend on one or more of: at least one configurable rule, access priority for the requestor, status of the recipient, and urgency level of the incoming communication request (Col.10, lines 45-67, Col.11, lines 1-18).

Regarding **claim 15**, Pepper teaches a computer-implemented method as recited in any of claim 13, wherein the predetermined communication processing criteria depend on at least one configurable rule, and wherein the at least one configurable rule makes use of one or more of the following factors: the time of day of the incoming communication request, a piece of information regarding the current activity of the recipient, access priority for the requestor, status of the recipient, urgency level of the incoming communication request and the current location of recipient (Col.5, lines 1-19, Col.10, lines 47-67, Col.11, lines 1-16).

Regarding **claim 16**, Pepper teaches a computer-implemented method as recited in claim 13, wherein the predetermined communication processing criteria depend on a priority indication of the recipient (Col.10, lines 47-67, Col.11, lines 1-16),

Regarding **claim 19**, Pepper teaches a computer-implemented method as recited in any of claim 13, wherein the incoming communication request can be received by the recipient through a phone, and wherein at least one attribute of the communication

processing criteria is set by the recipient through the phone (Col.3, lines 50-63)..

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 negated by the manner in which the invention was made.

Claims 7-10 and 17 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Pepper et al. (US 5,930,700) in view of Tran (US 2003/0191814 A1).

Regarding **claim 7**, Pepper teaches a computer-implemented method as recited in claim 1, **but is silent on**

wherein the message is electronically conveyed based on Internet protocol through a website, and

wherein though the method allows the user to receive the message, the person is not aware of the contact information of the user to prevent the person from directly accessing the user without going through the website, or the user is not aware of the contact information of the person to prevent the user from directly accessing the person without going through the website.

In an analogous art, **Tran teaches**

wherein the message is electronically conveyed based on Internet protocol through a website (Paragraphs [0025], [0033], [0057] teach networks convey message to the wireless network user), and

wherein though the method allows the user to receive the message (Paragraphs [0043], [0049] teach wireless device user received messages and/or information from service provider wherein the service provider linked to portal server 101, fig.1 illustrate and described) , the person is not aware of the contact information of the user to prevent the person from directly accessing the user without going through the website, or the user is not aware of the contact information of the person to prevent the user from directly accessing the person without going through the website (Paragraphs [0015], [0048-0049], [0051-0054] teach service provider as read on "the person" that contact/provide information to the user/wireless device wherein user/wireless device does not disclose).

Therefore, it would have been obvious to one of ordinary skill in the art at the time that the invention was made to modify Pepper with Tran's system such that message is electronically conveyed based on Internet protocol through a website and allows the user to receive the message wherein prevent the user from directly accessing the person without going through the website in order to provide the security and privacy information for the user/wireless device.

Regarding claim 8, Peeper teaches a computer-implemented method as recited in claim 1, further **Tran teaches** wherein the message is electronically conveyed based

on Internet protocol through a website (Paragraph [0057]), and wherein the defined access priority of the person is stored at the website, or is stored in a private database under the user's control (Paragraphs [0048], [0053-0054]).

Regarding **claim 9**, Peeper teaches a computer-implemented method as recited in claim 1, wherein the message is electronically conveyed based on Internet protocol through a website (Paragraph [0057]), wherein the website keeps an electronic calendar of the user, and wherein an appointment is automatically set for the user with the person in view of information in the calendar (Paragraph [0058]).

Regarding **claim 10**, Peeper teaches a computer-implemented method as recited in claim 1, wherein the message is electronically conveyed based on Internet protocol through a website (Paragraph [0057]).

Regarding **claim 17**, Pepper teaches a computer-implemented method as recited in any of claim 13, wherein the incoming communication request can be via a data network (Cl.5, lines 19-25) **but is silent on** wherein at least one attribute of the communication processing criteria is set by the recipient through interaction with a website.

In an analogous art, **Tran teaches** wherein at least one attribute of the communication processing criteria is set by the recipient through interaction with a website (Paragraphs [0003], [0032], [0051]) It would have been obvious at the time that

the invention was made to modify Pepper with Tran's such that at least one attribute of the communication processing criteria is set by the recipient through interaction with a website in order to provide the security and privacy information for the user/wireless device.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Brown et al. (US 2003/0112948 A1)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIET DOAN whose telephone number is (571)272-7863. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. 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).

Application/Control Number: 12/798,995

Page 13

Art Unit: 2617

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.

/Kiet Doan/
Examiner, Art Unit 2617

Notice of References Cited	Application/Control No. 12/798,995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.	
	Examiner KIET DOAN	Art Unit 2617	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-5,930,700 A	07-1999	Pepper et al.	455/435.3
*	B US-2003/0191814 A1	10-2003	Tran, Luu	709/217
*	C US-2003/0112948 A1	06-2003	Brown et al.	379/207,04
	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

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	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.

<i>Index of Claims</i> 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE							
Final	Original	04/06/2011							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
	7	✓							
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	15	✓							
	16	✓							
	17	✓							
	18								
	19	✓							
	20	✓							

Search Notes 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
		4/7/2011	
455	414		KD
709	217		KD
379	207.04		KD

SEARCH NOTES		
Search Notes	Date	Examiner
	4/7/2011	
inventor Search		KD
Eats Saerch		KD
related case history search 11/452,115		KD
(portal web website (web adj site) webpageurl) near2 stor\$4 near2 (information message\$1) and (mobile wireless pda \$4phone portable user) near2 (access retriev\$3 request\$3) with (information message\$1)		KD
(portal web website (web adj site) webpage url) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda \$4phone portable user) near2 (retriev\$3 request\$3) near3 ((voice near message\$1) message\$1) near3 (wed website (web adj site) portal url)		KD
(yahoo google) near3 ((\$4phone near number) number\$1)		KD
(mobile wireless) near3 receiv\$4 near3 message\$1 and message\$4 near4 (transmit\$4 delivery forward\$4 send\$3) near6 (website (web adj site))		KD

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
/K.D./	1.	6,788,786	Sep. -04	Logan			
/K.D./	2.	7,376,434	May -08	Thomas et al.			
/K.D./	3.	7,403,972	Jul. -08	Lau et al.			
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	
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D	
E	
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G	
H	
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Examiner	/Kiet Doan/	Date Considered	04/06/2011
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	3	(portal web website (web adj site) webpage url) near2 stor\$4 near2 (information message\$1) and (mobile wireless pda \$4phone portable user) near2 (access retriev\$3 request\$3) with (information message\$1) and (user boss wife caller) with aware\$3 with contact \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:06
L4	4741	(portal web website (web adj site) webpage url server) near2 stor\$4 near2 (information message\$1) and (access retriev\$3 request\$3) with (information message\$1 voice) and (portal web website (web adj site) webpage url server) with between with (mobile wireless pda caller call\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:16
L5	1749	(portal web website (web adj site) webpage url server) near2 stor\$4 near2 (information message\$1) and (access retriev\$3 request\$3) with (information message\$1 voice) and (portal web website (web adj site) webpage url server) near2 between with (mobile wireless pda caller call\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:17
L6	341	5 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:17
L7	128	6 and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:17

L8	2	(portal web website (web adj site) webpage url) near2 stor\$4 near2 (information message\$1) and (access retriev\$3 request\$3) with (information message\$1 voice) and privat\$4 near3 (\$4phone near number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:24
L9	2	"20040093334"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:30
L10	2	(portal web website (web adj site) webpage url) near2 stor\$4 near2 (information message\$1) and privat\$4 near3 (\$4phone near number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:32
L11	32	(portal web website (web adj site) webpage url) near2 stor\$4 near2 (information message\$1) and privat\$4 with (\$4phone near number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:32
L12	38	(portal web website (web adj site) webpage url) and privat\$4 near3 (\$4phone near number) and (boss wife girlfriend lover boyfriend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:35
L13	0	(portal web website (web adj site) (web adj page) url) near3 stor4 near (message\$1 data\$3 information) and (privat\$4 dummy default\$1) near3 (\$4phone near number) and (boss wife girlfriend lover boyfriend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 15:31
L14	39	(portal web website (web adj site) (web adj page) url) near3 stor\$4 near3 (message\$1 data\$3 information) and (privat\$4 dummy default\$1) near3 (\$4phone near number) and (boss wife girlfriend lover boyfriend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 15:31
S1	2	"7729688".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 14:05

S2	1	12/798995	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 14:06
S3	2	"7116976".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 14:07
S4	40	("20020067806" "20020094067" "20030041048" "20030103600" "20030129968" "20030232629" "20040024882" "20040122979" "20050037785" "20050071253" "20050191994" "20050192061" "20050273327" "20060288099" "20070047522" "5548636" "5758079" "5786893" "5828731" "5930700" "5970388" "6119022" "6463462" "6577859" "6636888" "6665534" "6801793" "6816578" "6819757" "6978136" "7010288" "7010332" "7027842" "7043261" "7072452" "7085253" "7107010" "7111044" "7116976" "7376434" "8816578"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 15:39
S5	1	"5933477".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 16:54
S6	1	"6671508".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 16:55
S7	1	"6577859".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 16:56
S8	2	"6819757".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 19:46
S9	2	"5930700".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 19:48

S10	1583	(mobile wireless) near3 receiv\$4 near3 message \$1 and message\$4 near4 (transmit\$4 delivery forward\$4 send\$3) near6 (internet website (web adj site))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 23:45
S11	133	(mobile wireless) near3 receiv\$4 near3 message \$1 and message\$4 near4 (transmit\$4 delivery forward\$4 send\$3) near6 (website (web adj site))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 23:45
S12	15	S11 and stor\$4 with (website (web adj site)) and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 23:47
S13	4	S10 and (portal server) with stor\$4 with (priority urgen\$3) with message\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:12
S14	0	(portal server) with stor\$4 with (priority urgen\$3) with message\$1 with (lover miss\$4 girlfriend\$1) and call\$3 near3 (forward \$4 divert\$3 direct\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:17
S15	13	(portal server) with stor\$4 with message\$1 with (lover miss\$4 girlfriend\$1) and call\$3 near3 (forward \$4 divert\$3 direct\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:18
S16	1073	(portal server) with stor\$4 with (lover girlfriend\$1 boss wife manager) and call\$3 near3 (forward\$4 divert\$3 direct\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:22
S17	12	(portal server) with stor\$4 with (lover girlfriend\$1 boss wife manager) and call\$3 near3 (forward\$4 divert\$3 direct\$3) and block\$3 near4 call near1 (id information identif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:24
S18	25	(portal web website (web adj site)) with stor\$4 with (lover girlfriend\$1 boss wife manager important priority) near3 (\$4number information) and (mobile wireless pda) with access with (wed website (web adj site))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:29

S19	31	(portal web website (web adj site)) with stor\$4 with (privat\$4 priority important) with (\$4number information) and (mobile wireless pda) with access with (wed website (web adj site) portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:36
S20	0	(portalserver) with stor\$4 with (privat\$4 priority important) with (\$4number information) and (mobile wireless pda) with access with (server portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:40
S21	371	(portal server) with stor\$4 with (privat\$4 priority important) with (\$4number information) and (mobile wireless pda) with access with (server portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:40
S22	173	S21 and internet with (wed website (web adj site) (web sje page))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:41
S23	51	S22 and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:42
S24	2475	(portal web website (web adj site) webpage) with stor\$4 with (information important priority) and (mobile wireless pda \$4phone portable) with access with (wed website (web adj site) portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:52
S25	818	S24 and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:53
S26	40	S25 and (high low) near5 (priority important)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:54
S27	114	S25 and (wed website (web adj site) portal) with (schedul\$3 calendar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 01:03

S28	8862	(portal web website (web adj site) webpage) near5 stor\$4 near5 (information message\$1 data\$4) and (mobile wireless pda \$4phone portable user) with access with (wed website (web adj site) portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 10:01
S29	26	S28 and (portal web website (web adj site) webpage) with keep\$3 with (oppointment schedul \$4 calendar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 10:04
S30	2601	(portal web website (web adj site) webpage) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda \$4phone portable user) near2 access near3 (wed website (web adj site) portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 10:14
S31	709	S30 and (portal web website (web adj site) webpage) with (priority calendar schedul\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 10:17
S32	339	S31 and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 10:17
S33	542	(call\$4 send\$4) with ((\$phone near number) number\$1 message\$1) with (portal web website (web adj site) webpage) and (portal web website (web adj site) webpage) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda user) near2 access near3 (wed website (web adj site) portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 10:52
S34	210	S33 and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 10:53

S35	77	S33 and @ad<"20031010" and (portal web website (web adj site) webpage) with (priority calendar schedule)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 10:55
S36	566	(portal web website (web adj site) webpage url) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda \$4phone portable user) near2 (retriev\$3 request \$3) near3 ((voice near message\$1) message\$1) and (wed website (web adj site) portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:23
S37	69	S36 and @ad<"20031010" and (portal web website (web adj site) webpage) with (priority calendar schedule)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:25
S38	34	(portal web website (web adj site) webpage url) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda \$4phone portable user) near2 (retriev\$3 request \$3) near3 ((voice near message\$1) message\$1) near3 (wed website (web adj site) portal url)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:34
S39	1	(yahoo google) with provi \$4 with ((\$4phone near number) number\$1) and call\$3 near3 ((\$4phone near number) number\$1) with leav\$4 with (message \$1 text audio sound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:42
S40	3	(yahoo google) with ((\$4phone near number) number\$1) and call\$3 near3 ((\$4phone near number) number\$1) with leav\$4 with (message\$1 text audio sound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:43

S41	1406	(yahoo google) with ((\$4phone near number) number\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:44
S42	38612	(yahoo google) wnear2 provi\$4 near2 ((\$4phone near number) number\$1) and call\$3 near3 ((\$4phone near number) number\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:44
S43	1	(yahoo google) near2 provi \$4 near2 ((\$4phone near number) number\$1) and call\$3 near3 ((\$4phone near number) number\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:45
S44	3	(yahoo google) near2 provi \$4 near2 ((\$4phone near number) number\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:45
S45	225	(yahoo google) near3 ((\$4phone near number) number\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:45
S46	35249	S45 (retriev\$3 request\$3) near3 ((voice near message\$1) message\$1) and (wed website (web adj site) portal url)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:46
S47	21	S45 and (retriev\$3 request \$3) near3 ((voice near message\$1) message\$1) and (wed website (web adj site) portal url)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:46
S48	153	(yahoo google) with (\$4phone near number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:48
S49	59	S48 and (retriev\$3 request \$3) with ((voice near message\$1) message\$1) and (wed website (web adj site) portal url)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 11:48
S50	2673	(portal web website (web adj site) webpageurl) near2 stor\$4 near2 (information message\$1) and (mobile wireless pda \$4phone portable user) near2 (access retriev\$3 request\$3) with (information message\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 12:00
S51	1279	S50 and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 12:00

S52	27	S50 and @ad<"20031010" and message\$1 near3 convey \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 12:01
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	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

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/K.D./	B	Second Office Action for CN Patent Application No. 200880027964.9, dated 10/26/10 (14 pages).
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Examiner	/Kiet Doan/	Date Considered	04/06/2011
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Application No.:	Unassigned
	Applicant	CHEUNG et al.
	Filing Date	Herewith
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	Application No.:	Unassigned
	Applicant	CHEUNG et al.
	Filing Date	Herewith
	Group	Unassigned
		Page 2 of 4

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		Page 4 of 4

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	AA	Symbian Ltd., "Symbian OS Version 7.0s: Functional description", Revision 2.1, June 2003, pages 1-29.
	AB	Symbian Ltd., "Technology: Creating Symbian OS phones", http://www.symbian.com/technology/create-symb-OS-phones.html , downloaded 11/5/2003, page 1-8.
	AC	Symbian Ltd., "Technology: Why is a different operating system needed", http://www.symbian.com/technology/why-diff-os.html , downloaded 11/5/2003, pages 1-5.
	AD	Verizon Wireless, "TXT messaging", http://www.vtext.com/customer_site/jsp/messaging_lo.jsp , downloaded 10/2/2003, page 1.
	AE	W3C, "Voice Extensible Markup Language (VoiceXML) Version 2.0, W3C, www.w3.org , February 20, 2003.
	AF	Yahoo!Messenger, "Yahoo!Messenger Talk for Free!", http://messenger.yahoo.com/messenger/help/voicechat.html , downloaded 10/2/2003, pages 1-2.

Examiner	/Kiet Doan/	Date Considered	04/06/2011
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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BIB DATA SHEET

CONFIRMATION NO. 3193

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
12/798,995	04/14/2010	455	2617	IPVMCP02C1		
APPLICANTS Kwok Wai Cheung, Tai Po, CHINA; Peter P. Tong, Mountain View, CA; C. Douglass Thomas, Campbell, CA;						
** CONTINUING DATA ***** This application is a CON of 11/452,115 06/12/2006 PAT 7,729,688 which is a CIP of 11/006,343 12/07/2004 PAT 7,116,976 which claims benefit of 60/527,565 12/08/2003 and said 11/452,115 06/12/2006 claims benefit of 60/689,686 06/10/2005						
** FOREIGN APPLICATIONS *****						
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 04/30/2010						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY CHINA	SHEETS DRAWINGS 2	TOTAL CLAIMS 19	INDEPENDENT CLAIMS 4
ADDRESS IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022 UNITED STATES						
TITLE Systems and processes to manage multiple modes of communication						
FILING FEE RECEIVED 655	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees			
			<input type="checkbox"/> 1.16 Fees (Filing)			
			<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)			
			<input type="checkbox"/> 1.18 Fees (Issue)			
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1	3193
34071	7590	07/21/2011	EXAMINER	
IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022			DOAN, KIET M	
			ART UNIT	PAPER NUMBER
			2617	
			MAIL DATE	DELIVERY MODE
			07/21/2011	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.

Interview Summary	Application No. 12/798,995	Applicant(s) CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

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

(1) <u>KIET DOAN.</u>	(3) _____
(2) <u>Peter Tong.</u>	(4) _____

Date of Interview: 15 July 2011.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: 1.

Identification of prior art discussed: _____.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed with Applicant's Representative Peter Tong regarding claim 1 and the examiner making suggestion in order to advance application toward to expedite. However, the applicant need to review the suggestion and must formally filed a response to an office action for further consideration.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

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. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/Kiet Doan/
Primary Examiner, Art Unit 2617

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT A

Mail Stop _____
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated April 11, 2011, please amend the above-identified patent application as follows:

Amendments to the Specification are reflected on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 9 of this paper.

Amendments to the Specification:

Please **AMEND** paragraphs [0001] on page 1, as follows:

--

[0001] This application is a continuation of U.S. Patent Application 11/452,115, filed June 12, 2006, now U.S. Patent No. 7,729,688, and entitled "SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION", which is hereby incorporated herein by reference, which application is a continuation-in-part application of U.S. Patent Application 11/006,343, filed December 7, 2004, now U.S. Patent No. 7,116,976, and entitled "ADAPTABLE COMMUNICATION TECHNIQUES FOR ELECTRONIC DEVICES," which is hereby incorporated herein by reference, which claims priority to U.S. Provisional Patent Application No. 60/527,565, filed December 8, 2003, entitled "ADAPTABLE COMMUNICATION TECHNIQUES FOR ELECTRONIC DEVICES," and which is hereby incorporated herein by reference.

Amendments to the Claims:

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

Listing of Claims:

1. (Currently amended) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the method comprising:

receiving, by the server, the message from the first device;

~~identifying the status of the user;~~

identifying, by the server, the identity of the person;

~~identifying the urgency of the message;~~

~~determining the access priority of the person based on the person's identity; and~~

setting, by the server, a process for to manage the message using one or more rules, and in view of the based on at least a status of the user stored at the second device, and an access priority the access priority of the person also stored at the second device, the access priority depending on the identity of the person and the urgency of the message,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server, and

wherein the server can be restricted from accessing the status of the user from the second device.

2. (Currently amended) ~~[[A]] The non-transitory computer-implemented method as recited in claim 1, wherein the status of the user depends on the current activity or location of the user, or the current time, or the status of the user is defined by the user.~~

3. (Currently amended) ~~[[A]] The non-transitory computer-implemented method as recited in claim 1, wherein the access priority of the person is defined set by the user, or is set depending on the user's reaction towards a prior message from the person.~~

4. (Currently amended) ~~[[A]] The non-transitory computer-implemented method as recited in claim 1, wherein the process for the message also depends on an the urgency level of the message, which is set by the person.~~

5. (Currently amended) ~~[[A]] The non-transitory computer-implemented method as recited in claim 1,~~

~~wherein the method depends on the mode of communication of the message, and~~

~~wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.~~

6. (Currently amended) ~~[[A]] The non-transitory computer-implemented method as recited in claim 1,~~

~~wherein the second device is user receives the message through a handheld device, which is used to set the status of the user and~~

~~wherein the status of the user is defined by the user using the handheld device.~~

7. (Currently amended) ~~[[A]] The non-transitory computer-implemented method as recited in claim 1,~~

wherein the server can be restricted from accessing the access priority of the person from the second device.

~~wherein the message is electronically conveyed based on Internet protocol through a website, and~~

~~wherein though the method allows the user to receive the message, the person is not aware of the contact information of the user to prevent the person from directly accessing the user without going through the website, or the user is not aware of the contact information of the person to prevent the user from directly accessing the person without going through the website.~~

8. (Currently amended) [[A]] The non-transitory computer-implemented method as recited in claim [[1]] 4, wherein the server can be restricted from accessing the access priority of the person from the second device.

~~wherein the message is electronically conveyed based on Internet protocol through a website, and~~

~~wherein the defined access priority of the person is stored at the website, or is stored in a private database under the user's control.~~

9. (Currently amended) [[A]] The non-transitory computer-implemented method as recited in claim 1,

~~wherein the message is electronically conveyed based on Internet protocol through a website,~~

~~wherein the website server keeps an electronic calendar of the user, and~~

~~wherein an appointment is automatically set by the server for the user with the person in view of information in the calendar.~~

10. (Currently amended) [[A]] The non-transitory computer-implemented method as recited in claim 1, wherein the message is electronically conveyed based on Internet protocol through a website wherein the access priority of the person depends on a user's reaction towards a prior message from the person.

11-20. (Cancelled)

21. (New) A server based on a communication protocol for managing the communication of a user, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the server comprising:

- at least one computing device; and

- at least one storage device,

- wherein the at least one computing device is configured to

 - receive the message from the first device;

 - identify the identity of the person; and

 - set a process for the message using one or more rules based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

- wherein the server is aware of contact information of the person,

- wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server, and

- wherein the server can be restricted from accessing the status of the user from the second device.

22. (New) A server as recited in claim 21, wherein the process for the message also depends on an urgency level of the message, which is set by the person.

23. (New) A server as recited in claim 21, wherein the server can be restricted from accessing the access priority from the second device.

24. (New) A server as recited in claim 21,

wherein the process for the message also depends the mode of communication of the message, and

wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

25. (New) A server as recited in claim 21, wherein the server is configured to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

26. (New) A non-transitory computer readable medium including at least executable computer program code tangibly stored therein for manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, said computer readable medium comprising:

computer program code for receiving, by the server, the message from the first device;

computer program code for identifying the identity of the person; and

computer program code for setting a process for the message using one or more rules based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the computer program code does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the computer program code

also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server, and

wherein the server can be restricted from accessing the status of the user from the second device.

27. (New) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends on an urgency level of the message, which is set by the person.

28. (New) A non-transitory computer readable medium as recited in claim 26, wherein the server can be restricted from accessing the access priority from the second device.

29. (New) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends the mode of communication of the message, and wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

30. (New) A non-transitory computer readable medium as recited in claim 26, wherein said computer readable medium further comprises computer program code to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

REMARKS

Applicants previously presented claims 1-17, 19 and 20 for examination. In the above-identified Office Action, the Examiner has rejected all the claims. By this amendment, Applicants have amended claims 1-10 to further clarify the subject matter regarded as the invention; canceled claims 11-17, 19 and 20 without prejudice or disclaimer of the embodiments defined therein; and added claims 21-30. Accordingly, claims 1-10, and 21-30 remain pending. Applicants respectfully request that the Examiner reconsider the application in light of the amendments and the remarks expressed herein.

Interview Summary

Applicants appreciate the Examiner for the courtesies extended to Applicants' representative at the July 15, 2011 interview. At the interview, the undersigned explained various patentably distinct characteristics of the claimed invention. No specific agreements have been reached.

Claim Objection

Claims 2-10 were objected to due to informalities. Applicants have corrected the informalities, following the suggestions provided by the Examiner. Accordingly, Applicants respectfully request that the objections be reconsidered and withdrawn.

112 Rejection

Claim 1 was rejected under 35 U.S.C. 112, 2nd paragraph, as being indefinite because "the use and the person" allegedly lacked antecedent basis. Applicants could not find the term "the use" in the claim, and presume the term should have been "the user." Applicants submit that antecedent bases for both terms, "the user" and "the person," can be found in the preamble of the claim. Accordingly, Applicants respectfully request that the 112 rejection of claim 1 be reconsidered and withdrawn.

101 Rejection

Claims 1-10 were rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter because "A computer-implement ..." allegedly covered both transitory and non-transitory limitations. Applicants respectfully disagree. However, to expedite prosecution, Applicants have followed the Examiner's suggestions, and have amended the claims by adding "non-transitory" between "A" and "computer-implemented." Accordingly, Applicants respectfully request that the 101 rejection of claims 1-10 be reconsidered and withdrawn.

102 Rejection

Claims 1-6 were rejected under 35 U.S.C. 102(e) as being anticipated by Pepper et al. (US 5,930,700, hereinafter "Pepper"). Applicants respectfully disagree.

As acknowledged on page 9 of the Office Action, Pepper is silent on the following limitations:

though the method allows the user to receive the message, the person is not aware of the contact information of the user to prevent the person from directly accessing the user without going through the website, or the user is not aware of the contact information of the person to prevent the user from directly accessing the person without going through the website.

Limitations similar to the above are included in independent claim 1, as shown in the following:

even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server.

Accordingly, claim 1, and its dependent claims 2-6, are not anticipated by Pepper, and Applicants respectfully request that the 102 rejections be reconsidered and withdrawn.

103 Rejection

Claims 7-10 were rejected under 35 U.S.C. 103(a) as being unpatentable over Pepper in view of Tran (US 2003/0191814 A1). Applicants respectfully disagree.

Pepper pertains to screening and directing calls. According to Pepper, Pepper's system allows a subscriber to have his incoming telephone calls screened to identify calls of high importance to the subscribers. By entering schedule information into an appointment calendar, and by entering client's information into the name and telephone number database, the subscriber indicates how to be located so that important calls will reach him immediately. These databases also tell the system which clients are of high priority to the subscriber so that lower priority calls can be directed to a voice mail system for access at the subscriber's convenience or routed to an attendant for action.

As acknowledged in the Office Action and as explained above, Pepper is silent on the following limitations:

even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server.

To remedy at least the above deficiency, the Office Action introduced Tran. Tran pertains to personalization of services provided to wireless device users. According to Tran, a portal server is coupled to service providers for providing content to wireless-device users. An interface is provided that allows for communicating with the service providers. Questions are specified that can be used for obtaining information about the wireless device users. Upon receiving a request from a service provider that includes at least one question and that identifies a wireless device user, the portal server

determines a response to the question. The response is then sent to the requesting service provider.

The Office Action argued that Tran teaches the above missing limitations of Pepper in its paragraphs [0015], [0048-0049], and [0051-0054]. Applicants respectfully disagree. To support its position, the Office Action treated “service provider” in Tran to be the same as “person” in Applicants’ claims. To simplify the argument, in the following discussion, Applicants would temporarily adopt the Office Action’s position and treat “service provider” in Tran to be “person.”

In its paragraph 15, Tran generally teaches carefully controlling the questions that can be asked by the service provider to prevent divulging private information about the users to the service provider.

In its paragraphs 48-49, Trans generally teaches each service provider obtains from a portal server, the particular needs of the communication device of each user, together with the preferred services and desktop preferences of the users. Then based on the obtained information, each service provider complies with the users.

In its paragraphs 51-54, Trans generally teaches the users enter their profile information into the portal server. If a user has two or more communication devices, the user can indicate preferences between or among them. “For example, the user can indicate that all incoming email messages are to go to his desktop computer unless the incoming email is from his boss.”

Tran focuses on personalization of services provided by service providers. To personalize services, the service providers obtain information regarding the users. Tran provides a portal server, which allows the service providers to get “all available private and non-private information relating to the wireless-device user”, and not to get “private information” of the wireless-device user (paragraph 15). To illustrate, Tran gives the following example in its paragraph 71:

For example, a service provider could ask whether a particular wireless-device user would be likely to be interested in a magazine subscription for a technology-related magazine. The apparatus and method of the present invention allows for the analysis of confidential information available to the wireless portal server

such as information from profile service **306**, from session service **308** and information from providers **320** for determining a response.

Then Tran continues:

The response does not divulge the confidential information used for determining the response. Accordingly, the information needs of the requesting provider are met while maintaining confidentiality of any and all private information used to determine the response.

It is unclear how Tran differentiates between “private information” and “available private information.” Applicants submit that one way to differentiate may be that “private information” at the portal server is “available private information,” and “private information” not available at the portal server is “private information.”

Independent of how “private information” is defined, Tran does not seem to teach or suggest not disclosing contact information of the user to the service provider. On the contrary, contact information of the user seems to be made “available” at the portal server as shown in its paragraph 51 as follows, with emphasis added:

communication-device data is entered in the wireless-network user's user profile (profile service 306). More particularly, in one embodiment, the wireless-network user 301 accesses (through the desktop service 310) web pages that are forms requesting information relating to communication devices that can be used to reach the wireless-network user 301. The wireless-network user then fills out the forms, indicating the type of device, any associated phone number, or other information necessary to communicate with the communication devices.

Based on the above, the portal server seems to have the contact information of the user (such as phone numbers). If information present in the portal server is considered as “available,” then contact information of the user would be available information. Such information would be made available to the service providers.

Based on the above analysis, Tran seems to teach its portal server provides the contact information of the wireless users to the service providers, which is opposite to Applicants' claimed invention.

Not only that Tran does not teach or suggest its portal server does not provide contact information of the user to the service providers, Tran also does not teach or suggest:

its portal server not providing the contact information of the service provider to the user.

Applicants submit that not providing the contact information of the service provider to the wireless user is counter to the teaching of Tran. For example, in the second sentence of its summary, Tran teaches:

More particularly, embodiments of the present invention provide wireless-device users access to information and services offered by service providers.

Tran teaches its service providers providing services to users. Tran does not seem to teach or suggest not providing contact information of the service providers to the wireless users to inhibit direct contact.

In addition to the above deficiencies, in both Tran and Pepper, there is no teaching or suggestion of storing status of the user and access priority of the person in the user device, let alone restricting the server from accessing the status of the user from the user device.

In Pepper, "[p]referably, the database 308 [in a network 102] automatically synchronizes with the information stored in the subscriber's PDA 200" (col. 5, lines 36-38). If the preferred mode is synchronization, then the information stored in the PDA should be reflected in the network database. There does not seem to be any teaching or suggestion of not allowing the network to access information from the PDA.

As to Tran, there is no teaching or suggestion of restricting its portal server from accessing status information of the user from the device of the wireless user.

For at least the reasons set forth above, Applicants submit that independent claim 1 is patentable over Pepper and Tran, alone or in any combination. Claims 2-10 depend from and add additional features to independent claim 1. Applicants submit that these dependent claims are patentable over Pepper and/or Tran for at least the reasons discussed above with respect to claim 1. Further the independent or the dependent claims recite additional elements which when taken in the context of the claimed invention further patentably distinguish from Pepper and Tran. The additional limitations recited in the independent claim or the dependent claims are not further discussed as the above-discussed limitations are clearly sufficient to distinguish the claimed invention from Pepper and/or Tran. Thus, it is respectfully requested that the Examiner withdraw the rejection of claims 1-10 under 35 USC §103(a).

Regarding the remaining reference cited by the Examiner, since it has not been applied against any of the claims and do not appear properly applicable thereto, no further mention thereof will be made.

Summary

In view of the foregoing, it is respectfully requested that all outstanding objections and rejections be reconsidered and withdrawn. Reconsideration of the application and an early Notice of Allowance for claims 1-10 as well as the newly added claims 21-30 are earnestly solicited. If there are any issues remaining which the Examiner believes could be resolved through either a Supplemental Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned representative at the telephone number listed below.

Respectfully submitted,

5150 El Camino Real
Building A, Suite 22
Los Altos, CA 94022
(650) 903-9200 ext 102

By: /Peter P. Tong/
Peter P. Tong
Registration No.: 35,757

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**INFORMATION DISCLOSURE STATEMENT
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE
(37 CFR §§ 1.56 AND 1.97(c))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which non-U.S. patents are attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

Appln. No. 12/798,995

1

Atty. Docket No. IPVMCP02C1

Accompanying this Information Disclosure Statement is

- a statement as specified in 37 CFR 1.97(e); or
- the fee set forth in 37 CFR 1.17(p).

Electronic Fee in payment of the Information Disclosure Statement Fee of \$180.00 is provided herewith. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/

Peter P. Tong
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北京市海淀区知春路49号金数据园3号楼7层0707 北京亿腾知识产权代理事务所
陈芸

发文日:

2011年04月08日



221



申请号或专利号: 200680027964.9

发文序号: 2011040300028760

申请人或专利权人: 专利创投有限公司

发明创造名称: 管理多种通讯模式的系统和过程

第三次审查意见通知书

1. 审查员已经收到申请人于2011年1月16日提交的意见陈述书。在此基础上审查员对上述专利申请继续进行实质审查。

根据国家知识产权局专利复审委员会于_____年_____月_____日作出的复审决定, 审查员对上述专利申请继续进行实质审查。

2. 经审查, 申请人于_____提交的修改文件, 不符合专利法实施细则第51条第3款的规定, 不予受理。

3. 继续审查是针对下列申请文件进行的:

上述意见陈述书中所附的经修改的申请文件。

前次审查意见通知书所针对的申请文件以及上述意见陈述书中所附的经修改的申请文件替换文件。

前次审查意见通知书所针对的申请文件。

上述复审决定所确定的申请文件。

4. 本通知书未引用新的对比文件。

本通知书引用下列对比文件(其编号续前, 并在今后的审查过程中继续适用):

编号	文件名称或名称	公开日期 (或该专利申请日)

5. 审查的结论性意见:

关于说明书:

申请的内容属于专利法第5条规定的不授予专利权的范围。

说明书不符合专利法第26条第3款的规定。

说明书的修改不符合专利法第32条的规定。

说明书的撰写不符合专利法实施细则第17条的规定。

关于权利要求:

权利要求_____不符合专利法第2条第2款的规定。

权利要求_____不符合专利法第9条第1款的规定。



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纸件申请: 国家知识产权局 100088 北京市海淀区蓂门桥西土城路9号 国家知识产权局 专利受理处
电子申请: 应当通过电子专利申请系统以电子文件格式提交相关文件。除国家另有规定外, 以国家规定的格式提交的文件视为未提交。

1/11



中华人民共和国国家知识产权局

- 权利要求_____不具备专利法第 22 条第 2 款规定的新颖性。
- 权利要求_____不具备专利法第 22 条第 3 款规定的创造性。
- 权利要求_____不具备专利法第 22 条第 4 款规定的实用性。
- 权利要求_____属于专利法第 25 条规定的不授予专利权的范围。
- 权利要求_____不符合专利法第 26 条第 4 款的规定。
- 权利要求_____不符合专利法第 31 条第 1 款的规定。
- 权利要求_____的修改不符合专利法第 33 条的规定。
- 权利要求_____不符合专利法实施细则第 19 条的规定。
- 权利要求_____不符合专利法实施细则第 20 条的规定。
- 权利要求_____不符合专利法实施细则第 21 条的规定。
- 权利要求_____不符合专利法实施细则第 22 条的规定。
- _____

- 申请不符合专利法第 26 条第 3 款或者实施细则第 26 条的规定。
 - 申请不符合专利法第 29 条第 1 款的规定。
 - 分案申请不符合专利法实施细则第 43 条第 1 款的规定。
- 上述结论性意见的具体分析见本通知书的正文部分。

6. 基于上述结论性意见, 审查员认为:

- 申请人应当按照通知书正文部分提出的要求, 对申请文件进行修改。
- 申请人应当在意见陈述书中陈述其专利申请可以被授予专利权的理由, 并对通知书正文部分中指出的不符合规定之处进行答复, 否则将不能授予专利权。
- 专利申请中没有可以被授予专利权的实质性内容, 如果申请人没有陈述理由或者陈述理由不充分, 其申请将被驳回。
- _____

7. 申请人应注意下列事项:

(1) 根据专利法第 37 条的规定, 申请人应当在收到本通知书之日起的 2 个月内陈述意见, 如果申请人无正当理由逾期不答复, 其申请将被视为撤回。

(2) 申请人对其申请的修改应当符合专利法第 33 条的规定, 不得超出原说明书和权利要求书记载的范围。同时申请人对审查员通知书中指出的修改应当符合专利法实施细则第 51 条第 3 款的规定, 按照本通知书的要求进行修改。

(3) 申请人的意见陈述书和/或修改文本应当邮寄或递交国家知识产权局专利局受理处, 凡未邮寄或递交给受理处的文件不具备法律效力。

(4) 未经授权的, 申请人和/或代理人不得向国家知识产权局与审查员举行会晤。

8. 本通知书正文部分如有页码, 并附有下列附件:

- 引用的对比文件的复印件共_____份_____页。
- _____



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审查员: 汤毓光

联系电话: 010-32645981



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2010 2

信件申请, 照前请寄: 100088 北京市海定区蓟门桥西土城路 5 号, 国家知识产权局专利局受理处。
电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件, 除另有规定外, 以纸质文件形式提交的文件视为未提交。



中华人民共和国国家知识产权局

第三次审查意见通知书

申请号: 2006800279619

申请人于 2011 年 1 月 10 日提交了意见陈述书, 审查员在阅读了上述文件后, 对本案专利进行审查, 再次提出如下审查意见。

(一) 审查员针对前次审查意见通知书中的审查意见, 权利要求 1-2 不具备专利法第 22 条第 3 款规定的创造性。

1. 权利要求 1 请求保护一种管理使用者的通讯的计算装置, 对比文件 1 (US2003/0041049A1) 公开了一种通讯管理系统和方法, 并具体披露了以下特征 (参见说明书第 [0027] 段和 [0036] 段, 附图 2), 该通讯系统基于某个人正试图用电子手段给使用者发送信息, 该系统包括:

模块 340, 配置用来识别使用者状态的机构 (见附图 3);

模块 310, 配置用来识别涉人身份的机构 (见附图 3);

模块 320 中, 配置用来识别该信息的紧急程度的机构 (见附图 3);

模块 330 中, 基于该人身份确定该人的访问优先权的机构 (见说明书第 [0027] 段第 1-2 行, 附图 3);

模块 360 和 365, 配置使用规则, 并鉴于使用者状态, 该人的能取得联系的优先级别和该信息的紧急程度来决定如何对该通讯信息进行操作 (相当于“设置过程管理该信息”) 的机构 (见说明书第 [0030] 段, 附图 3);

通讯系统的通讯网络可以是广域网, 例如互联网, 内网或其它在线服务 (参见说明书第 [0015] 段第 13-19 行)。由表 1 可知, 呼叫者可以通过电子邮箱地址来发出呼叫 (相当于“该信息基于互联网协议通过一个网站用电子手段来发送”);

权利要求 1 请求保护的技术方案与对比文件 1 的区别在于, 虽然该过程允许使用者接收该信息, 但该人不知道使用者的联系方式, 防止该人不通过网站直接联系使用者, 或者使用者不知道该人的联系方式, 以防止使用者不通过网站直接联系该人。基于该区别技术特征可以确定, 权利要求 1 相对于对比文件 1 实质要解决的技术问题是: 在通讯过程中隐藏使用者或呼叫者的实际联系方式以保护用户隐私。对比文件 3 (CN1453981A) 公开了一种电话通讯方法及装置, 并具体披露了以下技术特征: 通讯过程中利用了遮蔽通讯服务系统, 当拨打或接收虚拟的遮蔽通讯代码与外界通讯时, 电话用户的原始电话号码被遮蔽, 拨打电话与外界通讯时, 接收方的来电显示不会显示拨打方的原始电话号码, 以保证拨打方的个人隐私 (相当于“使用者不知道该人的联系方式, 以防止使用者不通过遮蔽通讯服务系统直接联系该人”, 参见说明书第 2 页第 18-21 行、附图 1), 电话用户设定并启用遮蔽通讯服务功能时, 电话用户系统以遮蔽通讯代码与外界通讯, 仅知遮蔽通讯代码的特定人士, 能够利用电话用户形式上的通讯电话号码, 即遮蔽通讯代码, 与电话用户保持通讯, 以增加电话用户的个人隐私 (相当于“该人不知道使用者的联系方式, 防止该人不通过遮蔽通讯服务系统直接联系使用者”, 参见说明书第 4 页倒数第 5 行至第 5 页第 2 行), 且上述技术特征在对比文件 3 和本申请中的作用相同, 均是保护用户的隐私, 即对比文件 3 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的启示。尽管对比文件 3 中的采用的是遮蔽通讯服务系统, 防止拨打方/用户不通过该系统直接联系用户/拨打方, 然而对本领域技术人员来说, 当通讯信息是基于对比文件 1 所公开的通过网站发送时, 将对比文件 3 中的遮蔽通讯服务系统基于网站形式而设置, 或者直接设置于对比文件 1 的网站中, 从而防止该人/使用者不通过网站直接联系使用者/该人, 这也是容易想到的。由此可见, 在对比文件 1 的基础上结合对比文件 3 以及本领域的惯用技术手段以得到以权利要求 1 请求保护的技术方案, 对于本领域技术人员来说是显而易见的。因此权利要求 1 不具有突出的实质性特点和显著的进步, 因而不具备创造性。

2. 从属权利要求 2 对权利要求 1 作了进一步的限定, 对比文件 1 还公开了以... 管理使用者的活动、位置, 和时间的 (相当于“使用者的状态取决于使用者当前的活动或...”, 参见说明书第... 页)



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纸质申请, 应送请寄: 100085 北京市海淀区中关村东路 8 号 国家知识产权局...
电子申请, 应通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外, 以... 方式提交的文件视为未提交。



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段第 5-11 行), 使用者的状态由使用者的日程表、地址簿、位置等决定, 并且使用者可以临时改变(相当于“使用者的状态由使用者定义”, 参见说明书第[0025]段第 1-8 行), 因而在其引用的权利要求 1 不具备创造性的基础上, 从属权利要求 2 也不具备创造性。

3. 从属权利要求 3 对权利要求 1 或 2 作了进一步的限定, 对比文件 1 还公开了以下技术特征: 呼叫率 36 由使用者定义(参见说明书第[0021]段第 4-7 行), 呼叫率 36 中的呼叫优先级可以是呼叫者优先级或呼叫设备优先级(参见说明书第[0029]段第 1-3 行), 可见“该人的能取得联系的优先级由使用者定义”的技术特征已被对比文件 1 公开, 因而在其引用的权利要求 1 或 2 不具备创造性的基础上, 从属权利要求 3 进一步限定“该人的能取得联系的优先级由使用者定义”时的技术方案也不具备创造性。

此外, 对比文件 2 (US5930700A) 公开了一种通讯管理系统和方法, 并具体披露了以下技术特征: 使用者根据对呼叫者呼叫的答复情况来更新该呼叫者的优先级(参见说明书第 12 栏第 65-67 行, 附图 12B), 因而, “该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”的附加技术特征已被对比文件 2 公开, 且其在权利要求 3 和对比文件 2 中所起作用相同, 均是使系统具有简单的智能记忆功能, 便于使用者的操作, 也就是说对比文件 2 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的手段, 因此, 在对比文件 1 的基础上结合对比文件 2, 对比文件 3 以及本领域的惯用技术手段以得到从属权利要求 3 进一步限定“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”时的技术方案, 对本领域技术人员来说是显而易见的, 因而在其引用的权利要求 1 或 2 不具备创造性的基础上, 从属权利要求 3 进一步限定“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”时的技术方案也不具有突出的实质性特点和显著的进步, 因而不具备创造性。

4. 从属权利要求 4 对权利要求 1 至 3 之一作了进一步的限定, 对比文件 1 还公开了以下技术特征: 呼叫者利用键盘、声音或其它方式输入数据设置呼叫优先级, 包括低等、中等、正常、高等、紧急(相当于“信息的紧急程度由该人设置”, 参见说明书第[0034]段第 6-7, 10-11 行), 因而, 在其引用的权利要求 1 至 3 之一不具备创造性的基础上, 从属权利要求 4 也不具备创造性。

5. 从属权利要求 5 对权利要求 1 至 4 之一作了进一步的限定, 对比文件 1 还公开了以下技术特征: 呼叫者 10 和使用者 20 均通过各自的通讯设备和通讯网络连接到通讯节点 16 上(参见说明书第[0014]段第 1-5 行), 因此可以直接地、毫无疑问地确定使用者如何对该通讯信息进行操作取决于通讯设备和模式(相当于“操作取决于该信息的通讯模式”), 通讯设备包括移动电话(参见说明书第[0014]段第 5 行)、办公电话、电子邮件(参见说明书第 1); 此外, 家庭电话、PDA 中的移动电话、用移动电话或 PDA 发的传呼信息、家用/办公室 GSM、移动无线聊天、家庭无线聊天、带有/不带有即时提醒的声音邮件、办公室传真、家庭传真、移动电话邮件等通讯模式均是本领域常用的通讯模式, 采用这些通讯模式进行通信是本领域的惯用技术手段, 因此, 在其引用的权利要求 1 至 4 之一不具备创造性的基础上, 从属权利要求 5 也不具备创造性。

6. 从属权利要求 6 对权利要求 1 至 5 之一作了进一步的限定, 对比文件 1 还公开了以下技术特征: 使用者的通讯设备可以是移动电话、PDA 等(相当于“使用者通过一个手持装置接收该信息”, 参见说明书第[0011]段第 5-10 行), 包含了使用者的状态的说明牌可以由使用者设置(参见说明书第[0021]段第 13-14 行, 第[0026]段第 1-4 行), 面对本领域技术人员来说, 直接使用该手持装置来设置使用者的状态, 以便于使用者操作, 这是本领域的惯用技术手段, 因而在其引用的权利要求 1 至 5 之一不具备创造性的基础上, 从属权利要求 6 也不具备创造性。

7. 从属权利要求 7 对权利要求 1 至 6 之一作了进一步的限定, 对比文件 1 公开了以下技术特征: 通讯系统的通讯网络可以是广域网, 例如互联网、万维网或其它在线服务(参见说明书第[0016]段第 1-3 行), 且由表 1 可知, 呼叫者可以通过电子邮箱地址来发信呼叫(相当于“该信息基于互联网, 且由呼叫者通过电子邮箱地址来发信呼叫”), 对比文件 2 还公开了以下技术特征: 包含呼叫者优先级的数据库 308 中, PDA 可以与网络数据库 308 通信, 使网络数据库 308 中的数据与使用者 PDA 中的信息相匹配(相当于“该人的已定义的能取得联系的优先级存储在数据库中”, 或存储在关于使用者 PDA 的数据库中的信息), 因而, 在其引用的权利要求 1 至 6 之一不具备创造性的基础上, 从属权利要求 7 也不具备创造性。



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原件申请, 照质请寄: 100085 北京市海定区朝门桥南土城路 6 号 国家知识产权局专利受理处
电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件, 除另有规定外, 以电子文件形式提交的文件视为未提交。



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参见说明书第5栏第27-38行、第6栏第21行），且其在权利要求7和对比文件2中所起作用相同，均是为用户提供存储空间，即对比文件2给出了将该技术特征应用于对比文件1以解决其技术问题的启示，因而在其引用的权利要求1至6之一不具备创造性的基础上，从属权利要求7也不具备创造性。

8、从属权利要求8对权利要求1至7之一作了进一步的限定，对比文件1公开了以下技术特征：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0016]段第15-18行），由表1可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于“该信息基于互联网协议通过一个网站用电子手段来发送”），对比文件3还公开了以下技术特征：包括数据库在内的网络数据库308与使用者P06中的信息自动保持同步（参见说明书第5栏第27-38行、第6栏第21行），数据库提供日历和日程表，约会日历安排使用者对呼叫者进行具体操作（参见说明书第5栏第20-29行、附图9），（相当于“该网络保存使用者的电子日历，而且，基于该日历的信息自动设置使用者与该人的约会”），且其在权利要求8和对比文件2中所起作用相同，均是得电子日历保存于网站，为电子日历提供存储空间，其方便使用者与该人进行约会，即对比文件2给出了将该技术特征应用于对比文件1以解决其技术问题的启示，因而在其引用的权利要求1至7之一不具备创造性的基础上，从属权利要求8也不具备创造性。

9、从属权利要求9对权利要求1至6之一作了进一步的限定，对比文件1还公开了：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0016]段第15-18行），且由表1可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于“该信息基于互联网协议通过一个网站用电子手段来发送”），因而在其引用的权利要求1至6之一不具备创造性的基础上，从属权利要求9也不具备创造性。

10、权利要求10请求保护一种基于网络入口为一个接收者管理流入通讯的计算机执行的方法，对比文件1公开了一种计算机执行的通讯管理系统和方法，其基于网络入口（参见说明书第[0016]段），并具体披露了以下特征（参见说明书第[0024]段第10-11行、表1、附图9），该办法包括：

呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“接收来自一个请求者的第一通讯类型的流入通讯请求”，见说明书第[0014]段第10-11行）；

通过调用使用者定义的规则库来确定呼叫优先级，规则库中包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则，（相当于“基于接收者提供的信息，确定请求者的能够得联系的优先级”，见说明书第[0021]段第4-7行、第[0026]段第1-4行、附图3）；

基于规则库中的规则和呼叫优先级，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（相当于“基于一条或多条可配置的规则和请求者的能够得联系的优先级，为流入通讯请求确定一种适宜的通讯类型”，见说明书表1和附图3）；

权利要求10请求保护的技术方案与对比文件1的区别在于：尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经基于网络入口直接发送消息给接收者，并且/或者尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经基于网络入口直接发送消息给请求者。基于该区别技术特征可以确定，权利要求10相对于对比文件1实际要解决的技术问题是：在通讯过程中隐藏请求者和/或接收者的实际联系方式以保护用户隐私。对比文件3（CN1450981A）公开了一种电话通讯方法及装置，并具体披露了以下技术特征：通讯过程中利用了隐蔽通讯服务系统，当设定以虚拟的隐蔽通讯代码与外界通讯时，电话用户的原始电话号码即被遮蔽，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以保证拨打方的个人隐私（相当于“尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免请求者未经隐蔽通讯服务直接发送消息给请求者”，参见说明书第2页第15-21行、附图1），电话用户设定开启隐蔽通讯服务功能时，电话用户系开放以遮蔽原始电话号码的通讯，仅知隐蔽通讯代码的特定人士，能够利用电话用户形式上的通讯电话号码，即遮蔽的原始电话号码，与接收方保持通讯，以增进电话用户的个人隐私（相当于“尽管接收者可以接收消息，但是接收者并不了解接收者的接触信息，从而避免请求者未经隐蔽通讯服务系统直接发送消息给接收者”，参见说明书第4页第5行至第5页第2行），且上述技术特征在对比文件3和本申请中的作用相同，均是保护用户隐私，即对比文件3

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纸件申请，回信请寄：100060 北京市海淀区中关村东路8号 国家知识产权局 专利受理处
电子申请，应当通过电子专利申请系统以电子文件格式提交相关文件。除另有规定外，以纸件形式提交的文件视为未提交。





出了将上述技术特征应用于对比文件 1 以解决其技术问题的方式。尽管对比文件 3 中的采用的是基于对比文件 1 所公开的网络入口时，将对比文件 3 中的游戏通讯服务器系统直接设置于对比文件 1 的网络入口中，从而避免请求者/接收者未经基于网络入口直接发送消息给接收者/请求者。这也是容易想到。由此可见，在对比文件 1 的基础上结合对比文件 3 以及本领域的常用技术手段以得到权利要求 10 请求保护的技术方案，对于本领域技术人员来说是显而易见的，因此权利要求 10 不具有突出的实质性特点和显著的进步，因而不具备创造性。

11、从属权利要求 11 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第 1-4 行），由说明书附图 1 可知，规则库 36 通过通信节点 16 和通信网络 18 连接，使用者 38 通过通信网络 18 来设置规则库（参见说明书第[0021]段第 4-7 行），而通信网络可以是广域网，例如互联网、万维网或其它在线设备（参见说明书第[0016]段第 15-18 行），（相当于“所述一条或多条可配置的规则和/或该信息由接收者通过一个网络的相互作用配置”），因而其在引用的权利要求 10 不具备创造性的基础上，从属权利要求 11 也不具备创造性。

12、从属权利要求 12 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第 1-4 行），且规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），（相当于“其中一条或多条可配置的规则和/或该信息存储在一个数据库中”），因而其在引用的权利要求 10 不具备创造性的基础上，从属权利要求 12 也不具备创造性。

13、从属权利要求 13 对权利要求 10 作了进一步的限定，被对比文件 1 还公开了：当呼叫者通过某 IP 地址或某电话号码进行通讯时，使用者选择的通讯方式可以是常规声音邮件和传呼信息（相当于“适宜的通讯类型与第一通讯类型不同”，参见说明书表 1 第 2 行），因而其在引用的权利要求 10 不具备创造性的基础上，从属权利要求 13 也不具备创造性。

14、从属权利要求 14 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：确定使用者的状态（参见说明书附图 3 模块 540），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则、呼叫优先级和使用者的状态，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 5），（相当于“上述方法还包括了确定接收者的状态，而且，其中上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系者优先级以及接收者的状态，确定该流入通讯请求的适宜通讯类型”），因而其在引用的权利要求 10 不具备创造性的基础上，从属权利要求 14 也不具备创造性。

15、从属权利要求 15 对权利要求 14 作了进一步的限定，对比文件 1 还公开了以下技术特征：确定呼叫的紧急程度（参见说明书附图 3 模块 320），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则、呼叫优先级、接收者状态和呼叫的紧急程度，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 5），（相当于“上述方法还包括了确定该流入通讯请求的紧急等级，并且其中，上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系者优先级、接收者的状态和该流入通讯请求的紧急等级，确定该流入通讯请求的适宜通讯类型”），因而其在引用的权利要求 14 不具备创造性的基础上，从属权利要求 15 也不具备创造性。

16、从属权利要求 16 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：确定呼叫的紧急程度（参见说明书附图 3 模块 320），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则、呼叫优先级和呼叫的紧急程度，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 5），（相当于“上述方法还包括了确定该流入通讯请求的紧急等级，并且其中，上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系者优先级、接收者的状态和该流入通讯请求的紧急等级，确定该流入通讯请求的适宜通讯类型”），因而其在引用的权利要求 10 不具备创造性的基础上，从属权利要求 16 也不具备创造性。





中华人民共和国国家知识产权局

者的能取得联系的优先级和该流入通讯请求的紧急等级，确定该流入通讯请求的适当通讯类型”，因而在其引用的权利要求 10 不具备创造性的基础上，从属权利要求 14 也不具备创造性。

17、从属权利要求 17 对权利要求 10 作了进一步的限定，其限定部分的附加技术特征为“适当通讯类型从以下多个通讯类型中选择，包括用”，对比文件 1 还公开了以下特征：呼叫者 10 和使用者 30 使用的通讯设备包括有线电话、移动电话、PDA、网络电话、传真等（参见说明书第[0011]段第 5-15 行），使用者对呼叫者采取的适当通讯方式包括用移动电话发的呼叫信息、电子邮件等（参见说明书第[0037]段第 1-8 行）；除此之外，用移动电话打的电话、用办公电话打的电话、家庭电话机打的电话、用移动电话发的 SMS 信息、用 PDA 发的 SMS 信息、用 PDA 发的呼叫信息、在线聊天、带或不带有即时脱断的声音邮件、办公室传真、家庭传真等通讯类型也是本领域常用的通讯类型，采用这些通讯类型是本领域的常用技术手段，因而在其引用的权利要求 10 不具备创造性的基础上，从属权利要求 17 也不具备创造性。

18、从属权利要求 18 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：确定使用者的状态（参见说明书附图 3 图块 340），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则，和基于以下一个或多个因素：呼叫时间、呼叫者的活动状态和位置，决定对此呼叫请求采取适当的操作，如常规声音邮件、定时声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 3），（相当于“上述方法还包括确定接收者的状态，并且其中，上述确定步骤执行用以基于所述一条或多条可配置的规则，以及基于一个或多个以下因素：被输入通讯请求的时间、有接收者当前活动的一条信息，以及接收者的当前位置，确定该输入通讯请求的适当通讯类型”），因而在其引用的权利要求 10 不具备创造性的基础上，从属权利要求 18 也不具备创造性。

19、从属权利要求 19 对权利要求 10 作了进一步的限定，对比文件 2 公开了一种通讯管理系统和方法，并具体披露了以下技术特征：呼叫者的优先级可以根据使用者对该呼叫者此前呼叫请求的答复情况而动态更新（参见说明书第 10 页第 65-67 行，附图 12b），由对权利要求 10 的评述可知，基于呼叫者的优先级确定适当的通讯类型，因此，对于该呼叫者下一次的呼叫请求，便可以基于更新后的呼叫者优先级来确定采取与上一次相同的通讯类型，（相当于“适当通讯类型的确定步骤还包括学习更加智能地识别适当的通讯类型”），且其在权利要求 19 和对比文件 2 中所起作用相同，均是使系统具有简单的智能记忆和学习功能，便于使用者的操作，也就是说对比文件 2 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的手段，因此对比文件 1 的基础上结合对比文件 2、对比文件 3 以及本领域的常用技术手段以得到从属权利要求 19 请求保护的技术方案，对本领域技术人员来说显而易见，因而在其引用的权利要求 10 不具备创造性的基础上，从属权利要求 19 也不具备创造性。

20、从属权利要求 20 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：如果呼叫者身份未知，则无论何种呼叫优先级、何种使用者状态和位置、何种时间，对此呼叫请求采取的操作均为常规声音邮件（相当于“上述确定适当的通讯类型，包括过滤该流入通讯请求”，参见说明书第[0006]段第 1-4 行、表 1），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则和呼叫优先级，决定对此呼叫请求采取适当的操作，例如声音邮件、呼叫信息等（相当于“基于所述一条或多条可配置的规则以及请求者的能取得联系的优先级，该流入通讯请求改向到另一种较少干扰的通讯类型”，参见说明书表 1 和附图 3）；此外，对于本领域技术人员来说，对于某些不安全的或被列入黑名单的呼叫者，系统也可以自动拒绝其通讯请求，以提高该通讯管理方法的安全性，这是本领域的常用技术手段，因此，在其引用的权利要求 10 不具备创造性的基础上，从属权利要求 20 也不具备创造性。

21、从属权利要求 21 对权利要求 10 至 20 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库 36 规定采取的通讯类型可以是声音邮件，或将呼叫转接给管理助手、备用电话设备、或转接给个人助理并以即时消息的方式转发给使用者等（相当于“能第一通讯类型的通讯请求”），（参见说明书第[0029]段第 2-12 行），因而，在其引用的权利要求 10 至 20 不具备创造性的基础上，从属权利要求 21 也不具备创造性。



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专利申请，国际速递：100088 北京市海淀区中关村东路 8 号 国家知识产权局专利受理大厅
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以电子文件形式提交的文件视为未提交。

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091

22. 权利要求 22 请求保护一种用于为一个接收者管理流入通信的用计算机执行的方法，对比文件 1 公开了一种计算机执行的通信管理常规方法，其基于网络入口（参见说明书第[001]段），并具体披露了以下特征（参见说明书第[002]段第 2-12 行，第[003]段第 10-11 行，表 1、附图 3），该方法包括：

(a) 呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“接收指向接收者的流入通信请求”，见说明书第[003]段第 10-11 行）；

(b) 确定呼叫者身份、呼叫优先级、使用者的状态和位置等信息，并访问规则库确定如何对该通信请求进行操作（相当于“基于该流入通信请求，确定适用于处理指向该接收者的通信请求时使用的通信处理标准”，见说明书附图 3 图 35c）；

(c) 根据规则库中的规则，决定采取何种通信类型，例如声音邮件、既将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移到个人助理并以即时消息的方式转发给使用者等（相当于“基于该预定通信处理标准，确定是否及如何把该流入通信请求转移到多个通信模式中的一个特定通信模式”，参见说明书第[002]段第 2-11 行，附图 3 图 35d）；

(d) 执行上述决定中所选定的通信模式（相当于“自动将该流入通信请求转移到该特定通信模式，如果确定如此的话”，附图 3 图 37d）；

权利要求 22 请求保护的技术方案与对比文件 1 的区别在于：尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经基于网络入口直接发送消息给接收者，并且/或者原接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经基于网络入口直接发送消息给请求者。基于该区别技术特征可以确定：权利要求 22 相对于对比文件 1 所解决的技术问题是：在通信过程中隐藏请求者和/或接收者的实际联系方式以保护用户隐私。对比文件 3 (CN1353981A) 公开了一种电话通讯方法及装置，并具体披露了以下技术特征：通讯过程中利用了隐藏通讯服务系统，当设定以虚拟的隐藏通讯代码与外界通讯时，电话用户的原始电话号码即被遮蔽，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以保障拨打方的个人隐私（相当于“尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经隐藏通讯服务系统直接发送消息给请求者”，参见说明书第 2 页第 21 行、附图 1）。电话用户设定开启隐藏通讯服务功能时，电话用户系开放以隐藏通讯代码与外界通讯，仅知隐藏通讯代码的特定人士，能够利用电话用户形式上的通讯电话号码，即隐藏通讯代码，与电话用户保持通讯，以增加电话用户的个人隐私（相当于“尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经隐藏通讯服务系统直接发送消息给接收者”，参见说明书第 4 页第 5 行至第 5 页第 2 行）。且上述技术特征在对比文件 3 和本申请中的作用相同，均是保护用户的隐私。即对比文件 3 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的启示。尽管对比文件 3 中的采用的是隐藏通讯服务系统，防止拨打方/用户不通过该系统直接联系用户/拨打方，然而对本领域技术人员来说，当通讯是基于对比文件 1 所公开的网络入口时，将对比文件 3 中的隐藏通讯服务系统直接设置于对比文件 1 的网络入口中，从而避免请求者/接收者未经基于网络入口直接发送消息给接收者/请求者，这也是容易想到的。由此可见，在对比文件 1 的基础上结合对比文件 3 以及本领域的惯用技术手段以得到该权利要求请求保护的技术方案，对于本领域技术人员来说是显而易见的，因此权利要求 22 不具有突出的实质性特点和显著的进步，因而不具备创造性。

23. 从属权利要求 23 对权利要求 22 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[002]段第 1-4 行），且规则库 36 可由使用者设置（相当于“通信处理标准的至少一个属性由接收者决定”，参见说明书第[002]段第 4-7 行），采取的通信类型可以是既将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移到个人助理并以即时消息的方式转发给使用者等（相当于“多个通信模式至少包括三种通信模式”，参见说明书第[002]段第 2-12 行），然而在其引用的权利要求 22 不具备创造性的基础上，从属权利要求 23 也不具备创造性。

24. 从属权利要求 24 对权利要求 23 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库 36



210403 发明专利， 审查请求： 190608 北京市海定区朝门桥面上城路 6 号 国家知识产权局 专利审查业务处
2010-2 电子申请， 应然通过电子专利申请系统以电子文件格式提交相关文件。除另有约定外，以本局接收的电子格式提交的文件视为未提交。



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据呼叫优先级、使用者状态和呼叫的紧急程度等，基于上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型（相当于“预定通讯处理标准取决于以下因素中的一个或多个：至少一个可配置的规则，请求者的能取得联系的优先级，接收者的状态，以及该流入通讯请求的紧急等级”。参见说明书表 1、附图 2），因而在其引用的权利要求 23 不具备创造性的基础上，从属权利要求 24 也不具备创造性。

25. 从属权利要求 25 对权利要求 23 或 24 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库包括呼叫时间、使用者活动、呼叫优先级、使用者状态、呼叫的紧急程度和使用者的位置等，基于规则库中上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型（相当于“预定通讯处理标准取决于至少一个可配置的规则，而且其中，该至少一个可配置的规则利用以下因素中的一个或多个：该流入通讯请求的时间，有关接收者当前活动的一条信息，请求者的能取得联系的优先级，接收者的状态，该流入通讯请求的紧急等级以及接收者的当前位置”。参见说明书第[0025]段第 9-11 行，表 1、附图 3），因而在其引用的权利要求 23 或 24 不具备创造性的基础上，从属权利要求 25 也不具备创造性。

26. 从属权利要求 26 对权利要求 23 作了进一步的限定，对比文件 1 还公开了以下技术特征：模块 340 中，根据使用者的日程表、时间、位置等状态信息确定使用者优先级，进而决定采取通讯的类型（相当于“预定通讯处理标准取决于接收者的优先级显示”。参见说明书第[0025]段第 7-19 行，附图 3），因而在其引用的权利要求 23 不具备创造性的基础上，从属权利要求 26 也不具备创造性。

27. 从属权利要求 27 对权利要求 23 至 26 之一作了进一步的限定，对比文件 1 还公开了以下技术特征：由说明书附图 1 可知，呼叫者 10 的通讯请求通过通讯网络 14 传送给使用者 28，规则库 36 通过通信节点 16 和通讯网络 18 联接。规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第 1-4 行），使用者 28 可以通过通讯网络 18 来设置规则库（参见说明书第[0027]段第 4-7 行，附图 1），（相当于“该流入通讯请求可以通过一个数据网络，而且，其中该通讯处理标准的至少一个属性是由接收者通过与一个网络的相互作用而设置的”），因而在其引用的权利要求 23 至 26 之一不具备创造性的基础上，从属权利要求 27 也不具备创造性。

28. 从属权利要求 28 对权利要求 23 至 27 之一作了进一步的限定，对比文件 1 还公开了以下技术特征：使用者的通讯设备可以是有线电话、移动电话等（相当于“该流入通讯要求可以由接收者通过电话接收”。参见说明书第[0014]段第 5-7 行），包含了呼叫优先级、使用者状态等参数的规则库可以由使用者设置（相当于“该通讯处理标准的至少一个属性由接收者设置”。参见说明书第[0021]段第 13-14 行，第[0026]段第 1-4 行），而对于本领域技术人员来说，使用者使用自己的电话对规则库中的参数进行设置，以便于操作，这是本领域的常用技术手段，因而在其引用的权利要求 23 至 27 之一不具备创造性的基础上，从属权利要求 28 也不具备创造性。

29. 权利要求 29 请求保护一种用于为一个接收者管理流入通讯的用计算机来执行的方法，对比文件 1 公开了一种基于计算机执行的通讯管理系统和方法，并具体披露了以下特征（参见说明书第[0029]段第 2-12 行，第[0034]段第 10-11 行，表 1、附图 3），该方法包括：

(a) 呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“从请求者接受流入通讯请求”。参见说明书第[0034]段第 10-11 行）；

(b) 确定呼叫者身份、呼叫优先级、使用者的状态和位置等信息，并动规则库决定如何对该通讯请求进行操作（相当于“基于该流入通讯请求，确定适用于处理指向该接收者的通讯请求时使用的预定通讯处理标准”。参见说明书附图 3 模块 350）；

(c) 规则库包括呼叫时间、使用者的活动、呼叫优先级、使用者状态、呼叫的紧急程度和使用者的位置等，基于规则库中上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型（相当于“预定通讯处理标准取决于至少一个可配置的规则，而且其中，该至少一个可配置的规则利用以下因素中的一个或多个：该流入通讯请求的时间，有关接收者当前活动的一条信息，请求者的能取得联系的优先级，接收者的状态，该流入通讯请求的紧急等级以及接收者的当前位置”。参见说明书第[0025]段第 9-11 行，表 1、附图 3），因而在其引用的权利要求 23 至 28 之一不具备创造性的基础上，从属权利要求 29 也不具备创造性。





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址”。“请求者已与接收者通过接收者的地址建立通讯联系”。参见说明书第[0025]段第9-11行，第[0029]段第2-12行、附图3)。权利要求29请求保护的技术方案与对比文件1的区别在于：“请求者不必知道或被提供接收者的地址”。对本领域技术人员来说，当时叫者的通讯请求，例如来电，被转移到使用者的备用电话时，尽管他们之间建立了通话，但呼叫者可以不知道该备用电话的号码，使用者也可以设置不需告知呼叫者该备用电话的号码，以保护使用者的隐私。这是本领域的惯用技术手段。因而在对比文件1的基础上结合本领域的惯用技术手段以得到该权利要求请求保护的技术方案，对本领域技术人员来说是显而易见的，因此权利要求29请求保护的技术方案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

30、从属权利要求30对权利要求29作了进一步的限定，对比文件1还公开了：根据规则集中的规则决定采取通讯的类型。例如呼叫转移到备用电话设备（相当于“该地址是接收者的一个电话号码”。参见说明书第[0029]段第7-8行）。因而在其引用的权利要求29不具备创造性的基础上，从属权利要求30也不具备创造性。

31、从属权利要求31对权利要求29或30作了进一步的限定，对比文件1还公开了以下技术特征。由说明书表1可知，呼叫者可以通过IP地址、电话号码、电子邮件等发送通讯请求，并与使用者建立通讯联系。而系统可以通过声音识别、PIN号码来验证呼叫者身份（相当于“请求者通过一个请求者的地址发送该流入通讯请求，请求者通过请求者地址与接收者建立通讯联系，接收者了解请求者的身份”。参见说明书第[0036]段第1-5行）；此外，对比文件3公开了一种电话通讯方法及装置，其具体做了以下技术特征：通讯过程中利用了虚拟通讯系统，当设备以虚拟的虚拟通讯代码与外界通讯时，电话用户的原始电话号码即被遮蔽，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以确保拨打方的个人隐私（相当于“请求者已通过请求者地址与接收者建立通讯联系，接收者不必知道请求者地址”。参见说明书第2页第18-21行、附图1）。且上述技术特征在对比文件3和本申请中的作用相同，均是隐藏请求者的实际联系方式以保护其隐私。即对比文件3给出了将上述技术特征应用于对比文件1以解决其技术问题的启示。由此可见，在对比文件1的基础上结合对比文件3以及本领域的惯用技术手段以得到该权利要求请求保护的技术方案，对本领域技术人员来说是显而易见的，因此在其引用的权利要求29或30不具备创造性的基础上，从属权利要求31也不具有突出的实质性特点和显著的进步，因而不具备创造性。

32、从属权利要求32对权利要求31作了进一步的限定，其限定部分的附加技术特征“请求者地址是一个电子邮件”也已为对比文件1公开（参见说明书表1），因而在其引用的权利要求31不具备创造性的基础上，从属权利要求32也不具备创造性。

(二) 对于申请人的意见陈述

申请人陈述了权利要求具有创造性的理由，认为：

对比文件3(CN1463981A)描述了用户有一只电话但采用两个电话号码的情况，电话号码之一是实际用于电话连接的物理电话号码，另一个电话号码是用于识别目的但不能进行实际电话连接的虚拟电话号码。如果采用虚拟电话号码模式，那么呼叫者(比如商业呼叫)就不能通过虚拟电话号码到达用户，即使用户的物理手机号码一直是畅通的。为了使用这一业务，用户必须在服务供应商处登记。对比文件3和本发明的区别之一在于对比文件3没有教导“呼叫/消息的紧急性”的概念。呼叫的紧急性允许即便按通常情况用户不希望被打扰的情况下用户能够接收某些实际很重要的呼叫。这一点在对比文件3中是不可行的。对比文件3既没有教导呼叫者如何能够选择呼叫/消息的合适紧急性，也没有为呼叫者提供设置紧急水平的操作步骤。由于没有在呼叫者一侧提供紧急程度设置，用户不能如同本发明那样创建智能规则来接收重要的呼叫。

对比文件1和2也没有教导如何在呼叫者一侧设置呼叫的紧急程度。因此，本领域的普通技术人员在阅读了对比文件1-3之后，依然不知道如何创建紧急程度。即便“呼叫/消息的紧急性”在对比文件1-3中，需要对呼叫处理过程的每个环节做全新的创制革新，才能实现和本发明相同的技术效果。

审查员对此持有不同观点：

首先，根据创造性判断的“三步法”，确定对比文件1为最接近的现有技术，





中华人民共和国国家知识产权局



101

区别在于“虽然该过程允许使用者接收到该消息，但某人不知道使用者的联系方式，防止某人不通过网站直接联系使用者，或者使用者不知道该人的联系方式，以防止使用者不通过网站直接联系某人”，其解决的技术问题是保护用户隐私，而参见对权利要求 1 的评述可知，对比文件 3 已经公开了上述区别，且该区别技术特征在对比文件 3 中的作用也是保护用户隐私，与本申请相同，即对比文件 3 给出了将上述技术特征应用于对比文件 1 以解决保护用户隐私的技术问题的启示；

其次，尽管在对比文件 3 为了使用该业务，用户必须开通虚拟电话号码模式，并且在服务供应商处登记，然而这并不妨碍将其应用到对比文件 1 中的通讯模式中解决保护隐私的技术问题。由于对比文件 1 才是最接近的现有技术，对比文件 3 则是用于结合到对比文件 1 中解决上述技术问题的，因而，无需考虑对比文件 3 中是否教示“呼叫/消息的紧急性”的概念，因为该特征已经被对比文件 1 公开；

再次，尽管申请人认为“对比文件 1 第 2 段没有教导如何在呼叫者一侧设置呼叫的紧急程度，本领域的普通技术人员在阅读了对比文件 1-3 之后，依然不知道如何创建紧急程度”，但是权利要求 1 的技术方案仅记载了“配置用来识别该信息的紧急程度的机构”这样一个功能模块（该特征已被对比文件 1 公开），并没有记载具体如何创建或设置紧急程度。例如，基于何种算法来实现创建或识别紧急程度的功能；实际上，本申请的申请文件中给出的均是“设置和识别紧急程度”“一方不知道另一方的联系方式，防止一方不通过网站直接联系另一方”等功能性模块，并没有记载包括这些功能模块的呼叫处理过程的每个环节应该具体通过什么样的装置或算法得以实现，而上述功能性模块的特征已被对比文件 1-3 公开且作用相同。通过对权利要求的评述可知，本领域技术人员获悉权利要求请求保护的技术方案是显而易见的。

此外，更进一步，如首次审查意见通知书提到的，“尽管用户可以接收消息，呼叫者并不了解用户的接触信息”（即系独立权利要求 30 中的区别技术特征）；对比了现有技术中的常用的呼叫转移情况，例如，当呼叫者或用手机时，用户可以将来电转移到某一固定电话，而且通常情况下呼叫者并不知道该固定电话的号码，这是本领域的惯用技术手段。而“尽管用户可以接收消息，用户并不了解呼叫者的接触信息”的特征在例如对比文件 3 等很多现有技术中予以记载（例如，公开日为 1999 年 12 月 16 日的 CN1338626A、公开日为 2004 年 2 月 11 日的 GB2391750A 等），呼叫者可以隐藏自己的实际号码与别人进行通信联系，以保证隐私，这在本领域也是很常用的，将其应用于对比文件 1 中基于网站的通讯过程以达到防止一方不通过网站直接联系另一方的目的，这是本领域技术人员无需付出创造性劳动显而易见的。

因此，申请人的意见陈述不具有说服力。

基于上述理由，本申请的全部权利要求都不具备创造性。同时说明书中也没有记载其他任何可以授予专利权的实质性内容，如果申请人不能提出表明本申请具有创造性的充分理由，本申请将被驳回。

审查员姓名: 汤崇光



210404
2016 2

案件申请，照通函商：100088 北京市海淀园南门路西大街 5 号 国家知识产权局专利局受理处
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以国家知识产权局规定的
文件视为未提交。

11 / 11

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.	2006/0003803 A1	Jan.-06	Thomas et al.			
	2.	7,188,073 B1	Mar.-07	Tam et al.			
	3.	7,729,688 B2	Jun.-10	Cheung et al.			
	4.	7,890,128 B1	Feb.-02	Thomas et al.			
	5.						
	6.						
	7.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	Third Office Action for CN Patent Application No. 200680027964.9, dated 4/8/11 (11 pages).
B	
C	
D	
E	
F	
G	
H	
I	
J	

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Electronic Patent Application Fee Transmittal

Application Number:	12798995
Filing Date:	14-Apr-2010
Title of Invention:	Systems and processes to manage multiple modes of communication
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Filer:	Peter P. Tong
Attorney Docket Number:	IPVMCP02C1

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with \$0 paid	2251	1	65	65

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				245

Electronic Acknowledgement Receipt

EFS ID:	10691808
Application Number:	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	Systems and processes to manage multiple modes of communication
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Customer Number:	34071
Filer:	Peter P. Tong
Filer Authorized By:	
Attorney Docket Number:	IPVMCP02C1
Receipt Date:	08-AUG-2011
Filing Date:	14-APR-2010
Time Stamp:	20:56:20
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 245
RAM confirmation Number	6467
Deposit Account	503874
Authorized User	TONG,PETER P

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 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	IPVMCP02C1AmdATrans8-11.pdf	22731 d1e289c21c97981176d1ff901070d11eab004b1	no	1
Warnings:					
Information:					
2	Amendment/Req. Reconsideration-After Non-Final Reject	IPVMCP02C1AmdAasfiled8-11.pdf	66579 61a284f6300a852476c0ec1210562a9098db9a	no	15
Warnings:					
Information:					
3	Transmittal Letter	IPVMCP02C1IDSTrans8-11.pdf	22626 1a89e6f937291ec87f11a44098bb11803bcb71a	no	2
Warnings:					
Information:					
4	Non Patent Literature	IPVMCP02CN-3rd-OA-4-11.pdf	4249265 1b07c94201e620687d11582a1938966aa65b1608	no	11
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Form (SB08)	IPVMCP02C1-1449-8-11.pdf	22561 8e644d016a028b776c0ec596a082c5c4b171711	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
6	Fee Worksheet (SB06)	fee-info.pdf	31864 e9da2ec88a1555018139ab76610d03824941cb5	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			4415626		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT A TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	20	MINUS	20	00	x 26 =	x 52 =
Independent Claims	3	MINUS	4	00	x 110 =	x 220 =
Multiple Dependent Claim Present and Fee Not Previously Paid					\$	\$
Total					\$00.00	\$

- Applicant(s) hereby petition for a one- month extension(s) of time to respond to the aforementioned Office Action.
- Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
- Any fees due are being paid electronically herewith.
- Please charge any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/

Peter P. Tong
Reg. No. 35,757

Appln. No. 12/798,995

Atty. Docket No. IPVMCP02C1

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 12/798,995		Filing Date 04/14/2010		<input type="checkbox"/> To be Mailed		
APPLICATION AS FILED – PART I					SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)									
FOR	NUMBER FILED	NUMBER EXTRA			RATE (\$)	FEE (\$)			RATE (\$)	FEE (\$)	
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A			N/A				N/A		
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A			N/A				N/A		
<input type="checkbox"/> 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 \$ =		
<input type="checkbox"/> 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).										
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.											
APPLICATION AS AMENDED – PART II					SMALL ENTITY OR		OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)		(Column 3)							
AMENDMENT	08/08/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)			RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	- 20	Minus	** 20	= 0	X \$26 =	0	OR		X \$ =	
	Independent (37 CFR 1.16(h))	- 3	Minus	*** 4	= 0	X \$110 =	0	OR		X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE	0	OR		TOTAL ADD'L FEE	
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 \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						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: /LINDA 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.**

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NOTICE OF ALLOWANCE AND FEE(S) DUE

34071 7590 09/29/2011
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER
DOAN, KIET M

ART UNIT PAPER NUMBER
2617

DATE MAILED: 09/29/2011

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193
TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

Table with 7 columns: APPL. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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)

34071 7590 09/29/2011
IPVENTURE, INC.
 5150 EL CAMINO REAL
 SUITE A-22
 LOS ALTOS, CA 94022

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.	FILED DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	------------	----------------------	---------------------	------------------

12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional YES \$870 \$300 \$0 \$1170 12/29/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
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DOAN, KIET M 2617 -455-415000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

- 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, 1 _____
- (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. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- A check is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 12/798,995, 04/14/2010, Kwok Wai Cheung, IPVMCP02C1, 3193

34071 7590 09/29/2011
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER

DOAN, KIET M

ART UNIT PAPER NUMBER

2617

DATE MAILED: 09/29/2011

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

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

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.

Notice of Allowability	Application No.	Applicant(s)	
	12/798,995	CHEUNG ET AL.	
	Examiner	Art Unit	
	KIET DOAN	2617	

-- 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 08/08/2011 and examiner amendment attached hereto.
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 1,3-5,8, 9 and 21-30.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. 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. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>09/27/2011</u> |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>08/08/2011</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

/Kiet Doan/
 Primary Examiner, Art Unit 2617

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	12/798,995	CHEUNG ET AL.	
	Examiner	Art Unit	
	KIET DOAN	2617	

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

(1) KIET DOAN. (3) _____

(2) Peter Tong. (4) _____

Date of Interview: 27 September 2011.

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, 21 and 26.

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...)

Discussed with applicant's Representative Peter Tong regarding examiner amendment of claims 1, 21 and 26 in order to place application for condition of allowance, see office action.

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

/Kiet Doan/
Primary Examiner, Art Unit 2617

DETAILED ACTION

This office action is in response to applicant's remarks filed on 08/08/2011.

Claims 1-10 are amended.

Claims 11-20 are cancelled.

Claims 21-30 are new.

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 08/08/2011. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Peter Tong at (650) 283-3535 on 09/27/2011.

The application is amended as follows:

Claims 2, 6, 7 and 10 are cancelled.

Claim 1. A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of

a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the method comprising:

receiving, by the server, the message from the first device;

identifying, by the server, the identity of the person; and

setting, by the server, a process for the message using one or more rules, based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server, and

wherein the server can be restricted from accessing the status of the user from the second device,

wherein the access priority of the person depends on a user's reaction towards a prior message from the person.

21. A server based on a communication protocol for managing the communication of a user, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the server comprising:

- at least one computing device; and
- at least one storage device,

wherein the at least one computing device is configured to receive the message from the first device; identify the identity of the person; and set a process for the message using one or more rules based on at least

a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server, and

wherein the server can be restricted from accessing the status of the user from the second device,

wherein the status of the user depends on the current activity or location of the user, or the current time.

wherein the second device is a handheld device, which is used to set the status of the user, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

Claim 26. A non-transitory computer readable medium including at least executable computer program code tangibly stored therein for manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, said computer readable medium comprising:

computer program code for receiving, by the server, the message from the first device;

computer program code for identifying the identity of the person; and

computer program code for setting a process for the message using one or more rules based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the computer program code does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the computer program code also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server, and

wherein the server can be restricted from accessing the status of the user from the second device,

wherein the status of the user depends on the current activity or location of the user, or the current time,

wherein the second device is a handheld device, which is used to set the status of the user, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1, 3-5, 8, 9 and 21-30 are allowed according to applicant's remarks filed on 08/08/2011 and further examiner amendment attached hereto.

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 KIET DOAN whose telephone number is (571)272-7863. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. 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.

Application/Control Number: 12/798,995
Art Unit: 2617

Page 8

/Kiet Doan/
Primary Examiner, Art Unit 2617

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
/K.D./	1.	2006/0003803 A1	Jan.-06	Thomas et al.			
/K.D./	2.	7,188,073 B1	Mar.-07	Tam et al.			
/K.D./	3.	7,729,688 B2	Jun.-10	Cheung et al.			
/K.D./	4.	7,890,128 B1	Feb.-02	Thomas et al.			
	5.						
	6.						
	7.						

Foreign Documents


Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

/K.D./	A	Third Office Action for CN Patent Application No. 200680027964.9, dated 4/8/11 (11 pages).
	B	
	C	
	D	
	E	
	F	
	G	
	H	
	I	
	J	

Examiner	/Kiet Doan/	Date Considered	09/27/2011
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Search Notes 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
		4/7/2011	
455	414		KD
709	217		KD
379	207.04		KD
		9/20/2011	
455	415		KD
	411		KD
	412.1		KD
	412.2		KD
	435.3		KD
	527		KD
370	444		KD
	336		KD
	395.2207		KD
709	225		KD

SEARCH NOTES		
Search Notes	Date	Examiner
	4/7/2011	
inventor Search		KD
Eats Saerch		KD
related case history search 11/452,115		KD
(portal web website (web adj site) webpageurl) near2 stor\$4 near2 (information message\$1) and (mobile wireless pda \$4phone portable user) near2 (access retriev\$3 request\$3) with (information message\$1)		KD
(portal web website (web adj site) webpage url) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda \$4phone portable user) near2 (retriev\$3 request\$3) near3 ((voice near message\$1) message\$1) near3 (wed website (web adj site) portal url)		KD
(yahoo google) near3 ((\$4phone near number) number\$1)		KD
(mobile wireless) near3 receiv\$4 near3 message\$1 and message\$4 near4 (transmit\$4 delivery forward\$4 send\$3) near6 (website (web adj site))		KD
	9/20/2011	

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SEARCH NOTES

Search Notes	Date	Examiner
(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1		KD
(server (base near station) computer) with access with priorit\$3 and (server (base near station) computer) with (trasmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller		KD
(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.clm.		KD
update East search		KD
455/415,411,412.1,412.2,435.3,527.ccls.		KD

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
		9/20/2011	
709	207		KD
	206		KD
	219		KD

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	40	("20020067806" "20020094067" "20030041048" "20030103600" "20030129968" "20030232629" "20040024882" "20040122979" "20050037785" "20050071253" "20050191994" "20050192061" "20050273327" "20060288099" "20070047522" "5548636" "5758079" "5786893" "5828731" "5930700" "5970388" "6119022" "6463462" "6577859" "6636888" "6665534" "6801793" "6816578" "6819757" "6978136" "7010288" "7010332" "7027842" "7043261" "7072452" "7085253" "7107010" "7111044" "7116976" "7376434" "8816578").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 11:36
L3	0	(server (base near station) computer) with access with priority same (boss wife friend\$1 love\$2 family) and (server (base near station) computer) with (trasmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:03
L4	32	(server (base near station) computer) with access with priorit\$3 and (server (base near station) computer) with (trasmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:03
L5	0	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) with (id identif\$4 verif\$3) near1 caller and (wife (girl near friend\$1) wife love\$2 boss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:10
L6	1	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) near2 (id identif\$4 verif\$3) and (wife (girl near friend\$1) wife love\$2 boss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:10
L7	367	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) with (id identif\$4 verif\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:11
L8	9	7 and (server (base near station) computer) with (block\$4 stop\$3 inhibit) with (information data location position) and restrict\$3 with access\$3	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	2011/09/20 12:13


			DERWENT			
L9	191	7 and (block\$4 stop\$3 inhibit restrict\$3) with access\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:19
L10	725	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) wife love\$2 boss client\$1 family friend\$1) and restrict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:29
L11	141	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and restrict\$3 and (inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with (transmit\$3 send\$3 forward\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:32
L12	5	("20010009858" "20010051514" "20020101979" "5862485" "6208728").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:48
L13	1	"7039176".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:51
L14	13	("20010011228" "5479487" "5822306" "5903641" "5982873" "6046762" "6163607" "6173053" "6230197" "6233332" "6263066" "6487291" "6570980").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:51
L15	419	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:54
L16	35	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:55
L17	11	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:57
L18	130	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:57
L19	382	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and	US-PGPUB; USPAT;	OR	OFF	2011/09/20 13:04

EAST Search History

		(restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3)	USOCR; EPO; JPO; DERWENT			
L20	8034	455/415,411,412.1,412.2,435.3,527.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 13:04
L21	10	19 and 20	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 13:04
L22	5	("20010051915" "20040073814" "20040260709" "20040264697" "5634197").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 13:05
S1	2	"7729688".pn.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 00:48

9/ 20/ 2011 1:09:58 PM

C:\Users\kdoan\Documents\EAST\Workspaces\12798995.wsp

<i>Index of Claims</i> 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

✓	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	04/06/2011	09/27/2011						
1	1	✓	=						
	2	✓	-						
2	3	✓	=						
3	4	✓	=						
5	5	✓	=						
	6	✓	-						
	7	✓	-						
4	8	✓	=						
6	9	✓	=						
	10	✓	-						
	11	✓	-						
	12	✓	-						
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	15	✓	-						
	16	✓	-						
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14	28		=						
15	29		=						
16	30		=						

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	("20020165784" "20030033356" "6459788" "6473505" "6570963" "6690664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/27 16:17
L2	8	("5206903" "5504739" "5592541" "5628025" "5675635" "5828740" "5870552" "6262976").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/27 16:20
L3	1214	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/27 16:23
L4	285	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/27 16:24
L5	21	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/27 16:24
L6	7	("5432780" "5513210" "5729542" "5737691" "5794156" "5862452" "6208865").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/27 16:27
L7	171	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3) and set\$4 near4 (status location position tim\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/27 16:29
S1	2	"7729688".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 00:48
S2	40	("20020067806" "20020094067" "20030041048" "20030103600" "20030129968" "20030232629" "20040024882" "20040122979" "20050037785" "20050071253" "20050191994" "20050192061" "20050273327" "20060288099" "20070047522" "5548636" "5758079" "5786893" "5828731" "5930700" "5970388" "6119022" "6463462" "6577859" "6636888" "6665534" "6801793" "6816578" "6819757" "6978136" "7010288" "7010332")	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 11:36

		"7027842" "7043261" "7072452" "7085253" "7107010" "7111044" "7116976" "7376434" "8816578").PN.				
S3	0	(server (base near station) computer) with access with priority same (boss wife friend\$1 love\$2 family) and (server (base near station) computer) with (transmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:03
S4	32	(server (base near station) computer) with access with priorit\$3 and (server (base near station) computer) with (transmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:03
S5	0	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) with (id identif\$4 verif\$3) near1 caller and (wife (girl near friend\$1) wife love\$2 boss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:10
S6	1	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) near2 (id identif\$4 verif\$3) and (wife (girl near friend\$1) wife love\$2 boss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:10
S7	367	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) with (id identif\$4 verif\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:11
S8	9	S7 and (server (base near station) computer) with (block\$4 stop\$3 inhibit) with (information data location position) and restrict\$3 with access\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:13
S9	191	S7 and (block\$4 stop\$3 inhibit restrict\$3) with access\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:19
S10	725	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) wife love\$2 boss client\$1 family friend\$1) and restrict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:29
S11	141	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and restrict\$3 and (inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with (transmit\$3 send\$3 forward\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:32
S12	5	("20010009858" "20010051514" "20020101979" "5862485" "6208728").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:48
S13	1	"7039176".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:51
S14	13	("20010011228" "5479487" "5822306" "5903641" "5982873" "6046762" "6163607" "6173053" "6230197"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:51

EAST Search History


		"6233332" "6263066" "6487291" "6570980").PN.				
S15	419	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:54
S16	35	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.cfm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:55
S17	11	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.cfm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:57
S18	130	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:57
S19	382	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 13:04
S20	8034	455/415,411,412.1,412.2,435.3,527.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 13:04
S21	10	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 13:04
S22	5	("20010051915" "20040073814" "20040260709" "20040264697" "5634197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 13:05
S23	1	12/798995	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 11:09
S24	4	"729688".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 11:11
S25	2	"7729688".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2011/09/27 11:11

EAST Search History

			DERWENT; IBM_TDB			
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S27	2	"20050102726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 13:12
S28	2	"6819757".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 13:41

9/ 27/ 2011 4:48:56 PM

C:\Users\kdoan\Documents\EAST\Workspaces\12798995.wsp

Issue Classification 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

ORIGINAL					INTERNATIONAL CLASSIFICATION												
CLASS		SUBCLASS			CLAIMED					NON-CLAIMED							
455		415			H	D	4	M	3 / 42 (2006.01.01)								
CROSS REFERENCE(S)					H	D	4	W	4 / 00 (2009.01.01)								
					H	D	4	M	3 / 00 (2006.01.01)								
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																
455	411	412.1	412.2	435.3													
379	265.09																

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		17												
	2		18												
2	3		19												
3	4		20												
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	13	15	29												
	14	16	30												
	15														
	16														

NONE	Total Claims Allowed:					
(Assistant Examiner)	(Date)	16				
/KIET DOAN/ Primary Examiner, Art Unit 2617	09/27/2011	<table border="1" style="width: 100%;"> <tr> <td>O.G. Print Claim(s)</td> <td>O.G. Print Figure</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> </table>	O.G. Print Claim(s)	O.G. Print Figure	1	2
O.G. Print Claim(s)	O.G. Print Figure					
1	2					
(Primary Examiner)	(Date)					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**REQUEST FOR CONTINUED EXAMINATION (RCE)
(37 CFR §1.114)**

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This is a Request for Continued Examination (RCE) of the above-identified application.

1. Submission required under 37 C.F.R. §1.114:

- a. Previously submitted
 - i. Consider the amendment/reply under 37 C.F.R. §1.116 previously filed on _____. (Any unentered amendment referred to above will be entered.)
 - ii. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____.
 - iii. Other _____.
- b. Enclosed
 - i. Amendment/Reply
 - ii. Affidavit/Declaration
 - iii. Information Disclosure Statement with Form PTO-1449
 - Copies of IDS Citations
 - iv. Other _____.

Appln. No. 12/798,995.

Atty. Docket No. IPVMCP02C1

2. **Fees:** (The RCE fee is required at the time the RCE is filed.)

Fee Calculation (37 CFR §1.16)

Fee for Request for Continued Examination Under 37 C.F.R. §1.17(e)	\$930 =	
	TOTAL	\$465.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)	\$465	

- a. Applicant hereby petitions for a month extension of time.
 - b. Applicant believes that no (additional) extension of time is required; however, if it is determined that such an extension is required, Applicant hereby petitions that such an extension be granted and authorizes the Director to charge the required fees for an extension of time under 37 CFR §1.136 to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
 - c. Any fees due are being paid electronically herewith.
 - d. The Director is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
3. Please send correspondence to the following address:

Customer Number 34071

34071

IpVenture, Inc.
5150 El Camino Real, Suite A-22
Los Altos, CA 94022

Please direct any calls to (650) 903-9200, x102.

Date: December 8, 2011

/Peter P. Tong/

Peter P. Tong
Registration No. 35,757

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.	Attorney Docket No.: IPVMCP02C1
Application No.: 12/798,995	Examiner: DOAN, KIET M.
Filed: April 14, 2010	Group: 2617
Title: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION	

AMENDMENT B TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.
The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	20	MINUS	20	00	x 30 =	x 60 =
Independent Claims	4	MINUS	4	00	x 125 =	x 250 =
Multiple Dependent Claim Present and Fee Not Previously Paid					\$	\$
Total					\$00.00	\$

- Applicant(s) hereby petition for a _____ - month extension(s) of time to respond to the aforementioned Office Action.
- Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
- Any fees due are being paid electronically herewith.
- Please charge any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/
Peter P. Tong
Reg. No. 35,757

Appln. No. 12/798,995

Atty. Docket No. IPVMCP02C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT B

Mail Stop _____
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Allowance dated September 29, 2011, please amend the above-identified patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

Appln. No. 12/798,995

}

Docket No. IPVMCP02C1

Amendments to the Claims:

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

Listing of Claims:

1. (Currently amended) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the method comprising:
 - receiving, by the server, the message from the first device;
 - identifying, by the server, the identity of the person; and
 - setting, by the server, a process for the message using one or more rules based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,
 - wherein the server is aware of contact information of the person,
 - wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server, and
 - wherein the server can be restricted from accessing the status of the user from the second device, and
 - wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

2. (Cancelled)

3. (Currently amended) The non-transitory computer-implemented method as recited in claim 1, wherein the access priority of the person is allowed to be set by the user.
4. (Currently amended) The non-transitory computer-implemented method as recited in claim 1, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.
5. (Previously presented) The non-transitory computer-implemented method as recited in claim 1,
wherein the method depends on the mode of communication of the message,
and
wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.
6. (Cancelled)
7. (Cancelled)
8. (Previously presented) The non-transitory computer-implemented method as recited in claim 4, wherein the server can be restricted from accessing the access priority of the person from the second device.
9. (Previously presented) The non-transitory computer-implemented method as recited in claim 1,
wherein the server keeps an electronic calendar of the user, and
wherein an appointment is automatically set by the server for the user with the person in view of information in the calendar.

10-20. (Cancelled)

21. (Currently amended) A server based on a communication protocol for managing the communication of a user, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld device, the server comprising:

at least one computing device; and

at least one storage device,

wherein the at least one computing device is configured to

receive the message from the first device;

identify the identity of the person; and

set a process for the message using one or more rules based on at least a status of the user previously captured and stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

wherein the server can be restricted from accessing the status of the user from the second device,

wherein the status of the user to help set the process depends at least in part on the current activity or location of the user, or the current time,

~~wherein the second device is a handheld device, which is used to set the status of the user,~~ and

wherein the server can be restricted from accessing the access priority of the person from the second device.

22. (Currently amended) A server as recited in claim 21, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

23. (Cancelled)

24. (Original) A server as recited in claim 21,
wherein the process for the message also depends the mode of communication of the message, and
wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

25. (Original) A server as recited in claim 21, wherein the server is configured to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

26. (Currently amended) A non-transitory computer readable medium including at least executable computer program code tangibly stored therein for manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld device, said computer readable medium comprising:

computer program code for receiving, by the server, the message from the first device;

computer program code for identifying the identity of the person; and

computer program code for setting a process for the message using one or more rules based on at least a status of the user previously captured and stored at the

second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the computer program code does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the computer program code also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server, and

wherein the server can be restricted from accessing the status of the user from the second device,

wherein the status of the user to help set the process depends at least in part on the current activity or location of the user, or the current time,

~~wherein the second device is a handheld device, which is used to set the status of the user, and~~

wherein the server can be restricted from accessing the access priority of the person from the second device.

27. (Currently amended) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

28. (Cancelled)

29. (Original) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends the mode of communication of the message, and

wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat,

a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

30. (Original) A non-transitory computer readable medium as recited in claim 26, wherein said computer readable medium further comprises computer program code to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

31. (New) A server as recited in claim 21, wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

32. (New) A server as recited in claim 21, wherein the at least one computing device is configured to ask the user regarding changing the access priority of the person in view of at least a user's reaction towards a prior message from the person, and to change the access priority of the person if so instructed by the response of the user.

33. (New) A server as recited in claim 21, wherein the status of the user is allowed to be selected by the user from a plurality of preset statuses.

34. (New) A non-transitory computer readable medium as recited in claim 26, wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

35. (New) A non-transitory computer readable medium as recited in claim 26, wherein the computer readable medium further comprises:

computer program code for permitting the user to change the access priority of the person; and

computer program code for changing the access priority of the person if so instructed by the user.

36. (New) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld device, the method comprising:

receiving, by the server, the message from the first device;

identifying the identity of the person that is attempting to send the message to the user; and

setting a process regarding delivering the message to the user using one or more rules based on at least a status of the user previously captured and stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the message is delivered to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without using the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without using the server,

wherein the server can be restricted from accessing the status of the user from the second device,

wherein the status of the user to help set the process depends at least in part on the current activity or location of the user, or the current time, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

REMARKS

Applicants acknowledge with gratitude the allowance of the previously-presented claims 1, 3-5, 8, 9, 21, 22, 24-27, 29, and 30. By this amendment, Applicants have amended claims 1, 3, 4, 21, 22, 26 and 27 to further clarify the subject matter regarded as the invention; and have added claims 31-36. Accordingly, claims 1, 3-5, 8, 9, 21, 22, 24-27, and 29-36 remain pending.

All the pending claims should be in condition for allowance. Reconsideration of the application and an early Notice of Allowance are earnestly solicited.

In the event that the Examiner, upon reconsideration, determines that an action other than an allowance is appropriate, the Examiner is requested and authorized to telephone Applicants' representative below prior to taking such action, if the Examiner feels that such a telephone call will advance the prosecution of the present application.

Respectfully submitted,

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By: /Peter P. Tong/
Peter P. Tong
Registration No.: 35,757

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114.

Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/
Peter P. Tong
Registration No. 35,757

5150 El Camino Real,
Building A, Ste. 22
Los Altos, CA 94022

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.	2002/0142756 A1	Oct.-02	Rutledge et al.			
	2.	2005/0027385 A1	Feb.-05	Yuch			
	3.	2006/0239419 A1	Oct.-06	Joseph et al.			
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclasses	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Electronic Patent Application Fee Transmittal

Application Number:	12798995
Filing Date:	14-Apr-2010
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Filer:	Peter P. Tong/Angela Nijim
Attorney Docket Number:	IPVMCP02C1

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Request for continued examination	2801	1	-465	-465
Total in USD (\$)				465

Electronic Acknowledgement Receipt

EFS ID:	11575680
Application Number:	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Customer Number:	34071
Filer:	Peter P. Tong
Filer Authorized By:	
Attorney Docket Number:	IPVMCP02C1
Receipt Date:	12-DEC-2011
Filing Date:	14-APR-2010
Time Stamp:	03:55:06
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$465
RAM confirmation Number	7912
Deposit Account	503874
Authorized User	TONG,PETER P
<p>The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:</p> <ul style="list-style-type: none"> 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	Request for Continued Examination (RCE)	IPVMCP02C1RCE12-11.pdf	28328 4a4a40f0b65a6b50778fba4516f8db1847f1c18b	no	2
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
2	Miscellaneous Incoming Letter	IPVMCP02C1AmdBTrans12-11.pdf	17396 1ab231f9a45a93a752e52d33d88a941a6f4-4ba	no	1
Warnings:					
Information:					
3	Amendment Submitted/Entered with Filing of CPA/RCE	IPVMCP02C1AmdBasfiled12-11.pdf	43857 8ca018821078e61056015efc4ed7846efab995	no	9
Warnings:					
Information:					
4	Transmittal Letter	IPVMCP02C1IDSTrans12-11.pdf	20391 ef050a42a743aeb54d09bafcc989091924385	no	2
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Form (SB08)	IPVMCP02C1-1449-12-11.pdf	19466 cc6d0265178d96602c30b1a419c1e72621a1f7	no	1
Warnings:					
Information:					
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6	Fee Worksheet (SB06)	fee-info.pdf	30791 8d03d603658525b042ca41f0ab80b8e718be1	no	2
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Total Files Size (in bytes):			160229		

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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.

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 12/798,995		Filing Date 04/14/2010		<input type="checkbox"/> To be Mailed	
APPLICATION AS FILED – PART I					SMALL ENTITY <input checked="" type="checkbox"/> OR OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)			(Column 3)		(Column 4)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)	OR	FEE (\$)
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A			
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A			
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A			
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =	+	X \$ =		OR	X \$ =			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	+	X \$ =			X \$ =			
<input type="checkbox"/> 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).								
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(i))									
* If the difference in column 1 is less than zero, enter "0" in column 2.									
APPLICATION AS AMENDED – PART II					SMALL ENTITY <input type="checkbox"/> OR OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)		(Column 3)		(Column 4)		(Column 5)	
AMENDMENT	12/12/2011	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	- 20	Minus ** 20	= 0	X \$30 =	0	OR	X \$ =	
	Independent (37 CFR 1.16(h))	- 4	Minus *** 4	= 0	X \$125 =	0	OR	X \$ =	
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	
(Column 1)		(Column 2)		(Column 3)		(Column 4)		(Column 5)	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	-	Minus **	=	X \$ =		OR	X \$ =	
	Independent (37 CFR 1.16(h))	-	Minus ***	=	X \$ =		OR	X \$ =	
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					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: /JASON EADDY/				

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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NOTICE OF ALLOWANCE AND FEE(S) DUE

34071 7590 01/03/2012
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER
DOAN, KIET M

ART UNIT PAPER NUMBER
2617

DATE MAILED: 01/03/2012

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

Table with 7 columns: APPL. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE
nonprovisional YES \$870 \$300 \$0 \$1170 04/03/2012

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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)

34071 7590 01/03/2012
IPVENTURE, INC.
 5150 EL CAMINO REAL
 SUITE A-22
 LOS ALTOS, CA 94022

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.
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12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional YES \$870 \$300 \$0 \$1170 04/03/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
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DOAN, KIET M 2617 -455-415000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

- 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, 1 _____
- (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. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- A check is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

34071 7590 01/03/2012
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER

DOAN, KIET M

ART UNIT PAPER NUMBER

2617

DATE MAILED: 01/03/2012

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

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

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.

Notice of Allowability	Application No.	Applicant(s)	
	12/798,995	CHEUNG ET AL.	
	Examiner	Art Unit	
	KIET DOAN	2617	

-- 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 12/12/2011.
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 1,3-5,8,9,21,22,24-27 and 29-36.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. 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. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>12/12/2011</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

/Kiet Doan/
 Primary Examiner, Art Unit 2617

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12/12/2011 has been entered.

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 12/12/2011. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1, 3-5, 8, 9, 21, 22, 24-27 and 29-36 are allowance.

With regard to claims 1, 21, 26 and 36 the closes prior art record Shaffer et al. (US 7,224,775 B1) teaches a non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from

the first device to a second device of the user, the method comprising:

receiving, by the server, the message from the first device;

identifying, by the server, the identity of the person; and

However, Shaffer alone or in combination **fails to teach or fairly suggest**

setting, by the server, a process for the message using one or more rules based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

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 KIET DOAN whose telephone number is (571)272-7863. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. 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.

Application/Control Number: 12/798,995
Art Unit: 2617

Page 5

/Kiet Doan/
Primary Examiner, Art Unit 2617

Notice of References Cited	Application/Control No. 12/798,995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.	
	Examiner KIET DOAN	Art Unit 2617	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-7,224,775 B1	05-2007	Shaffer et al.	379/88.16
	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

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
		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.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
/K.D./	1.	2002/0142756 A1	Oct.-02	Rutledge et al.			
/K.D./	2.	2005/0027385 A1	Feb.-05	Yuch			
/K.D./	3.	2006/0239419 A1	Oct.-06	Joseph et al.			
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclasses	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	

Examiner	/Kiet Doan/	Date Considered	12/28/2011
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.




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BIB DATA SHEET

CONFIRMATION NO. 3193

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
12/798,995	04/14/2010	455	2617	IPVMCP02C1		
APPLICANTS Kwok Wai Cheung, Tai Po, CHINA; Peter P. Tong, Mountain View, CA; C. Douglass Thomas, Campbell, CA;						
** CONTINUING DATA ***** This application is a CON of 11/452,115 06/12/2006 PAT 7,729,688 which is a CIP of 11/006,343 12/07/2004 PAT 7,116,976 which claims benefit of 60/527,565 12/08/2003 and said 11/452,115 06/12/2006 claims benefit of 60/689,686 06/10/2005						
** FOREIGN APPLICATIONS *****						
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 04/30/2010						
Foreign Priority claimed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initials	CHINA	2	19	4
Verified and Acknowledged	/KIET M DOAN/ Examiner's Signature					
ADDRESS IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022 UNITED STATES						
TITLE SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION						
FILING FEE RECEIVED 655	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees		
				<input type="checkbox"/> 1.16 Fees (Filing)		
				<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)		
				<input type="checkbox"/> 1.18 Fees (Issue)		
				<input type="checkbox"/> Other _____		
			<input type="checkbox"/> Credit			


Issue Classification 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

ORIGINAL						INTERNATIONAL CLASSIFICATION								
CLASS			SUBCLASS			CLAIMED			NON-CLAIMED					
455			415			H	D	4	M	3 / 42 (2006.01.01)				
CROSS REFERENCE(S)						H	D	4	W	4 / 00 (2009.01.01)				
						H	D	4	M	3 / 00 (2006.01.01)				
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)													
455	411	412.1	412.2	435.3										
379	265.09													

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		17	12	32										
	2		18	13	33										
2	3		19	18	34										
3	4		20	19	35										
5	5	7	21	20	36										
	6	8	22												
	7		23												
4	8	9	24												
6	9	10	25												
	10	14	26												
	11	15	27												
	12		28												
	13	16	29												
	14	18	30												
	15	17	30												
	16	11	31												

NONE	Total Claims Allowed:	
	20	
(Assistant Examiner)	(Date)	
/KIET DOAN/ Primary Examiner, Art Unit 2617	12/28/2011	O.G. Print Claim(s)
(Primary Examiner)	(Date)	O.G. Print Figure
		1
		2

Index of Claims 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

✓	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	04/06/2011	09/27/2011	12/28/2011					
1	1	✓	=	=					
	2	✓	-	-					
2	3	✓	=	=					
3	4	✓	=	=					
5	5	✓	=	=					
	6	✓	-	-					
	7	✓	-	-					
4	8	✓	=	=					
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11	31			=					
12	32			=					
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18	34			=					
19	35			=					
20	36			=					

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	server with stor\$4 with (message\$1 (voice near mail)) and access near2 priority and (id identif\$3) and "455"/\$.cls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 15:32
L2	28	("4955083" "5365512" "5387905" "5392278" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5694393" "5717830" "5850611" "5884196" "5901142" "5912882" "5914958" "5983114" "6016512" "6229802").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/28 15:36
L3	44	(server portal) with control\$4 with (message\$1 information (voice near mail)) and access near2 priority and (server portal) with (id identif\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 15:41
L4	150	(server portal) with control\$4 with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 15:52
L5	2	"6768789".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:24
L6	2	"20020009184"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:25
L7	26	(server portal) with control\$4 with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:31
L8	121	(server portal) with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal) near2 stor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:35
L9	19	(server portal) with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal) near2 stor\$3 and "455"/\$.cls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:42

L10	17	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near\$3 access\$3 and access\$3 near\$3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3) and set\$4 near\$4 (status location position tim\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:49
S1	2	"7729688".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 00:48
S2	40	("20020067806" "20020094067" "20030041048" "20030103600" "20030129968" "20030232629" "20040024882" "20040122979" "20050037785" "20050071253" "20050191994" "20050192061" "20050273327" "20060288099" "20070047522" "5548636" "5758079" "5786893" "5828731" "5930700" "5970388" "6119022" "6463462" "6577859" "6636888" "6665534" "6801793" "6816578" "6819757" "6978136" "7010288" "7010332" "7027842" "7043261" "7072452" "7085253" "7107010" "7111044" "7116976" "7376434" "8816578").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 11:36
S3	0	(server (base near station) computer) with access with priority same (boss wife friend\$1 love\$2 family) and (server (base near station) computer) with (trasmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:03
S4	32	(server (base near station) computer) with access with priorit\$3 and (server (base near station) computer) with (trasmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:03
S5	0	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) with (id identif\$4 verif\$3) near1 caller and (wife (girl near friend\$1) wife love\$2 boss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:10
S6	1	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) near2 (id identif\$4 verif\$3) and (wife (girl near friend\$1) wife love\$2 boss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:10
S7	367	(server (base near station) computer) with access near2 priorit\$3 and (server (base near station) computer) with (id identif\$4 verif\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:11
S8	9	S7 and (server (base near station) computer) with (block\$4 stop\$3 inhibit) with (information data location position) and restrict\$3 with access\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:13
S9	191	S7 and (block\$4 stop\$3 inhibit restrict\$3) with access\$3	US-PGPUB; USPAT;	OR	OFF	2011/09/20 12:19


			USOCR; EPO; JPO; DERWENT			
S10	725	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) wife love\$2 boss client\$1 family friend\$1) and restrict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:29
S11	141	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and restrict\$3 and (inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with (transmit\$3 send\$3 forward\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:32
S12	5	("20010009858" "20010051514" "20020101979" "5862485" "6208728").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:48
S13	1	"7039176".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:51
S14	13	("20010011228" "5479487" "5822306" "5903641" "5982873" "6046762" "6163607" "6173053" "6230197" "6233332" "6263066" "6487291" "6570980").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 12:51
S15	419	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:54
S16	35	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss client\$1 family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:55
S17	11	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:57
S18	130	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 12:57
S19	382	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 13:04
S20	8034	455/415,411,412.1,412.2,435.3,527.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 13:04
S21	10	S19 and S20	US-PGPUB; USPAT; USOCR;	OR	OFF	2011/09/20 13:04

			EPO; JPO; DERWENT			
S22	5	("20010051915" "20040073814" "20040260709" "20040264697" "5634197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 13:05
S23	1	12/798995	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 11:09
S24	4	"729688".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 11:11
S25	2	"7729688".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 11:11
S26	0	"1020050102726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 13:11
S27	2	"20050102726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 13:12
S28	2	"6819757".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 13:41
S29	6	("20020165784" "20030033356" "6459788" "6473505" "6570963" "6690664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/27 16:17
S30	8	("5206903" "5504739" "5592541" "5628025" "5675635" "5828740" "5870552" "6262976").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/27 16:20
S31	1214	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) and access\$3 near\$3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/27 16:23
S32	285	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile	US-PGPUB; USPAT;	OR	OFF	2011/09/27 16:24

		wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3)	USOCR; EPO; JPO; DERWENT			
S33	21	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3) .clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/27 16:24
S34	7	("5432780" "5513210" "5729542" "5737691" "5794156" "5862452" "6208865").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/27 16:27
S35	171	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3) and set\$4 near4 (status location position tim\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/27 16:29
S36	2	"20020142756"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:04
S37	2	"20050027385"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:05
S38	2	"20060239419"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:06
S39	0	server with stor\$4 with message\$1 and server near3 (id identif\$3) near2 caller and access near2 priority	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:08
S40	0	server with stor\$4 with message\$1 and server with (id identif\$3) near2 caller and access near2 priority	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:10
S41	79	server with stor\$4 with message\$1 and server with (id identif\$3) and access near2 priority	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:10
S42	0	server with stor\$4 with (message\$1 (voice near mail)) and server with access near2 priority and (id identif\$3) near2 caller and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:22

12/ 28/ 2011 4:51:35 PM

C:\Users\kdoan\Documents\EAST\Workspaces\12798995.wsp

Search Notes 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
		4/7/2011	
455	414		KD
709	217		KD
379	207.04		KD
		9/20/2011	
455	415		KD
	411		KD
	412.1		KD
	412.2		KD
	435.3		KD
	527		KD
370	444		KD
	336		KD
	395.2207		KD
709	225		KD
		12/28/2011	
455	418		KD
	518		KD
	15		KD
	422.1		KD
	436		KD
370	296		KD
	401		KD
	328		KD
	310		KD
	356		KD
379	88.16		KD

SEARCH NOTES		
Search Notes	Date	Examiner
	4/7/2011	
inventor Search		KD
Eats Saerch		KD
related case history search 11/452,115		KD

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SEARCH NOTES

Search Notes	Date	Examiner
(portal web website (web adj site) webpageurl) near2 stor\$4 near2 (information message\$1) and (mobile wireless pda \$4phone portable user) near2 (access retriev\$3 request\$3) with (information message\$1)		KD
(portal web website (web adj site) webpage url) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda \$4phone portable user) near2 (retriev\$3 request\$3) near3 ((voice near message\$1) message\$1) near3 (wed website (web adj site) portal url)		KD
(yahoo google) near3 ((\$4phone near number) number\$1)		KD
(mobile wireless) near3 receiv\$4 near3 message\$1 and message\$4 near4 (transmit\$4 delivery forward\$4 send\$3) near6 (website (web adj site))		KD
	9/20/2011	
(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1		KD
(server (base near station) computer) with access with priorit\$3 and (server (base near station) computer) with (trasmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller		KD
(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.cfm.		KD
update East search		KD
455/415,411,412.1,412.2,435.3,527.ccls.		KD
	12/28/2011	
(server portal) with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal) near2 stor\$3 and "455"/\$.ccls.		KD
server with stor\$4 with (message\$1 (voice near mail)) and access near2 priority and (id identif\$3)		KD
(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3) and set\$4 near4 (status location position tim\$3).clm.		KD
Update East search		KD

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
		9/20/2011	
709	207		KD
	206		KD
	219		KD
		12/28/2011	
709	253		KD
379	88.16		KD

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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.						
	2.						
	3.						
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	Notice of Rejection for CN Patent Application No. 200680027964.9, dated 1/6/12 (11 pgs.)
B	
C	
D	
E	
F	
G	
H	
I	
J	

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



中华人民共和国国家知识产权局

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北京市海淀区知春路 49 紫金数码园 3 号楼 7 层 0707 北京亿腾知识产权代理事务所
陈实

发文日:

2012 年 01 月 06 日



200



申请号或专利号: 200680027964.9

发文序号: 2012019200035658

申请人或专利权人: 专利股份有限公司

发明创造名称: 管理多种通讯模式的系统和程序

驳 回 决 定

(进入国家阶段的 PCT 申请)

1. 根据专利法第 28 条及实施细则第 53 条的规定, 决定驳回上述专利申请, 驳回的依据是:

- 申请不符合专利法第 2 条第 2 款的规定。
- 申请属于专利法第 5 条或者第 25 条规定的不授予专利权的范围。
- 申请不符合专利法第 9 条第 1 款的规定。
- 申请不符合专利法第 20 条第 1 款的规定。
- 申请不符合专利法第 22 条的规定。
- 申请不符合专利法第 24 条第 3 款或者第 4 款的规定。
- 申请不符合专利法第 26 条第 3 款或者实施细则第 26 条的规定。
- 申请不符合专利法第 31 条第 1 款的规定。
- 申请的修改不符合专利法第 32 条的规定。
- 申请不符合专利法实施细则第 20 条第 2 款的规定。
- 分案申请不符合专利法实施细则第 43 条第 1 款的规定。

2. _____

详细的驳回理由见驳回决定正文部分(共 10 页)。

3. 本驳回决定是针对下列申请文件作出的:

- 原始提交的国际申请的中文文本或中文译文进行的。
- 下列申请文件进行的:

2008 年 1 月 29 日提交的说明书第 1-44 段、说明书附图、说明书摘要、摘要附图;

2010 年 7 月 26 日提交的权利要求第 1-32 项。

4. 根据专利法第 41 条及实施细则第 60 条的规定, 申请人对本驳回决定不服的, 可以在收到本决定之日起 3 个月内向专利复审委员会请求复审。

审查员: 刘德元

审查部门: 协作中心

联系电话: 010-82046041



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纸件申请, 应附纸件; 100088 北京市海淀区蓟门桥路士诚楼 5 号, 国家知识产权局专利受理处。
电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件, 除另有规定外, 以纸件形式提交的文件视为未提交。

1 / 11



中华人民共和国国家知识产权局

驳回决定

(进入国家阶段的 PCT 申请)

申请号: 2006800279649

本驳回决定涉及申请人专利创设有有限公司于 2006 年 5 月 7 日向国际局提出的国际申请号为 PCT/US2006/022015 的 PCT 发明专利申请, 优先权日为 2005 年 6 月 10 日; 本 PCT 申请于 2008 年 1 月 29 日进入中国国家阶段, 国家阶段申请号为 2006800279649, 发明名称为“管理多种通讯模式的系统和用程”。



OPD

一、案由

申请人亦本 PCT 申请进入中国国家阶段时, 提交的申请文件包括权利要求书、说明书、说明书附图、说明书摘要和摘要附图, 其中权利要求书包括 4 项独立权利要求和 29 项从属权利要求。

应申请人于 2008 年 5 月 13 日提出的复审审查请求, 审查员对本申请进行了实质审查, 并于 2010 年 3 月 26 日发出了第一次审查意见通知书, 指出: 权利要求 1-5, 10, 19, 21-28 不具备专利法第 22 条第 2 款规定的新颖性, 权利要求 3, 10, 18, 20-22, 29-33 不具备专利法第 22 条第 3 款规定的创造性, 引用的对比文件如下:

对比文件 1: US2005/0041048A1, 公开日期 2005 年 2 月 27 日;

对比文件 2: US5930760A, 公开日期 1999 年 7 月 27 日。

申请人于 2010 年 7 月 26 日针对第一次审查意见通知书提交了意见陈述书和申请文件替换页, 将独立权利要求 7 的附加技术特征加入到每权利要求 1, 11, 23 中形成新的权利要求 1, 10, 22, 并对新的权利要求 10 和 22 作了适应性的修改, 同时陈述了新提交的权利要求 1-32 具有新颖性和创造性的理由。

审查员于 2010 年 10 月 25 日发出了第二次审查意见通知书, 指出权利要求 1-33 不具备专利法第 22 条第 3 款规定的创造性, 引用了新的对比文件 3: CN1453981A, 公开日期 2003 年 11 月 5 日。

申请人于 2011 年 1 月 10 日针对第二次审查意见通知书提交了意见陈述书, 陈述了权利要求 1-32 具有创造性的理由, 但未对申请文件进行修改。

审查员于 2011 年 4 月 8 日发出了第三次审查意见通知书, 继续采用前次通知书中的对比文件评述了权利要求 1-32 不具备专利法第 22 条第 3 款规定的创造性。

申请人于 2011 年 5 月 31 日针对第三次审查意见通知书提交了意见陈述书, 但未对申请文件进行修改, 仅陈述了权利要求 1-32 具有创造性的理由, 认为: (1) 对比文件 3 没有披露“尽管用户可以接收消息, 呼叫者并不了解用户的接触信息, 从而避免呼叫者未经验于网络入口直接发送消息给用户, 并且/或者尽管用户可以接收消息, 用户并不了解呼叫者的接触信息, 从而避免用户未经验于网络入口直接发送消息给呼叫者”, 现有技术 CN1228636A 中的临时电话号码、GB2391750A 中的隐藏身份技术、以及呼叫面转等不同于本申请中的隐藏联系信息的技术。(2) 对比文件 1 没有披露“配置……紧急程序的机构”。

基于上述内容, 审查员认为本案事实已经清楚, 故作出本驳回决定。此决定所针对的审查文本是依照进入中国国家阶段时提交的国际申请文件中文文本中的说明书第 1-43 段、说明书附图图 1-5、说明书摘要、摘要附图, 以及 2010 年 7 月 26 日提交的权利要求 1-32 项。

二、驳回理由

(一) 权利要求 10-14, 17-23, 26-32 不具备专利法第 22 条第 3 款规定的创造性

1. 权利要求 10 请求保护一种基于网络入口为一个接收者管理进入通讯的计算机执行的方法。对比文件 1 (US2005/0041048A1) 公开了一种计算机执行的通讯管理系统和方法, 基于网络入口 (参见说明书第 [0015] 段); 并具体披露了以下特征 (参见说明书第 [0034] 段第 10-11 行, 表 1, 图 3), 该方法包括:



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纸件申请, 邮品请寄: 100088 北京市海定区蓟门桥西土城路 6 号 国家知识产权局专利受理处
电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件, 除另有规定外, 以纸件等其他形式提交的文件视为未提交。



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呼叫者/呼叫使用者，且呼叫者可以使用键盘、语音等设置此次呼叫的优先级（相当于“接收来自一个请求者的第一通讯类型的流入通讯请求”，见说明书第[0034]段第10-11行）；

通过访问使用者定义的规则库来确定呼叫优先级。规则库中包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则。（相当于“基于接收者提供的信息，确定请求者的能取得联系的优先级”，见说明书第[0021]段第4-7行，第[0026]段第1-4行，附图3）；

基于规则库中的规则和呼叫优先级，决定对此呼叫请求采取适当的操作，如常规语音邮件、定制声音邮件、自动呼叫使用者等通讯方式（相当于“基于一条或多条可配置的规则和请求者的能取得联系的优先级，为流入通讯请求确定一种适宜的通讯类型”，见说明书表1和附图3）；

权利要求10请求保护的技术方案与对比文件1的区别在于：尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经授权于网络入口直接发送消息给接收者，并且/或者尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经授权于网络入口直接发送消息给请求者。基于该区别技术特征可以确定：权利要求10相对于对比文件1实际要解决的技术问题是：在通讯过程中隐藏请求者和/或接收者的实际联系方式以保护用户隐私。对比文件3（CN1453981A）公开了一种电话通讯方法及装置，并具体披露了以下技术特征：通讯过程中利用了隐藏通讯服务系统，当设定以虚拟的隐藏通讯代码与外界通讯时，电话用户的原始电话号码即被隐藏，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以保障拨打方的个人隐私（相当于“尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经授权于网络入口直接发送消息给请求者”，参见说明书第2页第18-21行，附图1）；电话用户设定并启动隐藏通讯服务功能时，电话用户系开放以隐藏通讯代码与外界通讯，仅知隐藏通讯代码的特定人士，能够利用电话用户所输入的通讯电话号码，通过隐藏通讯代码，与电话用户保持通讯，以地保护电话用户的个人隐私（相当于“尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经授权于网络入口直接发送消息给接收者”，参见说明书第4页倒数第5行至第5页第2行），且上述技术特征在对比文件3和本申请中的作用相同，均是保护用户的隐私，即对比文件3给出了将上述技术特征应用于对比文件1以解决其技术问题的启示。尽管对比文件3中采用的是隐藏通讯服务系统，防止拨打方/用户不通过该系统直接联系用户/拨打方，然而对本领域技术人员来说，当通用是基于对比文件1所公开的网络入口时，将对比文件3中的隐藏通讯服务系统直接设置于对比文件1的网络入口中，从而避免请求者/接收者未经授权于网络入口直接发送消息给接收者/请求者，这也是容易想到，由此可见，在对比文件1的基础上结合对比文件3以及本领域的惯用技术手段以得到该权利要求请求保护的技术方案，对于本领域技术人员来说是显而易见的，因此权利要求10不具有突出的实质性特点和显著的进步，因而不具备创造性。

2、从属权利要求11对权利要求10作了进一步的限定，对比文件1还公开了以下技术特征：规则库36包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第1-4行），由说明书附图1可知，规则库36通过通讯节点16和通讯网络18联接，使用者38通过通讯网络18来设置规则库（见说明书第[0021]段第4-7行），而通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第15-18行），（相当于“所述一条或多条可配置的规则和/或该信息由接收者通过与一个网站的相互作用配置”），因而在其引用的权利要求10不具备创造性的基础上，从属权利要求11也不具备创造性。

3、从属权利要求12对权利要求10作了进一步的限定，对比文件1还公开了以下技术特征：规则库36包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第[0026]段第1-4行），且规则库36可被使用而设置（参见说明书第[0021]段第4-7行），（相当于“其中一条或多条可配置的规则和/或该信息储存在一个数据库中”），因而在其引用的权利要求10不具备创造性的基础上，从属权利要求12也不具备创造性。

4、从属权利要求13对权利要求10作了进一步的限定，被对比文件1还公开了以下技术特征：呼叫者38通过





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证或某电话号码进行通讯时,使用者选择的通讯方式可以是常规声音邮件和传呼信息(相当于“适宜的通讯类型与第一通讯类型不同”,参见说明书表1第2行),因而在其引用的权利要求10不具备创造性的基础上,从属权利要求12也不具备创造性。

5.从属权利要求14对权利要求10作了进一步的限定,对比文件1还公开了以下技术特征:确定使用者的状态(参见说明书附图3模块340),规则库36可由使用者设置(参见说明书第[0021]段第4-7行),基于规则库中的规则、呼叫优先级和使用者状态,决定对此呼叫请求采取适当的操作,如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式(参见说明书表1和附图3),“相当于”上述方法还包含了确定接收者的状态,而且,其中上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系的状态以及接收者的状态,确定该流入通讯请求的适宜通讯类型”,因而在其引用的权利要求10不具备创造性的基础上,从属权利要求14也不具备创造性。

6.从属权利要求17对权利要求10作了进一步的限定,其限定部分的附加技术特征为“适宜通讯类型从以下多个通讯类型中选择,包括用”,对比文件1还公开了以下特征:呼叫者10和使用者38使用的通讯设备包括有线电话、移动电话、PDA、网络电话、传真等(参见说明书第[0014]段第5-15行),使用者对呼叫采取的适宜通讯方式包括用移动电话发的传呼信息、电子邮件等(参见说明书第[0037]段第1-6行);除此之外,用移动电话打的电话、用办公电话打的电话、家庭电话机打的电话、用移动电话发送的SMS信息、用PDA发的SMS信息、用PDA发的传呼信息、在线聊天、带或不带即时提醒的声音邮件、办公室传真、家庭传真等通讯类型也是本领域常用的通讯类型,采用这些通讯类型是本领域的常用技术手段,因而在其引用的权利要求10不具备创造性的基础上,从属权利要求17也不具备创造性。

7.从属权利要求18对权利要求10作了进一步的限定,对比文件1还公开了以下技术特征:确定使用者的状态(参见说明书附图3模块340),规则库36可由使用者设置(参见说明书第[0021]段第4-7行),基于规则库中的规则,和基于以下一个或多个因素:呼叫时间、呼叫者的活动状态和位置,决定对此呼叫请求采取适当的操作,如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式(参见说明书表1和附图3),“相当于”上述方法还包括确定接收者的状态,并且其中,上述确定步骤执行用以基于所述一条或多条可配置的规则,以及基于以下一个或多个以下因素:该流入通讯请求的时间,有关接收者当前活动的一些信息,以及接收者的当地位置,确定该流入通讯请求的适宜通讯类型”,因而在其引用的权利要求10不具备创造性的基础上,从属权利要求18也不具备创造性。

8.从属权利要求19对权利要求10作了进一步的限定,对比文件2(CJ55939790A)公开了一种通讯管理系统和方法,并具体披露了以下技术特征:呼叫者的优先级可以根据使用者对该呼叫者此次呼叫请求的答复情况而实现更新(参见说明书第12栏第65-67行,附图12B),由对权利要求10的评述可知,基于呼叫者的优先级确定适宜的通讯类型,因此,对于该呼叫者下一次的呼叫请求,便可以基于更新后的呼叫者优先级来确定采取与前一次相同的通讯类型,“相当于”适宜通讯类型的确定步骤通过学习更加智能地识别适宜的通讯类型”,且其在权利要求19和对比文件2中所起的作用相同,均是使系统具有简单的智能记忆和学习功能,便于使用者的操作,也就是说对比文件2给出了将上述技术特征应用于对比文件1以解决其技术问题的手段,因此在对比文件1的基础上结合对比文件2、对比文件3以及本领域的常用技术手段以得到从属权利要求19请求保护的技术方案,对本领域技术人员来说是显而易见的,因而在其引用的权利要求10不具备创造性的基础上,从属权利要求19也不具备创造性。

9.从属权利要求20对权利要求10作了进一步的限定,对比文件1还公开了以下技术特征:如果呼叫者身份未知,则无论何种呼叫优先级、何种使用者状态和位置,何种时间,对此呼叫请求采取的操作均为常规声音邮件(相当于“上述确定适宜的通讯类型,包括过滤该流入通讯请求”,参见说明书第[0021]段第1行,表1);规则库36可由使用者设置(参见说明书第[0021]段第4-7行),基于规则库中的规则和呼叫者状态,决定对此呼叫请求采取适当的操作,例如声音邮件、传呼信息等(相当于“基于所述一条或多条可配置的规则以及请求者的能取得联系的状态,该流入通讯请求改向到另一种较小打扰的通讯类型”,参见说明书表1和附图3);此外,对于本领域技术人员来说,对于某些不安全的或被列入黑名单的呼叫者,系统也可自动



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电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外, 以电子文件形式提交的文件视为未提交。



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和该通讯请求，以提高该通讯管理方法的安全性，这是本领域的惯用技术手段。因此，在其引用的权利要求 19 不具备创造性的基础上，从属权利要求 20 也不具备创造性。

10. 从属权利要求 21 对权利要求 10 至 20 作了进一步的限定，对比文件 1 还公开了以下技术特征：规则库 36 规定采取的通讯类型可以是声音邮件，或将呼叫转移到管理助手、备用电话设备、无线信息设备，或转交给个人助理并以即时消息的方式转发给使用者等（相当于“把第一通讯类型的流入通讯请求转移到另一个适宜的通讯类型的通讯会话中”，参见说明书第[0029]段第 2-12 行），因而，在其引用的权利要求 10 至 20 之一不具备创造性的基础上，从属权利要求 21 也不具备创造性。

11. 权利要求 22 请求保护一种用于为一个接收者管理流入通讯的用计算机来执行的方法，对比文件 1 公开了一种计算机执行的通讯管理系统和方法，其基于网络入口（参见说明书第[0015]段），并具体披露了以下特征（参见说明书第[0029]段第 2-12 行，第[0054]段第 10-11 行，表 1，附图 3），该方法包括：

(a) 呼叫者呼叫使用者，且呼叫者可以使用键盘、声音等设置此次呼叫的优先级（相当于“接收指向接收者的流入通讯请求”，见说明书第[0034]段第 10-11 行）；

(b) 确定呼叫者身份、呼叫优先级、使用者的状态和位置等信息，并访问规则库决定如何对该通讯请求进行操作（相当于“基于该流入通讯请求，确定适用于处理指向该接收者的通讯请求时使用的预定通讯处理标准”，见说明书附图 3 模块 350）；

(c) 根据规则库中的规则，决定采取何种通讯类型，例如声音邮件，或将呼叫转移到管理助手、备用电话设备、无线信息设备，或转交给个人助理并以即时消息的方式转发给使用者等（相当于“基于该预定通讯处理标准，确定是否及如何把该流入通讯请求转移到多个通讯模式中的一个特定通讯模式”，参见说明书第[0029]段第 2-12 行，附图 3 模块 360）；

(d) 执行上述决定中所选择的通讯模式（相当于“自动将该流入通讯请求转移到该特定通讯模式，如果确定如此的话”，附图 3 模块 370）。

权利要求 22 请求保护的技术方案与对比文件 1 的区别在于：尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经基于网络入口直接发送消息给接收者，并且/或者尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经基于网络入口直接发送消息给请求者。基于该区别技术特征可以确定：权利要求 22 相对于对比文件 1 需要解决的技术问题是：在通讯过程中隐藏请求者和/或接收者的实际联系方式以保护用户隐私。对比文件 3 (CN1453981A) 公开了一种电话通讯方法及装置，并具体披露了以下技术特征：通讯过程中利用了隐藏通讯服务系统；当设定以虚拟的隐藏通讯代码与外界通讯时，电话用户的原始电话号码即被隐藏，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以确保拨打方的个人隐私（相当于“尽管接收者可以接收消息，但是接收者并不了解请求者的接触信息，从而避免接收者未经隐藏通讯服务直接发送消息给请求者”，参见说明书第 2 页第 18-21 行，附图 1），电话用户设定开启隐藏通讯服务功能时，电话用户需开放以隐藏通讯代码与外界通讯，仅当隐藏通讯代码的特定人士，能够利用电话用户形式上的通讯电话号码，即隐藏通讯代码，与电话用户保持通讯，以推进电话用户的个人隐私（相当于“尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经隐藏通讯服务系统直接发送消息给接收者”，参见说明书第 4 页倒数第 5 行至第 5 页第 2 行），且上述技术特征在对比文件 3 和本申请中的作用相同，均是保护用户的隐私，即对比文件 3 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的手段。尽管对比文件 3 中的采用的是隐藏通讯服务系统，防止拨打方/用户不通过该系统直接联系用户/拨打方，然而对本领域技术人员来说，将对比文件 1 所公开的网络入口，将对比文件 3 中的隐藏通讯服务系统直接设置于对比文件 1 所公开的网络入口中，从而避免请求者/接收者未经基于网络入口直接发送消息给接收者/请求者，这也是显而易见的。由此可知，对比文件 1 的基础上结合对比文件 3 以及本领域的惯用技术手段以得到该权利要求 22 所请求保护的技术方案对本领域技术人员来说是显而易见的，因此权利要求 22 不具有突出的实质性特点和显著的进步，因而不具备创造性。



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2010.2 电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以其他形式提交的文件视为未提交



12. 从属权利要求 23 对权利要求 22 作了进一步的限定, 对比文件 1 还公开了以下技术特征: 规则库 36 包含了呼叫者身份、呼叫优先级, 使用者的状态和位置等信息和规则(参见说明书第[0026]段第 1-4 行); 规则库 36 可由使用者设置(相当于“通讯处理标准的至少一个属性由接收者决定”, 参见说明书第[0021]段第 4-7 行), 采取的通讯类型可以是将呼叫转移到管理助手、备用电话设备、无线信息设备、或转发给个人助理并以即时消息的方式转发给使用者等(相当于“多个通讯模式至少包括三种通讯模式”, 参见说明书第[0029]段第 2-12 行), 因而在其引用的权利要求 22 不具备创造性的基础上, 从属权利要求 23 也不具备创造性。

13. 从属权利要求 26 对权利要求 23 作了进一步的限定, 对比文件 1 还公开了以下技术特征: 模块 340 中, 根据使用者的日程表、时间、位置等状态信息确定使用者优先级, 进而决定采取通讯的类型(相当于“预定通讯处理标准取决于接收者的优先级显示”, 参见说明书第[0033]段第 7-19 行、附图 3), 因而在其引用的权利要求 23 不具备创造性的基础上, 从属权利要求 26 也不具备创造性。

14. 从属权利要求 27 对权利要求 23、26 之一作了进一步的限定, 对比文件 1 还公开了以下技术特征: 由说明书附图 1 可知, 呼叫者 10 的通讯请求通过通讯网络 14 传达给使用者 38, 规则库 36 通过通讯节点 16 和通讯网络 18 联接, 规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则(参见说明书第[0026]段第 1-4 行), 使用者 38 可以通过通讯网络 18 来设置规则库(参见说明书第[0021]段第 4-7 行、附图 1), (相当于“该流入通讯请求可以通过一个数据网络, 而且, 其中该通讯处理标准的至少一个属性是由接收者通过一个网络的相互作用而设置的”), 因而在其引用的权利要求 23 至 26 之一不具备创造性的基础上, 从属权利要求 27 也不具备创造性。

15. 从属权利要求 28 对权利要求 23、26、27 之一作了进一步的限定, 对比文件 1 还公开了以下技术特征: 使用者的通讯设备可以是有线电话、移动电话等(相当于“该流入通讯请求可以由接收者通过电话接收”, 参见说明书第[0014]段第 5-7 行), 包含了呼叫优先级、使用者状态等参数的规则库可以由使用者设置(相当于“该通讯处理标准的至少一个属性由接收者设置”, 参见说明书第[0021]段第 13-14 行、第[0026]段第 1-4 行), 而对本领域技术人员来说, 使用者使用自己的电话对规则库中的参数进行设置, 以便于操作, 这是本领域的惯用技术手段, 因而在其引用的权利要求 23 至 27 之一不具备创造性的基础上, 从属权利要求 28 也不具备创造性。

16. 权利要求 29 请求保护一种用于为一个接收者管理流入通讯的用计算机来执行的方法, 对比文件 1 公开了一种基于计算机执行的通讯管理系统和方法, 并具体披露了以下特征(参见说明书第[0029]段第 2-12 行、第[0034]段第 10-11 行、表 1、附图 3), 该方法包括:

(a) 呼叫者呼叫使用者; 且呼叫者可以使用键盘、声音等设置此次呼叫的优先级(相当于“从请求者接收流入通讯请求”, 参见说明书第[0034]段第 10-11 行);

(b) 确定呼叫者身份、呼叫优先级、使用者的状态和位置等信息, 并访问规则库以确定如何对待该通讯请求进行的操作(相当于“基于该流入通讯请求, 确定适用于处理该向该接收者的通讯请求时使用的预定通讯处理标准”, 参见说明书附图 3 模块 350);

(c) 规则库包括呼叫时间、使用者的角色、呼叫优先级、使用者状态, 和使用者位置等, 基于规则库中上述因素中的一个或多个, 根据规则库中的规则决定采取通讯的类型, 例如声音邮件, 或将呼叫转移到管理助手、备用电话设备、无线信息设备、或转发给个人助理并以即时消息的方式转发给使用者等(相当于“基于一个或多个预定通讯处理标准, 自动将该流入通讯请求导入到接收者接收请求的一个地址”, “请求者已与接收者通过接收者的地址建立通讯联系”, 参见说明书第[0025]段第 9-11 行、第[0029]段第 2-12 行、附图 3); 权利要求 29 请求保护的技术方案与对比文件 1 的区别在于: “请求者不必知道或参与接收者接收请求的地址”, 对本领域技术人员来说, 当呼叫者的通讯请求, 例如来电, 被转移到使用者的备用电话设备时, 呼叫者并不知道该备用电话号码, 使用者也可以设置不告知呼叫者使用者的电话号码, 这是本领域的惯用技术手段, 因而对比文件 1 的基础上结合本领域的惯用技术手段得到该权利要求 29 请求保护的技术方案, 对本领域技术人员来说是显而易见的, 因此权利要求 29 请求保护的方案不具备创造性。

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纸件申请, 请送请费: 130068 北京市海定区蓟门桥西土城路 5 号 国家知识产权局 受理受理处
电子申请, 应当通过电子专利申请系统以电子文件形式提交相关文件, 除非有规定外, 以电子文件形式提交的文件均为原件。





案也不具有突出的实质性特点和显著的进步，因而不具备创造性。

17. 从属权利要求 30 对权利要求 29 作了进一步的限定，对比文件 1 还公开了：根据呼叫集中的规则决定采取通讯的类型，例如呼叫转移到备用电话设备（相当于“该地址是接收者的一个电话号码”。参见说明书第[0025]段第 3-4 行）。因而在其引用的权利要求 29 不具备创造性的基础上，从属权利要求 30 也不具备创造性。

18. 从属权利要求 31 对权利要求 29 或 30 作了进一步的限定，对比文件 1 还公开了以下技术特征：由说明书表 1 可知，呼叫者可以通过 IP 地址、电话号码、电子邮件等发送通讯请求，并与使用者建立通讯联系，而系统可以通过声音识别、PIN 号码来确定呼叫者身份（相当于“请求者通过一个请求者的地址发送该请求者地址与接收者建立通讯联系。接收者了解请求者的身份”，参见说明书第[0034]段第 1-5 行）；此外，对比文件 3 公开了一种电话通讯方法及装置，并具体披露了以下技术特征：通讯过程中利用了遮蔽通讯服务系统，当设定以虚拟的遮蔽通讯代码与外界通讯时，电话用户的原始电话号码即被遮蔽，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以确保拨打方的个人隐私（相当于“请求者已通过请求者地址与接收者建立通讯联系，接收者不必知道请求者地址”，参见说明书第 2 页第 18-21 行、附图 1），且上述技术特征在对比文件 3 和本申请中的作用相同，均是确保请求者的实际联系方式以保护其隐私。针对对比文件 3 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的启示。由此可见，在对比文件 1 的基础上结合对比文件 3 以及本领域的惯用技术手段以得到该权利要求请求保护的技术方案，对于本领域技术人员来说是显而易见的，因此在其引用的权利要求 29 或 30 不具备创造性的基础上，从属权利要求 31 也不具有突出的实质性特点和显著的进步，因而不具备创造性。

19. 从属权利要求 32 对权利要求 31 作了进一步的限定，其限定部分的附加技术特征“请求者地址是一个电子邮件”也已被对比文件 1 公开（参见说明书表 1），因而在其引用的权利要求 31 不具备创造性的基础上，从属权利要求 32 也不具备创造性。

(三) 针对申请人的意见陈述，具体评述如下：

1. 首先，对于“尽管用户可以接收消息，呼叫者并不了解用户的接触信息，并且/或者尽管用户可以接收消息，用户并不了解呼叫者的接触信息”理解，“接触信息”可以理解为用户/呼叫者的真实联系方式，例如真实的电话号码、邮箱等，而不宜理解为包括例如虚拟号码、服务器编号等在内的所有的任意联系方式。因为，无论采用何种手段，呼叫者和用户这两者之间若要能够取得联系，必须获知一方的至少一种联系方式，例如，真实的号码、或虚拟的号码/账号等，否则两者之间根本不可能建立起通信联系，因此，“不了解接触信息”仅意味着“不了解对方真实的联系方式”，而并不意味着“不了解对方的包括例如虚拟号码等在内的所有的联系方式”。本申请中这样做的目的是为了保护用户/呼叫者的隐私（参见说明书第 5 页第 1 行“当使用者不想披露他的联系方式但需要接受接收者提供的服务时”）。而对比文件 3 的通信系统和方法中，采用遮蔽通讯服务系统，设定虚拟的遮蔽通讯代码进行通讯，接收方不显示拨打方的原始电话号码，或拨打方可以不用告知接收方的原始电话号码，即，呼叫者/用户不了解对方的原始电话号码（即“接触信息”，而基于遮蔽通讯服务系统进行通讯，且对比文件 3 中说明书第 2 页第 21 行、第 5 页第 2 行等处明确公开了这样做的目的是保护个人隐私，且与在本申请中的作用相同，因而对比文件 3 给出了将上述特征应用于对比文件 1 以解决其技术问题的启示。其次，对于“避免呼叫者/用户未经基于网络入口直接发送消息给用户/呼叫者”，对比文件 3 中的通讯方式基于遮蔽通讯服务系统，其当然能够避免使得对方遮蔽通讯代码而不向对方原始电话号码的用户之间不经过该遮蔽通讯服务系统而进行直接通信，虽然其不是基于网络入口，但是对比文件 1 中公开了通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务等，例如可以通过电子邮件发送，而通讯是基于网络入口的，那么当对比文件 3 与对比文件 1 相结合时，本领域技术人员容易想到“遮蔽通讯服务系统”基于网站形式而设置，或直接设置于网络上或网络入口处，从而避免双方不通过网站而取得联系，这无需付出创造性劳动；此外，“基于网络入口”相关的特征没有记载于权利要求 29 中，故在评述权利要求 29 的创造性时，无需考虑该特征。



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收件申请，邮编信箱：100088 北京市海定区磁各庄路 6 号 国家知识产权局专利局受理处
电子申请：应当通过电子专利申请系统以电子文件形式提交相关文件。另有规定外，以纸质形式提交的
文件将未被接受。



对于审查员在前次通知书中提及的现有技术 CN1238636A、GB2391750A，和呼叫转移技术，均为现有技术中常见的“在不知道一方真实联系方式下进行通讯”的系统和方法，由于审查员在独立对权利要求 29 的评述中没有引入对比文件 3，而将区别技术特征“请求者不必知道或被提供接收者的地址”认定为本领域惯用技术手段，因而在前次通知书中提及的上述现有技术均是用于证明上述惯用技术手段的。

2. 对于“配置……紧急程度的机构”。

首先，权利要求的保护范围是以其记载的特征所确定的，有关“信息的紧急程度”的技术特征并未记载在权利要求 10-14、17-23、26-32 中，因而不予考虑。

其次，对比文件 1 在说明书第 27、34 段和附图 3 中公开了：模块 330 中，基于对呼叫者身份的识别来确定呼叫优先级（相当于“配置用来基于该人身份确定该人的访问优先权的机构”），呼叫优先级可以是低、中、普通、高、紧急。尽管对比文件 1 没有公开具有“配置用来识别该信息的紧急程度的机构”，然而通讯规则可以根据用户的需要进行设定。在对比文件 1 的基础上，增设用于配置信息的紧急程度的机构，并在规则库中设置“信息的紧急程度”，这对于本领域技术人员来说也是无需付出创造性便容易想到的。因此，对于记载了“信息紧急程度”相关技术特征的权利要求 1-9、15-16、24-25，其均是不具备创造性的（具体详述参见其它说明）。

三、决定

综上所述，本发明专利申请不符合专利法第 22 条第 3 款的规定，属于专利法实施细则第 53 条第(2)项的情形，因此根据专利法第 38 条予以驳回。

根据专利法第 41 条第 3 款的规定，申请人如果对本驳回决定不服，可以在收到本驳回决定之日起 3 个月内，向专利复审委员会请求复审。

四、其它说明

权利要求 1-9、15-16、24-25 不具备专利法第 22 条第 3 款规定的创造性。

1. 权利要求 1 请求保护一种管理使用器的通讯的计算装置，对比文件 1 (US2003/0040948A1) 公开了一种通讯管理方法和方法，并具体披露了以下特征（参见说明书第[0027]段和[0036]段、附图 3），该通讯是显示于某个人正试图用电子手段给使用者发送信息，该系统包括：

模块 340，配置用来识别使用者状态的机构（见附图 3）；

模块 310，配置用来识别该人身份的机构（见附图 3）；

模块 320 中，基于该人身份确定该人的访问优先权的机构（见说明书第[0027]段第 1-2 行，附图 3）；

模块 350 和 360，配置使用规则，并基于使用者状态、该人的能取得联系的优先级来决定如何对该通讯信息进行操作（相当于“设置过程管理该信息”）的机构（见说明书第[0036]段，附图 3）；

通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第 15-18 行），由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于“以信息基于互联网连接通过一个网站用电子手段来发送”）。

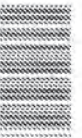
权利要求 1 请求保护的技术方案与对比文件 1 的区别在于：(1) 包含配置用来识别该信息的紧急程度的机构，并基于该信息的紧急程度来设置过程管理该信息；(2) 虽然该过程允许使用者通过该人不知道使用者的联系方式，防止该人不通过网站直接联系使用者，或者使用者不知道该人的联系方式，防止使用者不通过网站直接联系该人。

对于区别技术特征 (1)，对比文件 1 公开了呼叫优先级可以是低、中、普通、高、紧急（见说明书第



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纸质申请，由国务院，100068 北京市海淀区中关村东路 8 号 国家知识产权局专利局受理处
电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件，除另有规定外，以纸质文件形式提交的文件均为非原文。



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34 段), 尽管“低、中、普通、高、紧急”体现的是呼叫优先权, 然而对于本领域技术人员来说, 通讯过程的规则库可以根据用户的需要进行设置, 而呼叫者的通讯类型有急、缓之分, 在对比文件 1 的基础上, 增设用于配置信息的紧急程度的机构, 以便在规则库中设置“信息的紧急程度”, 使得可以基于信息的紧急程度对通讯过程进行管理, 这也是无需付出创造性很容易想到的。

基于区别技术特征(2)可以确定, 权利要求 1 相对于对比文件 1 (实际要解决的技术问题是: 在通讯过程中隐藏使用者或呼叫者的实际联系方式以保护用户隐私, 对比文件 3 (CN1453981A) 公开了一种电话通讯方法及装置, 并具体披露了以下技术特征: 通讯过程中利用了遮蔽通讯服务系统, 当设置以虚拟的遮蔽通讯代码与外界通讯时, 电话用户的原始电话号码即被遮蔽, 拨打电话与外界通讯时, 接收方的来电显示不会显示拨打方的原始电话号码, 以降低拨打方的个人隐私(相当于“使用者不知道该人的联系方式, 以防止使用者不通过遮蔽通讯服务系统直接联系该人”, 参见说明书第 2 页第 18-21 行, 附图 1), 电话用户设置并启动遮蔽通讯服务功能时, 电话用户系开放以遮蔽通讯代码与外界通讯, 仅知遮蔽通讯代码的特定人士, 能够利用电话用户形式上的通讯电话号码, 即遮蔽通讯代码, 与电话用户保持通讯, 以增进电话用户的个人隐私(相当于“该人不知道使用者的联系方式, 防止该人不通过遮蔽通讯服务系统直接联系使用者”, 参见说明书第 4 页倒数第 5 行至第 5 页第 2 行), 且上述技术特征在对比文件 3 和本申请中的作用范围, 均是保护用户的隐私, 即对比文件 3 给出了将上述技术特征应用于对比文件 1 以解决其技术问题之启示。尽管对比文件 3 中的采用的是遮蔽通讯服务系统, 防止拨打方/用户不通过该系统直接联系用户/拨打方, 然而对本领域技术人员来说, 当通讯信息是基于对比文件 1 所公开的通过网站发送时, 将对比文件 3 中的遮蔽通讯服务系统基于网站形式而设置, 或者直接设置于对比文件 1 的网站中, 从而防止拨打方/使用者不通过网站直接联系使用者/该人, 这也是容易想到的。

由此可见, 在对比文件 1 的基础上结合对比文件 3 以及本领域的惯用技术手段以得到该权利要求所请求保护的技术方案, 对于本领域技术人员来说是显而易见的, 因此权利要求 1 不具有突出的实质性特点和显著的进步, 因而不具备创造性。

2. 从属权利要求 2 对权利要求 1 作了进一步的限定, 对比文件 1 还公开了以下特征: 使用者的规则库包括使用者的活动、位置、和时间(相当于“使用者的状态取决于使用者当前的活动或位置”, 参见说明书第[0025]段第 9-11 行), 使用者的状态由使用者的日程表、地址簿、位置等决定, 并且使用者可以临时改变(相当于“使用者的状态由使用者定义”, 参见说明书第[0028]段第 1-8 行), 因而在其引用的权利要求 1 不具备创造性的基础上, 从属权利要求 2 也不具备创造性。

3. 从属权利要求 3 对权利要求 1 或 2 作了进一步的限定, 对比文件 1 还公开了以下技术特征: 规则库 36 由使用者定义(参见说明书第[0021]段第 4-7 行), 规则库 36 中的呼叫者优先级可以是呼叫者优先级或呼叫设备优先级(参见说明书第[0026]段第 1-3 行), 可见“该人的能取得联系的优先级由使用者定义”的技术特征已被对比文件 1 公开, 因而在其引用的权利要求 1 或 2 不具备创造性的基础上, 从属权利要求 3 进一步限定“该人的能取得联系的优先级由使用者定义”时的技术方案也不具备创造性。

此外, 对比文件 2 (US5930700A) 公开了一种通讯管理系统和方法, 并具体披露了以下技术特征: 使用者根据对呼叫者呼叫的答复情况来更新该呼叫者的优先级(参见说明书第 12 栏第 65-67 行, 附图 12B), 因而, “该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”的附加技术特征已被对比文件 2 公开, 且其在权利要求 3 和对比文件 2 中所起作用相同, 均是使系统具有简单的智能记忆功能, 便于使用者的操作, 也就是说对比文件 2 给出了将上述技术特征应用于对比文件 1 以解决其技术问题的启示, 因此, 在对比文件 1 的基础上结合对比文件 2、对比文件 3 以及本领域的惯用技术手段以得到从属权利要求 3 进一步限定“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”时的技术方案, 对于本领域技术人员来说是显而易见的, 因而在其引用的权利要求 1 或 2 不具备创造性的基础上, 从属权利要求 3 进一步限定“该人的能取得联系的优先级取决于使用者对该人以前信息的反应而设置”时的技术方案也不具备突出的实质性特点和显著的进步, 因而不具备创造性。



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经审申请, 册请请者: 100069 北京市海定区藕门桥西北城第 6 号 国家知识产权局
电子申请, 兹将通过电子专利申请系统以电子文件形式提交相关文件, 请务必按规定, 以及本局公布之格式提交的文件提交。



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4. 从属权利要求4对权利要求1至3之一作了进一步的限定, 对比文件1还公开了以下技术特征: 呼叫者利用键盘、声部或其它方式输入数据设置呼叫优先级, 包括低等、中等、正常、高等、紧急(参见说明书第[0034]段第6-7、10-11行); 在此基础上, 结合对权利要求1的评述, 呼叫者的通讯类型有急、缓之分, 信息的紧急程度由呼叫者(即“真人”)设置, 这无需作出创造性劳动。因而, 在其引用的权利要求1至3之一不具备创造性的基础上, 从属权利要求4也不具备创造性。

5. 从属权利要求5对权利要求1至4之一作了进一步的限定, 对比文件1还公开了以下技术特征: 呼叫者10和使用者38均通过各自的通讯设备和通讯网络连接至通讯节点16上(参见说明书第[0014]段第1-5行), 因此可以直接地、毫无疑问地确定使用者如何对该通讯信息进行操作取决于通讯设备和模式(相当于“该过程取决于该信息的通讯模式”), 通讯设备包括移动电话(参见说明书第[0014]段第5行)、办公电话、电子邮件(参见说明书表1); 此外, 家庭电话、PDA中的移动SMS、用移动电话或PDA发的传呼信息、家用/办公室SMS、移动在线聊天、家庭在线聊天、带有/不带有即时提醒的声邮邮件、办公室传真、家庭传真、移动电子邮件等通讯模式均是本领域常用的通讯模式, 采用这些通讯模式进行通信是本领域的惯用技术手段。因此, 在其引用的权利要求1至4之一不具备创造性的基础上, 从属权利要求5也不具备创造性。

6. 从属权利要求6对权利要求1至5之一作了进一步的限定, 对比文件1还公开了以下技术特征: 使用者的通讯设备可以是移动电话、PDA等(相当于“使用者通过一个手持装置接收该信息”, 参见说明书第[0014]段第5-10行), 包含了使用者的状态的规则库可以由使用者设置(参见说明书第[0021]段第13-14行, 第[0026]段第1-4行)。而对本领域技术人员来说, 直接使用该手持装置来设置使用者的状态, 以便于使用者操作, 这是本领域的惯用技术手段, 因而在其引用的权利要求1至5之一不具备创造性的基础上, 从属权利要求6也不具备创造性。

7. 从属权利要求7对权利要求1至6之一作了进一步的限定, 对比文件1公开了以下技术特征: 通讯系统的通讯网络可以是广域网, 例如互联网、万维网或其它在线服务(参见说明书第[0015]段第13-18行), 且由表1可知, 呼叫者可以通过电子邮箱地址来发出呼叫(相当于“该信息基于互联网协议通过一个网站用电子手段来发送”); 对比文件2还公开了以下技术特征: 包含呼叫者优先级的数据库可以存储在使用者的PDA中, PDA还可以与网络数据库308通信, 使网络数据库308中的数据与使用者PDA中的信息自动保持同步(相当于“该人的已定义的能取得联系的优先级存储在网站中, 或存储在处于使用者控制下的私人数据库中”, 参见说明书第5栏第27-38行, 第6栏第21行), 且其在权利要求7和对比文件2中所起作用相同, 均是为用户数据库提供存储空间。即对比文件2给出了将现有技术特征应用于对比文件1以解决其技术问题的启示, 因而其在引用的权利要求1至6之一不具备创造性的基础上, 从属权利要求7也不具备创造性。

8. 从属权利要求8对权利要求1至7之一作了进一步的限定, 对比文件1公开了以下技术特征: 通讯系统的通讯网络可以是广域网, 例如互联网、万维网或其它在线服务(参见说明书第[0015]段第13-18行), 由表1可知, 呼叫者可以通过电子邮箱地址来发出呼叫(相当于“该信息基于互联网协议通过一个网站用电子手段来发送”); 对比文件2还公开了以下技术特征: 包括数据库在内的网络数据库308与使用者PDA中的信息自动保持同步(参见说明书第5栏第27-38行, 第6栏第21行), 数据库提供日历和日历表, 约会日历允许使用者对呼叫者进行具体操作(参见说明书第9栏第26-29行, 附圖9), (相当于“该网站保存使用者的电子日历, 而且, 基于该日历的信息自动设置使用者与他人的约会”), 且其在权利要求8和对比文件2中所起作用相同, 均是为用户数据库提供存储空间, 为电子日历提供存储空间, 并方便使用者与他人进行的约会, 即对比文件2给出了将该技术特征应用于对比文件1以解决其技术问题的启示, 因而其在引用的权利要求1至7之一不具备创造性的基础上, 从属权利要求8也不具备创造性。

9. 从属权利要求9对权利要求1至6之一作了进一步的限定, 对比文件1还公开了以下技术特征: 通讯网络可以是广域网, 例如互联网、万维网或其它在线服务(参见说明书第[0015]段第13-18行), 且由表1可知, 呼叫者可以通过电子邮箱地址来发出呼叫(相当于“该信息基于互联网协议通过一个网站用电子手段来发送”), 因而其在引用的权利要求1至6之一不具备创造性的基础上, 从属权利要求9也不具备创造性。





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10. 从属权利要求 15 对权利要求 14 作了进一步的限定, 对比文件 1 还公开了以下技术特征: 确定呼叫优先级, 呼叫优先级可以是低、中、普通、高、紧急 (参见说明书第 34 段, 附图 3 模块 320), 规则库 36 可由使用者设置 (参见说明书第 [0021] 段第 4-7 行); 基于规则库中的规则, 呼叫优先级、接收者状态, 决定对此呼叫请求采取适当的操作, 如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式 (参见说明书表 1 和附图 3), (相当于“上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系者优先级、接收者的状态, 确定该流入通讯请求的适宜通讯类型”); 此外, 尽管对比文件 1 没有公开基于“该流入通讯请求的紧急等级”, 然而, 对于本领域技术人员来说, 通讯规则可以根据用户的需要进行设定, 呼叫者的通讯类型有急、缓之分, 基于“该流入通讯请求的紧急等级”来确定采取适当通讯类型, 这也是无需付出创造性劳动便容易想到的, 因而在其引用的权利要求 14 不具备创造性的基础上, 从属权利要求 15 也不具备创造性。

11. 从属权利要求 16 对权利要求 10 作了进一步的限定, 对比文件 1 还公开了以下技术特征: 确定呼叫优先级, 呼叫优先级可以是低、中、普通、高、紧急 (参见说明书第 34 段, 附图 3 模块 320), 规则库 36 可由使用者设置 (参见说明书第 [0021] 段第 4-7 行); 基于规则库中的规则, 呼叫优先级, 决定对此呼叫请求采取适当的操作, 如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式 (参见说明书表 1 和附图 3), (相当于“上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系者优先级, 确定该流入通讯请求的适宜通讯类型”); 此外, 尽管对比文件 1 没有公开基于“该流入通讯请求的紧急等级”, 然而, 对于本领域技术人员来说, 通讯规则可以根据用户的需要进行设定, 呼叫者的通讯类型有急、缓之分, 基于“该流入通讯请求的紧急等级”来确定采取适当通讯类型, 这也是无需付出创造性劳动便容易想到的, 因而在其引用的权利要求 10 不具备创造性的基础上, 从属权利要求 16 也不具备创造性。

12. 从属权利要求 24 对权利要求 23 作了进一步的限定, 对比文件 1 还公开了以下技术特征: 规则库包括呼叫优先级、使用者状态等, 基于上述因素中的一个或多个, 根据规则库中的规则决定采取通讯的类型; 相当于“预定通讯处理标准取决于以下因素中的一个或多个, 至少一个可配置的规则, 请求者的能取得联系者优先级, 接收者的状态”, 参见说明书表 1、附图 3); 此外, 尽管对比文件 1 没有公开基于“该流入通讯请求的紧急等级”, 然而, 对于本领域技术人员来说, 通讯规则可以根据用户的需要进行设定, 呼叫者的通讯类型有急、缓之分, 基于“该流入通讯请求的紧急等级”来确定采取适当通讯类型, 这也是无需付出创造性劳动便容易想到的, 因而在其引用的权利要求 23 不具备创造性的基础上, 从属权利要求 24 也不具备创造性。

13. 从属权利要求 25 对权利要求 23 或 24 作了进一步的限定, 对比文件 1 还公开了以下技术特征: 规则库包括呼叫时间、使用者的活动、呼叫优先级、使用者状态、和使用者的位置等, 基于规则库中上述因素中的一个或多个, 根据规则库中的规则决定采取通讯的类型 (相当于“预定通讯处理标准取决于至少一个可配置的规则, 而且其中, 该至少一个可配置的规则利用以下因素中的一个或多个: 该流入通讯请求的时间, 有关接收者当前活动的一条信息, 请求者的能取得联系者优先级, 接收者的状态, 以及接收者的当前位置”, 参见说明书第 [0025] 段第 9-11 行, 表 1、附图 3); 此外, 尽管对比文件 1 没有公开基于“该流入通讯请求的紧急等级”, 然而, 对于本领域技术人员来说, 通讯规则可以根据用户的需要进行设定, 呼叫者的通讯类型有急、缓之分, 基于“该流入通讯请求的紧急等级”来确定采取适当通讯类型, 这也是无需付出创造性劳动便容易想到的, 因而在其引用的权利要求 23 或 24 不具备创造性的基础上, 从属权利要求 25 也不具备创造性。



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案件名称: 发明专利; 100063 北京市海定区中关村科技园上地路 8 号 国家知识产权局专利局受理处
电子申请: 应当通过电子专利申请系统以电子文件形式提交相关文件, 除另有规定外, 以数据电文形式提交的文件视为未提交。

Electronic Patent Application Fee Transmittal

Application Number:	12798995			
Filing Date:	14-Apr-2010			
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION			
First Named Inventor/Applicant Name:	Kwok Wai Cheung			
Filer:	Peter P. Tong/Angela Nijim			
Attorney Docket Number:	IPVMCP02C1			
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:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

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EFS ID:	12264412
Application Number:	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Customer Number:	34071
Filer:	Peter P. Tong/Angela Nijim
Filer Authorized By:	Peter P. Tong
Attorney Docket Number:	IPVMCP02C1
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Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

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Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	IPVMCP02C1-1449-3-12.pdf	19339 c534c326920254bd5c1045191808093001	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
3	Non Patent Literature	IPVMCP02CN-NoticeOfRejection-1-12.pdf	4379217 093321d51a4dc788b08ba11c1074557d7f1b5b7	no	11
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	30755 11a206871a7b16c2e894b90c210042571149ec7	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			4449043		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**INFORMATION DISCLOSURE STATEMENT
AFTER FINAL ACTION OR NOTICE OF ALLOWANCE
(37 CFR §§ 1.56 AND 1.97(d))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of final action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee.

Appln No. 12/798,995

Atty. Docket No. IPVMCP02C1

Accompanying this Information Disclosure Statement is the fee set forth in 37 CFR 1.17(p).

The undersigned hereby states:

that each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application no more than three months prior to the filing of the Information Disclosure Statement, 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 § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Electronic Fee in payment of the Information Disclosure Statement Fee of \$180.00 is provided herewith. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/

Peter P. Tong
Registration No. 35,757

5150 El Camino Real
Building A, Suite 22
Los Altos, CA 94022

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.						
	2.						
	3.						
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	Partial English translation of the Notice of Rejection for CN Patent Application No. 200680027964.9, dated 1/6/12 (10 pgs.)
B	
C	
D	
E	
F	
G	
H	
I	
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Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Electronic Patent Application Fee Transmittal

Application Number:	12798995
Filing Date:	14-Apr-2010
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Filer:	Peter P. Tong/Angela Nijim
Attorney Docket Number:	IPVMCP02C1

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	12335298
Application Number:	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Customer Number:	34071
Filer:	Peter P. Tong/Angela Nijim
Filer Authorized By:	Peter P. Tong
Attorney Docket Number:	IPVMCP02C1
Receipt Date:	19-MAR-2012
Filing Date:	14-APR-2010
Time Stamp:	14:46:06
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$180
RAM confirmation Number	1131
Deposit Account	503874
Authorized User	TONG,PETER P

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 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	IPVMCP02C1-SupplDSTrans3-12.pdf	20475 <small>608288e2d86ad799c515a620153049a0e 462c</small>	no	2
Warnings:					
Information:					
2	Non Patent Literature	IPVMCP02CN-EnglishTranslationofRejectionDecision.pdf	109251 <small>d97882e90bdec2217708d9c1521574d1c1 578a</small>	no	10
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Form (SB08)	IPVMCP02C1-Supp1449-3-12.pdf	19419 <small>8d470f8a306a23061e678f70aa71455602d 5b97</small>	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
4	Fee Worksheet (SB06)	fee-info.pdf	30757 <small>c210808c190809e02e2522f61e932b09820 9190</small>	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			179902		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
AFTER FINAL ACTION OR NOTICE OF ALLOWANCE
(37 CFR §§ 1.56 AND 1.97(d))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants previously submitted an Information Disclosure Statement on March 9, 2012, listing a Non-Patent Literature. Around the same time of the submission, Applicants received a partial English translation of the Non-Patent Literature from our Foreign Associate. Applicants hereby submit the partial English translation of the Non-Patent Literature. The reference listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of final action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee.

Accompanying this Information Disclosure Statement is the fee set forth in 37 CFR 1.17(p).

The undersigned hereby states:

that each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application no more than three months prior to the filing of the Information Disclosure Statement, 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 § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Electronic Fee in payment of the Information Disclosure Statement Fee of \$180.00 is provided herewith. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/
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5150 El Camino Real
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Los Altos, CA 94022

The Text of Rejection Decision (PCT)

AN:2006800279649

This rejection decision relates to the international application PCT/US2006/022015 which was filed on 7 June 2006 by IPVENTURE INC and entered the national phase on 29 January 2008, and the title of invention is "Systems and processes to manage multiple modes of communication".

Part One: History

The application for patent, submitted by the applicant when entering the national phase, includes claims, a description and its abstract, and drawings. The claims include 4 independent claims and 29 dependent claims.

According to the request by the applicant on 13 May 2008, the examiner has made substantive examination, and issued the First Office Action on 26 March 2010. In the First Office Action, the examiner refers to the following citations:

D1: US2003/0041048A1 27 February 2003

D2: US5930700A 27 July 1999

and indicates that claims 1-5, 10-19 and 21-28 are not novel in the sense of Paragraph 2 of Article 22 of the Patent Law, and claims 3-10, 18, 20-22 and 29-33 are not inventive in the sense of Paragraph 3 of Article 22 of the Patent Law.

The applicant filed the Response to the First Office Action on 26 July 2010 with observations and replacement documents, in which:

- (1) the additional technical feature of the initial claim 7 is added to the initial claims 1, 11, 23 to get the new claims 1, 10, 22, and adaptive changes are made to the new claims 10, 22;
- (2) the reasons why the current claims 1-32 are novel and inventive are stated.

After continuous examination, the examiner issued the Second Office Action on 25 October 2010. In the Second Office Action, the examiner refers to the following citation:

D3: CN1453981A 5 November 2003

and indicates that claims 1-32 are not inventive in the sense of Paragraph 3 of Article 22 of the Patent Law.

The applicant filed the Response to the Second Office Action on 10 January 2011 with observations, in which:

- (1) the reasons why the current claims 1-32 are novel and inventive are stated;
- (2) no change is modified to the application for patent.

After continuous examination, the examiner issued the Third Office Action on 8 April 2011. In the Third Office Action, the examiner indicates that claims 1-32 are not inventive in the sense of the requirement of Article 22.3 of the Patent Law referring to the same citations of the Second Office Action.

The applicant filed the Response to the Third Office Action on 31 May 2011 with observations, in which:

- (1) the reasons why the current claims 1-32 are novel and inventive are stated;

(2) no change is modified to the application for patent.

The said reasons including:

(1) The citation 3 does not disclose “though the user can receive the message, the calling person is not aware of the contact information of the user to prevent the caller from directly sending messages to the user without going through the web-based portal, or the user is not aware of the contact information of the caller to prevent the user from directly sending messages to the caller without going through the web-based portal”. The temporary phone number in CN1238636A, the technology hiding the identity in GB2391750A, and the prior technology of call forwarding are different from blocking the contact information of the application for patent;

(2) The citation 1 does not disclose “mechanism configured to identify the urgency of the message”.

Upon examination, the examiner concludes that the fact of the present application is clear. Thus, the application with the claims 1-32 submitted on 26 July 2010, the description of paragraphs 1-44, figs. 1-5, and the abstract submitted on 29 January 2008 is rejected.

Part Two: Rejection Reasons

I. Claims 10-14,17-23,26-32 are contrary to the requirement of Inventive Steps under Article 22.3 of the Patent Law.

1、 The independent claim 10 is to protect a computer-implemented method for managing incoming communication for a recipient based on the website portal. Citation 1 (US2003/0041048A1) discloses a computer-implemented method and system for communication management,which is based on the web portal (with reference to paragraph [0015] of the description),wherein (with reference to lines 10-11 of paragraph [0034] of the description, table 1,and figure 3) in particular discloses the following technical features: the method includes:

the caller calls the user;the caller using a keypad, by voice or other data input, may set the call priority (corresponding to “receiving an incoming communication request of a first communication type from a requestor”,with reference to lines 10-11 of paragraph [0034] of the description);

determining the call priority by visiting the rules database defined by the user,which includes a caller identity,a call priority,a subscriber status, and a subscriber location (corresponding to “determining an access priority for the requestor based on information provided by the recipient”,with reference to lines 4-7 of paragraph [0021], lines 1-4 of paragraph [0026]of the description,and figure 3);

determining the appropriate operation for the call request according to the rules and the call priority included in the rules database,the appropriate operation may be regular voice mail, customized voice mail,automatic page to subscriber,or other communication methods(corresponding to “determining an appropriate communication type for the incoming

communication request based on one or more configurable rules and the access priority for the requestor”,with reference to table 1 of the description,and figure 3).

The distinguishing technical feature between claim 10 and citation 1 is: Though

the user can receive the message, the caller is not aware of the contact information of the user to prevent the caller from directly sending messages to the user without going through the web-based portal,

and/or

Though the user can receive the message, the user is not aware of the contact information of the caller to prevent the user from directly sending messages to the caller without going through the web-based portal.

Based on the distinguishing technical feature, we can determine that the technical problem to be solved by claim 10 over citation 1 is to protect the user privacy by hiding the actual contact method in the communication.

Citation 3 (CN1453981A) discloses a method and apparatus for telephone communication ,wherein in particular discloses the following technical features:

The shielding communication service system is used in the process of communication. When set to communicate with the outside by the virtual number,the original telephone number of the telephone user is shielded when the user dials a number of the outside,and the original telephone number isn't displayed in the called party even if the called party has the call screening function,protecting the privacy of the caller (corresponding to "Though the receiver can receive the message, the receiver is not aware of the contact information of the caller to prevent the receiver from directly sending messages to the caller without going through the shielding communication service",with reference to lines 18-21 of page 2 of the description,and figure 1);When the telephone user enables the shielding communication service function,the telephone user communicates with the outside in the shielding communication code,and only the particular persons who know the shielding communication code can use the shielding communication code ,the formal number of the telephone user,to keep communication with the telephone user,enhancing the protecting of the privacy of the telephone user(corresponding to "Though the user can receive the message, the caller is not aware of the contact information of the user to prevent the caller from directly sending messages to the user without going through the shielding communication service, with reference to line 5 from the bottom of page 4-line 2 of page 5 of the description).

The said technical feature takes the same effect in citation 3 as in the application:to protect the privacy of the user.Citation 3 indicates that the said technical feature can be applied to citation 1 to solve its technical problem.Tough citation 3 uses the sheilding communication service system to prevent the caller/the user contacting with the user/the caller without going through the sheilding communication service system,it's easy for those skilled in the art to think of applying the sheilding communication service system to the web portal of citation 1 to prevent the caller/the recipient contacting with the recipient/the caller without going through the sheilding communication service system when the communication is based on the web portal of citation 1. Therefore, it's obvious for a person skilled in the art to get claim 10 by combining citation 3 and customary means in the art with citation 1.Claim 10 does not have the prominent substantive feature and notable progress, and is not inventive under Article 22.3 of the Patent Law.

2、 Claims 11 depends on claim 10, and citation 1 also discloses the following technical feature:

the rules database 36 includes a caller identity, a call priority, a subscriber status, and a subscriber location (with reference to lines 1-4 of paragraph [0026] of the description);

according to fig. 1, the rules database 36 connects with the communication network 18 via the communication node 16, and the subscriber 38 sets the rules database via the communication network 18 (with reference to lines 4-7 of paragraph [0021] of the description);

the communication networks can also include a wide area network, such as, for example, the Internet, the World Wide Web or any other similar on-line service (with reference to lines 15-18 of paragraph [0015] of the description), (corresponding to "the one or more configurable rules and/or the information are configured by the recipient through interaction with a website").

Therefore, when the recited claim 10 is not inventive, claim 11 is also not inventive .

3. Claim 12 depends on claim 10, and citation 1 also discloses the following technical feature: the rules database 36 includes a caller identity, a call priority, a subscriber status, and a subscriber location (with reference to lines 1-4 of paragraph [0026] of the description);

the rules database 36 can be set by the subscriber 38 (with reference to lines 4-7 of paragraph [0021] of the description), (corresponding to "the one or more configurable rules and/or the information are stored in a database");

Therefore, when the recited claim 10 are not inventive, claim 12 are also not inventive .

4. Claim 13 depends on claim 10, and citation 1 also discloses the following technical feature: when the caller communicates via a IP address or a telephone number, the communication methods the subscriber can chosed can be regular voicemail and pager information (corresponding to "the appropriate communication type is of a type different from the first communication type ", with reference to lines 2 of table 1 of the description);

Therefore, when the recited claim 10 is not inventive, claim 13 is also not inventive .

5. Claim 14 depends on claim 10, and citation 1 also discloses the following technical feature:

determine subscriber status (with reference to block 340 of fig. 3);

the rules database 36 can be set by the subscriber (with reference to lines 4-7 of paragraph [0021] of the description);

determine the appropriate operation for the call request according to the rules, the call priority and subscriber status included in the rules database, the appropriate operation may be regular voice mail, customized voicemail, automatic page to subscriber, or other communication methods (corresponding to "determining a status of the recipient, and wherein said determining operations to determine the appropriate communication type for the incoming communication request based on one or more configurable rules , the access priority for the requestor, and the status of the recipient", with reference to table 1 of the description, and figure 3).

Therefore, when the recited claim 10 is not inventive, claim 14 is also not inventive .

6. Claim 17 depends on claim 10, the additional technical feature is “the appropriate communication type is chosen from a plurality of communication types including”,and citation 1 also discloses the following technical feature:

the communication devices used by the caller 10 and the subscriber 38 can include wire-line telephones,mobile telephones,PDA,web telephones,facsimile devices,or any other suitable communication devices(with reference to lines 5-15 of paragraph [0014] of the description);

the appropriate communication methods used for the call request by the subscriber includes pager information sent from mobile phones,email,and etc(with reference to lines 1-6 of paragraph [0037] of the description).

In addition,calls made by mobile phones,calls made by office phones,calls made by family phones,SMS sent from mobile phones, SMS sent from PDAs,pager information from PDAs,chatting on line,voicemail with or without instant prompt,office fax,family fax,and other communication types are also customary means in th art.

Therefore, when the recited claim 10 is not inventive, claim 17 is also not inventive .

7. Claim 18 depends on claim 10,and citation 1 also discloses the following technical feature:

determine subscriber status(with reference to block 340 of fig.3);

the rules database 36 can be set by the subscriber (with reference to lines 4-7 of paragraph [0021] of the description);

determine the appropriate operation for the call request according to the rules in the rules database,and the follwing one or more factors:call time,caller status and caller location;the appropriate operation may be regular voicemail, customized voicemail,automatic page to subscriber (with reference to table 1 of the description,and figure 3,corresponding to “determining a status of the recipient,and wherein said determining operations to determine the appropriate communication type for the incoming communication request based on the one or more configurable rules and based on one or more of the following factors:the time of the incoming communication request,a piece of information regarding the current activity of the recipient and the current location of the recipient”).

Therefore, when the recited claim 10 is not inventive, claim 18 is also not inventive .

8. Claim 19 depends on claim 10,and citation 2(US5930700A) discloses a method and system for communication management,wherein in particular discloses the following technical features:

the caller priority may be updated based on the response to the call request from the caller(with reference to lines 65-67 of column 12 of the description,and figure 12B);

from the comment on claim 10 we know determining the appropriate communication type for the call request according to the caller priority,so for the next call request the same communication type as the previous can be determined based on the updated caller priority (corresponding to “said determining of the appropriate

communication type learns to more intelligently identify the appropriate communication type”), which has the same effect in claim 19 as citation 2: enabling the system to have the simple intelligent memory and learning function to facilitate the user operation.

In another word, Citation 2 indicates that the said technical feature can be applied to citation 1 to solve its technical problem. Therefore, it's obvious for a person skilled in the art to get claim 19 by combining citation 2, citation 3 and customary means in the art with citation 1. Claim 19 does not have the prominent substantive feature and notable progress, and is not inventive under Article 22.3 of the Patent Law.

9、 Claim 20 depends on claim 10, and citation 1 also discloses the following technical feature:

a caller with an unknown identity will be presented with a regular voicemail regardless of a priority of the call, the time of call, the subscriber location and so on (corresponding to “said determining the appropriate communication type comprises filtering the incoming communication request”, with reference to lines 1-4 of paragraph [0030], and table 1 of the description);

the rules database 36 can be set by the subscriber (with reference to lines 4-7 of paragraph [0021] of the description);

determine the appropriate operation for the call request according to the rules and call priority in the rules database, and the appropriate operation may be voicemail, page to subscriber, and etc (corresponding to “the incoming communication request can be redirected to another less intrusive communication type based on the one or more configurable rules the access priority for the requestor”, with reference to table 1 of the description, and figure 3);

In addition, it's a customary means in the art that the system also can deny the communication request from the unsafe or the blacklisted caller to improve the safety of the method of the communication management.

Therefore, when the recited claim 10 is not inventive, claim 20 is also not inventive.

10、 Claim 21 depends on claims 10-20, and citation 1 also discloses the following technical feature:

the communication type defined by the rules database 36 can be voicemail, forwarding of the call to an administrative assistant, forwarding of the call to an alternate phone device, forwarding of the call to a wireless information device, or forwarding of the call to a personal assistant that can dispatch it in the instant message to the subscriber (corresponding to “diverting the incoming communication request for the first communication type to a communication session of the appropriate communication type”, with reference to lines 2-12 of paragraph [0029] of the description).

Therefore, when the recited claims 10-20 are not inventive, claim 21 is also not inventive.

11、 The independent claim 22 is to protect a computer-implemented method for managing incoming communication for a recipient. Citation 1 (US2003/0041048A1) discloses a computer-implemented method and system for communication management, which is based on the web portal (with reference to paragraph [0015] of the description), wherein (with reference to lines 2-12 of paragraph [0029], lines 10-11 of paragraph [0034] of the description, table 1, and figure 3) in particular discloses the

following technical features: the method includes:

(a) the caller calls the user; the caller using a keypad, by voice or other data input, may set the call priority (corresponding to "receiving an incoming communication request directed at the recipient", with reference to lines 10-11 of paragraph [0034] of the description);

(b) determining the caller identity, the call priority, the subscriber status, the subscriber location, and etc., and determining the operation for the call request by visiting the rules database (corresponding to "determining predetermined communication processing criteria for use in processing directed at the recipient, in view of the incoming communication requests", with reference to block 350 of figure 3);

(c) based on the rules in the rules database, determining the communication type to be used, which can be, for example, voicemail, forwarding of the call to an administrative assistant, forwarding of the call to an alternate phone device, forwarding of the call to a wireless information device, or forwarding of the call to a personal assistant that can dispatch it in the instant message to the subscriber (corresponding to "determining whether and how to divert the incoming communication request to a specific communication mode among a plurality of communication modes based on the predetermined communication processing criteria", with reference to lines 2-12 of paragraph [0029] of the description, block 360 of figure 3).

(d) execute the communication type determined above (corresponding to "automatically diverting the incoming communication request to the specific communication mode if so determined", with reference to block 370 of figure 3).

The distinguishing technical feature between claim 22 and citation 1 is: Though the user can receive the message, the caller is not aware of the contact information of the user to prevent the caller from directly sending messages to the user without going through the web-based portal,
and/or

Though the user can receive the message, the user is not aware of the contact information of the caller to prevent the user from directly sending messages to the caller without going through the web-based portal.

Based on the distinguishing technical feature, we can determine that the technical problem to be solved by claim 22 over citation 1 is to protect the user privacy by hiding the actual contact method in the communication.

Citation 3 (CNI453981A) discloses a method and apparatus for telephone communication, wherein in particular discloses the following technical features:

The shielding communication service system is used in the process of communication. When set to communicate with the outside by the virtual number, the original telephone number of the telephone user is shielded when the user dials a number of the outside, and the original telephone number isn't displayed in the called party even if the called party has the call screening function, protecting the privacy of the caller (corresponding to "Though the receiver can receive the message, the receiver is not aware of the contact information of the caller to prevent the receiver from directly sending messages to the caller without going through the shielding communication service", with reference to lines 18-21 of page 2 of the description, and figure 1); When the telephone user enables the shielding communication service

function, the telephone user communicates with the outside in the shielding communication code, and only the particular persons who know the shielding communication code can use the shielding communication code, the formal number of the telephone user, to keep communication with the telephone user, enhancing the protecting of the privacy of the telephone user (corresponding to "Though the user can receive the message, the caller is not aware of the contact information of the user to prevent the caller from directly sending messages to the user without going through the shielding communication service, with reference to line 5 from the bottom of page 4-line 2 of page 5 of the description).

The said technical feature takes the same effect in citation 3 as in the application: to protect the privacy of the user. So citation 3 indicates that the said technical feature can be applied to citation 1 to solve its technical problem. Though citation 3 uses the shielding communication service system to prevent the caller/the user contacting with the user/the caller without going through the shielding communication service system, it's easy for those skilled in the art to think of applying the shielding communication service system to the web portal of citation 1 to prevent the caller/the recipient contacting with the recipient/the caller without going through the shielding communication service system when the communication is based on the web portal of citation 1. Therefore, it's obvious for a person skilled in the art to get claim 22 by combining citation 3 and customary means in the art with citation 1. Claim 22 does not have the prominent substantive feature and notable progress, and is not inventive under Article 22.3 of the Patent Law.

12. Claim 23 depends on claim 22, and citation 1 also discloses the following technical feature: the rules database 36 includes a caller identity, a call priority, a subscriber status, and a subscriber location (with reference to lines 1-4 of paragraph [0026] of the description);

the rules database 36 can be set by the subscriber (corresponding to "at least one attribute of the communication processing criteria is decided by the recipient", with reference to lines 4-7 of paragraph [0021] of the description);

the communication type to be used can be forwarding of the call to an administrative assistant, forwarding of the call to an alternate phone device, forwarding of the call to a wireless information device, or forwarding of the call to a personal assistant that can dispatch it in the instant message to the subscriber (corresponding to "the plurality of communication modes include at least three communication modes", with reference to lines 2-12 of paragraph [0029] of the description).

Therefore, when the recited claim 22 is not inventive, claim 23 is also not inventive.

13. Claim 26 depends on claim 23, and citation 1 also discloses the following technical feature:

In block 340, the subscriber priority is determined according to the schedule, time, and location information of the subscriber, and then the communication type to be used is determined (corresponding to "the predetermined communication processing criteria depend on a priority indication of the recipient", with reference to lines 7-19 of paragraph [0035] of the description).

Therefore, when the recited claim 23 is not inventive, claim 26 is also not inventive.

14. Claim 27 depends on claim 23 or 26, and citation 1 also discloses the following technical feature:

according to fig. 1, the communication request from the caller 10 is delivered to the subscriber 38 via the communication network 14, the rules database 36 connects with the communication network 18 via the communication node 16, the rules database 36 includes a caller identity, a call priority, a subscriber status, and a subscriber location (with reference to lines 1-4 of paragraph [0026] of the description);

the subscriber 38 can set the rules database via the communication network 18 (with reference to lines 4-7 of paragraph [0021] of the description).

(corresponding to "the incoming communication request can be via a data network, and wherein at least one attribute of the communication processing criteria is set by the recipient through interaction with a website").

Therefore, when the recited claim 23, 26 are not inventive, claim 27 is also not inventive.

15. Claim 28 depends on claim 23, 26, or 27, and citation 1 also discloses the following technical feature:

the communication devices used by the subscriber can be wire-line telephones, mobile telephones, and etc (corresponding to "the incoming communication request can be received by the recipient through a phone", with reference to lines 5-7 of paragraph [0014] of the description);

the rules database, including the call priority, the subscriber status, and other parameters, can be set by the subscriber (corresponding to "at least one attribute of the communication processing criteria is set by the recipient", with reference to lines 13-14 of paragraph [0021], lines 1-4 of paragraph [0026] of the description).

In addition, it is easy for a person skilled in the art to think of using the phone of the subscriber himself to set parameters in the rules database, which is a customary means in the art.

Therefore, when the recited claims 23, 26 and 27 are not inventive, claim 28 is also not inventive.

16. The independent claim 29 is to protect a computer-implemented method for managing incoming communication for a recipient. Citation 1 (US2003/0041048A1) discloses a computer-implemented method and system for communication management, wherein (with reference to lines 2-12 of paragraph [0029], lines 10-11 of paragraph [0034] of the description, table 1, and figure 3) in particular discloses the following technical features: the method includes:

(a) the caller calls the user; the caller using a keypad, by voice or other data input, may set the call priority (corresponding to "receiving an incoming communication request from a requestor", with reference to lines 10-11 of paragraph [0034] of the description);

(b) determining the caller identity, the call priority, the subscriber status, the subscriber location, and etc, and determining the operation for the call request by visiting the rules database (corresponding to "determining predetermined communication processing criteria for use in processing directed at the recipient, in view of the incoming

communication request”,with reference to block 350 of figure 3);

(c) the rules database includes the call time,activity of the subscriber,the call priority, the subscriber status, the subscriber location,and etc;based on one or more above factors in the rules database and the rules in the rules database,determining the communication type to be used ,which can be,for example, voicemail ,forwarding of the call to an administrative assistant, forwarding of the call to an alternate phone device, forwarding of the call to a wireless information device,or forwarding of the call to an personal assistant that can dispatch it in the instant message to the subscriber (corresponding to”automatically directing the incoming communication request to an address of the recipient,based on one or more of the predetermined communication processing criteria”,”the requestor has established communication with the recipient through the address of the recipient”, with reference to lines 9-11 of paragraph [0025] , lines 2-12 of paragraph [0029]of the description, figure 3).

The distinguishing technical feature between claim 29 and citation 1 is: the requestor does not have to know or be provided with the address of the recipient.

For those skilled in the art, when the incoming communication request such as the incoming call is forwarded to the alternative number of the subscriber,in order to protect the privacy of the subscriber,the caller does not have to know the alternate phone number ,which can also be set by the subscriber ,is a customary means. Therefore, it’s obvious for a person skilled in the art to get claim 29 by combining customary means in the art with citation 1.Claim 29 does not have the prominent substantive feature and notable progress, and is not inventive under Article 22.3 of the Patent Law.

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II. Regarding to the response submitted on 31 May 2011.

Part Three: Conclusions

As statement above, the application is not inventive in the sense of Paragraph 3 of Article 22 of the Patent Law, belongs to the situation under Rule 53.2 of the Implementing Regulations of the Patent Law, and is rejected according to Article 38 of the Patent Law.

According to Article 41 of the Chinese Patent Law, the applicant may request re-examination to the Re-examination Board within 3 months from the receipt of this notification if does not agree with the rejection decision.

Part Four: Others

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.						
	2.						
	3.						
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	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

/K.D./	A	Notice of Rejection for CN Patent Application No. 200680027964.9, dated 1/6/12 (11 pgs.)
	B	
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Examiner	/Klet Doan/	Date Considered	03/23/2012
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1	3193
34071	7590	03/30/2012	EXAMINER	
IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022			DOAN, KIET M	
			ART UNIT	PAPER NUMBER
			2617	
			MAIL DATE	DELIVERY MODE
			03/30/2012	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.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
12/798,995	14 April, 2010	CHEUNG ET AL.	IPVMCP02C1

IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022	EXAMINER	
	KIET DOAN	
	ART UNIT	PAPER
	2617	20120323

DATE MAILED:

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Commissioner for Patents

Information Disclosure Statement	
The information disclosure statement (IDS) submitted on 03/09/2012 and 03/19/2012. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.	
	/Kiet Doan/ Primary Examiner, Art Unit 2617

PTO-90C (Rev.04-03)

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
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Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

/K.D./	A	Partial English translation of the Notice of Rejection for CN Patent Application No. 200680027964.9, dated 1/6/12 (10 pgs.)
	B	
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	G	
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	I	
	J	

Examiner	/Kiet Doan/	Date Considered	03/23/2012
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**REQUEST FOR CONTINUED EXAMINATION (RCE)
(37 CFR §1.114)**

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This is a Request for Continued Examination (RCE) of the above-identified application.

1. Submission required under 37 C.F.R. §1.114:

- a. Previously submitted
 - i. Consider the amendment/reply under 37 C.F.R. §1.116 previously filed on _____. *(Any unentered amendment referred to above will be entered.)*
 - ii. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____.
 - iii. Other _____.

- b. Enclosed
 - i. Amendment/Reply
 - ii. Affidavit/Declaration
 - iii. Information Disclosure Statement with Form PTO-1449
 Copies of IDS Citations
 - iv. Other _____.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT C TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	48	MINUS	20	28	x 30 =	x 60 =
Independent Claims	4	MINUS	4	00	x 125 =	x 250 =
Multiple Dependent Claim Present and Fee Not Previously Paid					\$	\$
Total					\$840.00	\$

- Applicant(s) hereby petition for a _____ - month extension(s) of time to respond to the aforementioned Office Action.
- Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
- Any fees due are being paid electronically herewith.
- Please charge any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/
Peter P. Tong
Reg. No. 35,757

Appln. No. 12/798,995

Atty. Docket No. IPVMCP02C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT C

Mail Stop _____
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Allowance dated January 3, 2012, please amend the above-identified patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments are on page 13 of this paper.

Amendments to the Claims:

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

Listing of Claims:

1. (Previously presented) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the method comprising:
 - receiving, by the server, the message from the first device;
 - identifying, by the server, the identity of the person; and
 - setting, by the server, a process for the message using one or more rules based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,
 - wherein the server is aware of contact information of the person,
 - wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,
 - wherein the server can be restricted from accessing the status of the user from the second device, and
 - wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

2. (Cancelled)

3. (Previously presented) The non-transitory computer-implemented method as recited in claim 1, wherein the access priority of the person is allowed to be set by the user.

4. (Previously presented) The non-transitory computer-implemented method as recited in claim 1, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

5. (Previously presented) The non-transitory computer-implemented method as recited in claim 1,

wherein the method depends on the mode of communication of the message, and

wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

6. (Cancelled)

7. (Cancelled)

8. (Previously presented) The non-transitory computer-implemented method as recited in claim 4, wherein the server can be restricted from accessing the access priority of the person from the second device.

9. (Previously presented) The non-transitory computer-implemented method as recited in claim 1,

wherein the server keeps an electronic calendar of the user, and

wherein an appointment is automatically set by the server for the user with the person in view of information in the calendar.

10-20. (Cancelled)

21. (Currently amended) A server based on a communication protocol for managing the communication of a user, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, the server comprising:

at least one computing device; and

at least one storage device,

wherein the at least one computing device is configured to

receive the message from the first device;

identify the identity of the person; and

set a process for the message using one or more rules based on at least

a status of the user previously captured and stored at the second device, and an

access priority of the person also stored at the second device, the status

depending at least in part on the current activity or location of the user, or the

current time, and the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

wherein the server can be restricted from accessing the status of the user from the second device,

~~wherein the status of the user to help set the process depends at least in part on the current activity or location of the user, or the current time, and~~

wherein the server can be restricted from accessing the access priority of the person from the second device.

22. (Previously presented) A server as recited in claim 21, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

23. (Cancelled)

24. (Original) A server as recited in claim 21, wherein the process for the message also depends the mode of communication of the message, and wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

25. (Original) A server as recited in claim 21, wherein the server is configured to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

26. (Currently amended) A non-transitory computer readable medium including at least executable computer program code tangibly stored therein for manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, said computer readable medium comprising:

computer program code for receiving, by the server, the message from the first device;

computer program code for identifying the identity of the person; and

computer program code for setting a process for the message using one or more rules based on at least a status of the user previously captured and stored at the second device, and an access priority of the person also stored at the second device,

the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the computer program code does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the computer program code also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

wherein the server can be restricted from accessing the status of the user from the second device,

~~wherein the status of the user to help set the process depends at least in part on the current activity or location of the user, or the current time, and~~

wherein the server can be restricted from accessing the access priority of the person from the second device.

27. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

28. (Cancelled)

29. (Original) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends the mode of communication of the message, and

wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

30. (Original) A non-transitory computer readable medium as recited in claim 26, wherein said computer readable medium further comprises computer program code to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

31. (Previously presented) A server as recited in claim 21, wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

32. (Previously presented) A server as recited in claim 21, wherein the at least one computing device is configured to ask the user regarding changing the access priority of the person in view of at least a user's reaction towards a prior message from the person, and to change the access priority of the person if so instructed by the response of the user.

33. (Previously presented) A server as recited in claim 21, wherein the status of the user is allowed to be selected by the user from a plurality of preset statuses.

34. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

35. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the computer readable medium further comprises:

computer program code for permitting the user to change the access priority of the person; and

computer program code for changing the access priority of the person if so instructed by the user.

36. (Currently amended) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of

a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, the method comprising:

receiving, by the server, the message from the first device;

identifying the identity of the person that is attempting to send the message to the user; and

setting a process regarding delivering the message to the user using one or more rules based on at least a status of the user previously captured and stored at the second device, and an access priority of the person also stored at the second device, the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the message is delivered to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without using the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without using the server,

wherein the server can be restricted from accessing the status of the user from the second device,

~~wherein the status of the user to help set the process depends at least in part on the current activity or location of the user, or the current time, and~~

wherein the server can be restricted from accessing the access priority of the person from the second device.

37. (New) A non-transitory computer-implemented method as recited in claim 36, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

38. (New) A non-transitory computer-implemented method as recited in claim 36, wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

39. (New) A non-transitory computer-implemented method as recited in claim 36, wherein the method further comprises asking the user regarding changing the access priority of the person in view of at least a user's reaction towards a prior message from the person, and to change the access priority of the person if so instructed by the response of the user.

40. (New) A non-transitory computer-implemented method as recited in claim 36, wherein the status of the user is allowed to be selected by the user from a plurality of preset statuses, and wherein the method further comprises providing the identity of the person to the user.

41. (New) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes not delivering the message to the user in view of an attribute regarding the message.

42. (New) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

43. (New) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes sending a text message regarding the message to the user.

44. (New) A non-transitory computer-implemented method as recited in claim 40, wherein the message is a text message.

45. (New) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes responding to the message by retrieving an electronic mail to send to the person in view of an attribute regarding the message.
46. (New) A non-transitory computer-implemented method as recited in claim 40, wherein the method further comprises asking the user regarding the access priority of the person, and setting the access priority of the person in view of a response from the user.
47. (New) A non-transitory computer-implemented method as recited in claim 40, wherein the message can be voice or text, and wherein the communication protocol is the Internet protocol.
48. (New) A non-transitory computer-implemented method as recited in claim 36, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.
49. (New) A server as recited in claim 21, wherein the at least one computing device is further configured to provide the identity of the person to the user, wherein the process includes
- (i) determining whether the message should be delivered to the user based on at least one attribute of the message;
 - (ii) delivering the message to the user if it is determined that the message should be delivered; and
 - (iii) declining to deliver the message to the user if it is determined that the message should not be delivered.
50. (New) A server as recited in claim 33, wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

51. (New) A server as recited in claim 33, wherein the process includes sending a text message regarding the message to the user.
52. (New) A server as recited in claim 49, wherein the message is a text message.
53. (New) A server as recited in claim 33, wherein the process includes responding to the message by retrieving an electronic mail to send to the person in view of an attribute regarding the message.
54. (New) A server as recited in claim 49, wherein the at least one computing device is further configured to ask the user regarding the access priority of the person, and set the access priority of the person in view of a response from the user.
55. (New) A server as recited in claim 33,
wherein the message can be voice or text, and
wherein the communication protocol is the Internet protocol.
56. (New) A server as recited in claim 21, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.
57. (New) A non-transitory computer readable medium as recited in claim 26,
wherein the computer readable medium further comprises computer program code to provide the identity of the person to the user,
wherein the process includes not delivering the message to the user in view of an attribute regarding the message, and
wherein the status of the user is allowed to be selected by the user from a plurality of preset statuses.
58. (New) A non-transitory computer readable medium as recited in claim 57,
wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

59. (New) A non-transitory computer readable medium as recited in claim 26, wherein the process includes sending a text message regarding the message to the user.

60. (New) A non-transitory computer readable medium as recited in claim 26, wherein the message is a text message.

61. (New) A non-transitory computer readable medium as recited in claim 26, wherein the process includes responding to the message by retrieving an electronic mail to send to the person in view of an attribute regarding the message.

62. (New) A non-transitory computer readable medium as recited in claim 57, wherein the computer readable medium further comprises computer program code to ask the user regarding the access priority of the person, and set the access priority of the person in view of a response from the user.

63. (New) A non-transitory computer readable medium as recited in claim 57, wherein the message can be voice or text, and wherein the communication protocol is the Internet protocol.

64. (New) A non-transitory computer readable medium as recited in claim 26, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.

REMARKS

Applicants acknowledge with gratitude the allowance of the previously-presented claims 1, 3-5, 8, 9, 21, 22, 24-27, and 29-36. By this amendment, Applicants have amended claims 21, 26, and 36 to further clarify the subject matter regarded as the invention; and have added claims 37-64. Accordingly, claims 1, 3-5, 8, 9, 21, 22, 24-27, and 29-64 remain pending.

All the pending claims should be in condition for allowance. Reconsideration of the application and an early Notice of Allowance are earnestly solicited.

In the event that the Examiner, upon reconsideration, determines that an action other than an allowance is appropriate, the Examiner is requested and authorized to telephone Applicants' representative below prior to taking such action, if the Examiner feels that such a telephone call will advance the prosecution of the present application.

Respectfully submitted,

5150 El Camino Real
Building A, Suite 22
Los Altos, CA 94022
(650) 903-9200 ext 102

By: /Peter P. Tong/
Peter P. Tong
Registration No.: 35,757

Electronic Patent Application Fee Transmittal

Application Number:	12798995
Filing Date:	14-Apr-2010
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Filer:	Peter P. Tong/Angela Nijim
Attorney Docket Number:	IPVMCP02C1

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	28	30	840

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	2801	1	-465	-465
Total in USD (\$)				1305

Electronic Acknowledgement Receipt

EFS ID:	12444412
Application Number:	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Customer Number:	34071
Filer:	Peter P. Tong
Filer Authorized By:	
Attorney Docket Number:	IPVMCP02C1
Receipt Date:	03-APR-2012
Filing Date:	14-APR-2010
Time Stamp:	12:29:44
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1305
RAM confirmation Number	9474
Deposit Account	503874
Authorized User	TONG,PETER P

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	Request for Continued Examination (RCE)	IPVMCP02C1-RCE-4-12.pdf	28969 <small>fb8e0f60ba727c1954e62a2ca5a62550a18192</small>	no	2
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
2	Miscellaneous Incoming Letter	IPVMCP02C1-AmdCTrans-4-12.pdf	17285 <small>ba89001ab6cda017118e0e2d2c00801192</small>	no	1
Warnings:					
Information:					
3	Amendment Submitted/Entered with Filing of CPA/RCE	IPVMCP02C1-AmdC-asfiled-4-12.pdf	55468 <small>cd25fb419140c11d870100601e010731010290</small>	no	13
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	32389 <small>c7d09331010122b01b9e2c9e91b54110a017b30</small>	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			134111		

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.

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 12/798,995		Filing Date 04/14/2010		<input type="checkbox"/> To be Mailed			
APPLICATION AS FILED – PART I					(Column 1)		(Column 2)		SMALL ENTITY <input checked="" type="checkbox"/> OR OTHER THAN SMALL ENTITY			
FOR		NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR		RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A				N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (j), or (m))		N/A	N/A	N/A				N/A				
<input type="checkbox"/> 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 \$ =				
<input type="checkbox"/> 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).										
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))												
					TOTAL				TOTAL			
* If the difference in column 1 is less than zero, enter "0" in column 2.												
APPLICATION AS AMENDED – PART II					(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY OR OTHER THAN SMALL ENTITY	
AMENDMENT	04/03/2012	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR		RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(n))	48	Minus	20	= 28	X \$30 =	840	OR		X \$ =		
	Independent (37 CFR 1.16(h))	4	Minus	4	= 0	X \$125 =	0	OR		X \$ =		
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))											
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))												
					TOTAL ADD'L FEE		840				TOTAL ADD'L FEE	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR		RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(n))	*	Minus	**	=	X \$ =		OR		X \$ =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		OR		X \$ =		
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))											
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))												
					TOTAL ADD'L FEE						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: /LAWANDA MILTON/							

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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



UNITED STATES 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

34071 7590 05/09/2012
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER
DOAN, KIET M

ART UNIT PAPER NUMBER
2617

DATE MAILED: 05/09/2012

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional YES \$870 \$300 \$0 \$1170 08/09/2012

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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)

34071 7590 05/09/2012
IPVENTURE, INC.
 5150 EL CAMINO REAL
 SUITE A-22
 LOS ALTOS, CA 94022

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.
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12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1	3193
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TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional	YES	\$870	\$300	\$0	\$1170	08/09/2012
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EXAMINER	ART UNIT	CLASS-SUBCLASS
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DOAN, KIET M	2617	455-435300
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1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

- 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, 1 _____
- (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. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- A check is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

34071 7590 05/09/2012
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER

DOAN, KIET M

ART UNIT PAPER NUMBER

2617

DATE MAILED: 05/09/2012

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

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

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.

Notice of Allowability	Application No.	Applicant(s)	
	12/798,995	CHEUNG ET AL.	
	Examiner	Art Unit	
	KIET DOAN	2617	

-- 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 04/03/2012.
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 1,3-5,8,9,21,22,24-27 and 29-64.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. 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)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/03/2012 has been entered.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1, 3-5, 8, 9, 21, 22, 24-27 and 29-64 are allowed.

With regard to claim 1, (similar recited limitation in claims 21, 26 and 36) the closest prior art record Shaffer et al. (US 7,224,775 B1) teaches a non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the method comprising:

receiving, by the server, the message from the first device;

identifying, by the server, the identity of the person; and

However, Shaffer alone or in combination **fails to teach or fairly suggest**

setting, by the server, a process for the message using one or more rules based

on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the access priority of the person to help set the process depends at least in part on a user's reaction towards a prior message from the person.

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 KIET DOAN whose telephone number is (571)272-7863. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. 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.

/Kiet Doan/
Primary Examiner, Art Unit 2617


Issue Classification 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

ORIGINAL					INTERNATIONAL CLASSIFICATION											
CLASS		SUBCLASS			CLAIMED				NON-CLAIMED							
455		435.3			H	D	4	M	1 / 725 (2006.01.01)							
CROSS REFERENCE(S)					H	D	4	W	4 / 00 (2009.01.01)							
					H	D	4	M	1 / 663 (2006.01.01)							
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)															
455	411	412.1	412.2	435.3												
379	265.09															

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		17	13	33	18	49								
	2		18	26	34	14	50								
2	3		19	27	35	15	51								
3	4		20	36	36	19	52								
5	5	7	21	37	37	16	53								
	6	8	22	38	38	20	54								
	7		23	39	39	17	55								
4	8	9	24	40	40	21	56								
6	9	10	25	41	41	28	57								
	10	22	26	42	42	29	58								
	11	23	27	43	43	32	59								
	12		28	44	44	33	60								
	13	24	29	45	45	34	61								
	14	25	30	46	46	30	62								
	15	11	31	47	47	31	63								
	16	12	32	48	48	35	64								

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	48
/KIET DOAN/ Primary Examiner. Art Unit 2617	05/03/2012	O.G. Print Claim(s)
(Primary Examiner)	(Date)	1
		2

Search Notes 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
		4/7/2011	
455	414		KD
709	217		KD
379	207.04		KD
		9/20/2011	
455	415		KD
	411		KD
	412.1		KD
	412.2		KD
	435.3		KD
	527		KD
370	444		KD
	336		KD
	395.2207		KD
709	225		KD
		12/28/2011	
455	418		KD
	518		KD
	15		KD
	422.1		KD
	436		KD
370	296		KD
	401		KD
	328		KD
	310		KD
	356		KD
379	88.16		KD
		5/3/2012	
	continue allow base on same recite limitation		KD

SEARCH NOTES		
Search Notes	Date	Examiner
	4/7/2011	
inventor Search		KD
Eats Saerch		KD
related case history search 11/452,115		KD

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SEARCH NOTES

Search Notes	Date	Examiner
(portal web website (web adj site) webpageurl) near2 stor\$4 near2 (information message\$1) and (mobile wireless pda \$4phone portable user) near2 (access retriev\$3 request\$3) with (information message\$1)		KD
(portal web website (web adj site) webpage url) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda \$4phone portable user) near2 (retriev\$3 request\$3) near3 ((voice near message\$1) message\$1) near3 (wed website (web adj site) portal url)		KD
(yahoo google) near3 ((\$4phone near number) number\$1)		KD
(mobile wireless) near3 receiv\$4 near3 message\$1 and message\$4 near4 (transmit\$4 delivery forward\$4 send\$3) near6 (website (web adj site))		KD
	9/20/2011	
(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1		KD
(server (base near station) computer) with access with priorit\$3 and (server (base near station) computer) with (trasmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller		KD
(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.clm.		KD
update East search		KD
455/415,411,412.1,412.2,435.3,527.ccls.		KD
	12/28/2011	
(server portal) with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal) near2 stor\$3 and "455"/\$.ccls.		KD
server with stor\$4 with (message\$1 (voice near mail)) and access near2 priority and (id identif\$3)		KD
(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3) and set\$4 near4 (status location position tim\$3).clm.		KD
Update East search		KD
	5/3/2012	
continue allow base on same recite limitation		KD

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
		9/20/2011	
709	207		KD
	206		KD
	219		KD
		12/28/2011	
709	253		KD
379	88.16		KD


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Index of Claims 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

✓	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	04/06/2011	09/27/2011	12/28/2011	05/03/2012				
1	1	✓	=	=	=				
	2	✓	-	-	-				
2	3	✓	=	=	=				
3	4	✓	=	=	=				
5	5	✓	=	=	=				
	6	✓	-	-	-				
	7	✓	-	-	-				
4	8	✓	=	=	=				
6	9	✓	=	=	=				
	10	✓	-	-	-				
	11	✓	-	-	-				
	12	✓	-	-	-				
	13	✓	-	-	-				
	14	✓	-	-	-				
	15	✓	-	-	-				
	16	✓	-	-	-				
	17	✓	-	-	-				
	18		-	-	-				
	19	✓	-	-	-				
	20	✓	-	-	-				
7	21		=	=	=				
8	22		=	=	=				
	23		=	-	-				
9	24		=	=	=				
10	25		=	=	=				
22	26		=	=	=				
23	27		=	=	=				
	28		=	-	-				
24	29		=	=	=				
25	30		=	=	=				
11	31			=	=				
12	32			=	=				
13	33			=	=				
26	34			=	=				
27	35			=	=				
36	36			=	=				

<i>Index of Claims</i> 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

✓	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	04/06/2011	09/27/2011	12/28/2011	05/03/2012				
37	37				=				
38	38				=				
39	39				=				
40	40				=				
41	41				=				
42	42				=				
43	43				=				
44	44				=				
45	45				=				
46	46				=				
47	47				=				
48	48				=				
18	49				=				
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15	51				=				
19	52				=				
16	53				=				
20	54				=				
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21	56				=				
28	57				=				
29	58				=				
32	59				=				
33	60				=				
34	61				=				
30	62				=				
31	63				=				
35	64				=				

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**REQUEST FOR CONTINUED EXAMINATION (RCE)
(37 CFR §1.114)**

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This is a Request for Continued Examination (RCE) of the above-identified application.

1. Submission required under 37 C.F.R. §1.114:

- a. Previously submitted
 - i. Consider the amendment/reply under 37 C.F.R. §1.116 previously filed on _____. *(Any unentered amendment referred to above will be entered.)*
 - ii. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____.
 - iii. Other _____.
- b. Enclosed
 - i. Amendment/Reply
 - ii. Affidavit/Declaration
 - iii. Information Disclosure Statement with Form PTO-1449
 - Copies of IDS Citations
 - iv. Other _____.

Appln. No. 12/798,995

|

Atty. Docket No. IPVMCP02C1

2. **Fees:** (The RCE fee is required at the time the RCE is filed.)

Fee Calculation (37 CFR §1.16)

Fee for Request for Continued Examination Under 37 C.F.R. §1.17(e)	\$930 =	
	TOTAL	\$465.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)	\$465.00	

- a. Applicant hereby petitions for a _____ month extension of time.
 - b. Applicant believes that no (additional) extension of time is required; however, if it is determined that such an extension is required, Applicant hereby petitions that such an extension be granted and authorizes the Director to charge the required fees for an extension of time under 37 CFR §1.136 to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
 - c. Any fees due are being paid electronically herewith.
 - d. The Director is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
3. Please send correspondence to the following address:

Customer Number 34071

34071

IpVenture, Inc.
5150 El Camino Real, Suite A-22
Los Altos, CA 94022

Please direct any calls to (650) 903-9200, X102.

Date: July 17, 2012

_____/Peter P. Tong/
Peter P. Tong
Registration No. 35,757

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT D TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	52	MINUS	48	04	x 30 = 120	x 60 =
Independent Claims	4	MINUS	4	00	x 125 =	x 250 =
Multiple Dependent Claim Present and Fee Not Previously Paid					\$	\$
Total					\$120.00	\$

- Applicant(s) hereby petition for a _____ - month extension(s) of time to respond to the aforementioned Office Action.
- Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
- Any fees due are being paid electronically herewith.
- Please charge any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/
Peter P. Tong
Reg. No. 35,757

Appln. No. 12/798,995

Atty. Docket No. IPVMCP02C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT D

Mail Stop _____
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Allowance dated May 9, 2012, please amend the above-identified patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments are on page 13 of this paper.

Amendments to the Claims:

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

Listing of Claims:

1. (Currently amended) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the method comprising:

receiving, by the server, the message from the first device;

identifying, by the server, the identity of the person; and

setting, by the server, a process for the message using one or more rules based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, ~~the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server,~~ and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the access priority of the person to help set the process depends at least in part on a user's reaction of the user towards a prior message from the person.

2. (Cancelled)

3. (Previously presented) The non-transitory computer-implemented method as recited in claim 1, wherein the access priority of the person is allowed to be set by the user.

4. (Previously presented) The non-transitory computer-implemented method as recited in claim 1, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

5. (Previously presented) The non-transitory computer-implemented method as recited in claim 1,

wherein the method depends on the mode of communication of the message, and

wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

6. (Cancelled)

7. (Cancelled)

8. (Previously presented) The non-transitory computer-implemented method as recited in claim 4, wherein the server can be restricted from accessing the access priority of the person from the second device.

9. (Previously presented) The non-transitory computer-implemented method as recited in claim 1,

wherein the server keeps an electronic calendar of the user, and

wherein an appointment is automatically set by the server for the user with the person in view of information in the calendar.

10-20. (Cancelled)

21. (Currently amended) A server based on a communication protocol for managing the communication of a user, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, the server comprising:

at least one computing device; and

at least one storage device,

wherein the at least one computing device is configured to

receive the message from the first device;

identify the identity of the person; and

set a process for the message using one or more rules based on at least a status of the user previously captured and stored at the second device, and an access priority of the person also stored at the second device, the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on the identity of the person, wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, ~~the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,~~

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

22. (Previously presented) A server as recited in claim 21, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

23. (Cancelled)

24. (Original) A server as recited in claim 21,
wherein the process for the message also depends the mode of communication of the message, and
wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

25. (Original) A server as recited in claim 21, wherein the server is configured to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

26. (Currently amended) A non-transitory computer readable medium including at least executable computer program code tangibly stored therein for manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, said computer readable medium comprising:

computer program code for receiving, by the server, the message from the first device;

computer program code for identifying the identity of the person; and

computer program code for setting a process for the message using one or more rules based on at least a status of the user previously captured and stored at the second device, and an access priority of the person also stored at the second device,

the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, ~~the computer program code does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server, and the computer program code also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,~~

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

27. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

28. (Cancelled)

29. (Original) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends the mode of communication of the message, and

wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

30. (Original) A non-transitory computer readable medium as recited in claim 26, wherein said computer readable medium further comprises computer program code to

keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

31. (Currently amended) A server as recited in claim 21, wherein the access priority of the person to help set the process depends at least in part on a user's reaction of the user towards a prior message from the person.

32. (Currently amended) A server as recited in claim 21, wherein the at least one computing device is configured to ask the user regarding changing the access priority of the person in view of at least a user's reaction of the user towards a prior message from the person, and to change the access priority of the person if so instructed by the response of the user.

33. (Previously presented) A server as recited in claim 21, wherein the status of the user is allowed to be selected by the user from a plurality of preset statuses.

34. (Currently amended) A non-transitory computer readable medium as recited in claim 26, wherein the access priority of the person to help set the process depends at least in part on a user's reaction of the user towards a prior message from the person.

35. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the computer readable medium further comprises:

computer program code for permitting the user to change the access priority of the person; and

computer program code for changing the access priority of the person if so instructed by the user.

36. (Currently amended) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from

the first device to a second device of the user, the second device being a handheld communication device, the method comprising:

receiving, by the server, the message from the first device;

identifying the identity of the person that is attempting to send the message to the user; and

setting a process regarding delivering the message to the user using one or more rules based on at least a status of the user previously captured and stored at the second device, and an access priority of the person also stored at the second device, the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on the identity of the person.

wherein the server is aware of contact information of the person,

wherein even if the message is delivered to the second device via contact information of the user, ~~the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without using the server, and~~ the server also does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without using the server,

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

37. (Previously presented) A non-transitory computer-implemented method as recited in claim 36, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

38. (Currently amended) A non-transitory computer-implemented method as recited in claim 36, wherein the access priority of the person to help set the process depends at least in part on a ~~user's~~ reaction of the user towards a prior message from the person.

39. (Currently amended) A non-transitory computer-implemented method as recited in claim 36, wherein the method further comprises asking the user regarding changing the access priority of the person in view of at least a ~~user's~~ reaction of the user towards a prior message from the person, and to change the access priority of the person if so instructed by the response of the user.

40. (Previously presented) A non-transitory computer-implemented method as recited in claim 36,

wherein the status of the user is allowed to be selected by the user from a plurality of preset statuses, and

wherein the method further comprises providing the identity of the person to the user.

41. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes not delivering the message to the user in view of an attribute regarding the message.

42. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

43. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes sending a text message regarding the message to the user.

44. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the message is a text message.

45. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes responding to the message by

retrieving an electronic mail to send to the person in view of an attribute regarding the message.

46. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the method further comprises asking the user regarding the access priority of the person, and setting the access priority of the person in view of a response from the user.

47. (Previously presented) A non-transitory computer-implemented method as recited in claim 40,
wherein the message can be voice or text, and
wherein the communication protocol is the Internet protocol.

48. (Previously presented) A non-transitory computer-implemented method as recited in claim 36, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.

49. (Previously presented) A server as recited in claim 21, wherein the at least one computing device is further configured to provide the identity of the person to the user,
wherein the process includes

- (i) determining whether the message should be delivered to the user based on at least one attribute of the message;
- (ii) delivering the message to the user if it is determined that the message should be delivered; and
- (iii) declining to deliver the message to the user if it is determined that the message should not be delivered.

50. (Previously presented) A server as recited in claim 33, wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

51. (Previously presented) A server as recited in claim 33, wherein the process includes sending a text message regarding the message to the user.
52. (Previously presented) A server as recited in claim 49, wherein the message is a text message.
53. (Previously presented) A server as recited in claim 33, wherein the process includes responding to the message by retrieving an electronic mail to send to the person in view of an attribute regarding the message.
54. (Previously presented) A server as recited in claim 49, wherein the at least one computing device is further configured to ask the user regarding the access priority of the person, and set the access priority of the person in view of a response from the user.
55. (Previously presented) A server as recited in claim 33,
wherein the message can be voice or text, and
wherein the communication protocol is the Internet protocol.
56. (Previously presented) A server as recited in claim 21, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.
57. (Previously presented) A non-transitory computer readable medium as recited in claim 26,
wherein the computer readable medium further comprises computer program code to provide the identity of the person to the user,
wherein the process includes not delivering the message to the user in view of an attribute regarding the message, and
wherein the status of the user is allowed to be selected by the user from a plurality of preset statuses.

58. (Previously presented) A non-transitory computer readable medium as recited in claim 57, wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

59. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process includes sending a text message regarding the message to the user.

60. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the message is a text message.

61. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process includes responding to the message by retrieving an electronic mail to send to the person in view of an attribute regarding the message.

62. (Previously presented) A non-transitory computer readable medium as recited in claim 57, wherein the computer readable medium further comprises computer program code to ask the user regarding the access priority of the person, and set the access priority of the person in view of a response from the user.

63. (Previously presented) A non-transitory computer readable medium as recited in claim 57,
wherein the message can be voice or text, and
wherein the communication protocol is the Internet protocol.

64. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.

65. (New) A non-transitory computer-implemented method as recited in claim 1, wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server.

66. (New) A server as recited in claim 21, wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server.

67. (New) A non-transitory computer readable medium as recited in claim 26, wherein even if the process includes transmitting the message to the second device via contact information of the user, the computer program code does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server.

68. (New) A non-transitory computer-implemented method as recited in claim 36, wherein even if the message is delivered to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without using the server.

REMARKS

Applicants acknowledge with gratitude the allowance of the previously-presented claims 1, 3-5, 8, 9, 21, 22, 24-27, and 29-64. By this amendment, Applicants have amended claims 1, 21, 26, 31, 32, 34, 36, 38 and 39 to further clarify the subject matter regarded as the invention; and have added claims 65-68. Accordingly, claims 1, 3-5, 8, 9, 21, 22, 24-27, and 29-68 remain pending.

All the pending claims should be in condition for allowance. Reconsideration of the application and an early Notice of Allowance are earnestly solicited.

In the event that the Examiner, upon reconsideration, determines that an action other than an allowance is appropriate, the Examiner is requested and authorized to telephone Applicants' representative below prior to taking such action, if the Examiner feels that such a telephone call will advance the prosecution of the present application.

Respectfully submitted,

5150 El Camino Real
Building A, Suite 22
Los Altos, CA 94022
(650) 903-9200 ext 102

By: /Peter P. Tong/
Peter P. Tong
Registration No.: 35,757

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114.

Appl. No. 12/798,995

Atty. Docket No. IPVMCP02C1

Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/

Peter P. Tong
Registration No. 35,757

5150 El Camino Real,
Building A, Ste. 22
Los Altos, CA 94022

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.	7,792,552 B2	Sep.-10	Thomas et al.			
	2.	8,112,104 B1	Feb.-12	Thomas et al.			
	3.						
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Electronic Patent Application Fee Transmittal

Application Number:	12798995
Filing Date:	14-Apr-2010
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Filer:	Peter P. Tong/Angela Nijim
Attorney Docket Number:	IPVMCP02C1

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	4	30	120

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	2801	1	465	465
Total in USD (\$)				585

Electronic Acknowledgement Receipt

EFS ID:	13268328
Application Number:	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Customer Number:	34071
Filer:	Peter P. Tong
Filer Authorized By:	
Attorney Docket Number:	IPVMCP02C1
Receipt Date:	18-JUL-2012
Filing Date:	14-APR-2010
Time Stamp:	10:16:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$585
RAM confirmation Number	8298
Deposit Account	503874
Authorized User	TONG,PETER P

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 1.21 (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)	IPVMCP02C1-RCE-7-12.pdf	29044 e9965e107a87d19174c8b30791cd1d98f4663d	no	2
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
2	Miscellaneous Incoming Letter	IPVMCP02C1-AmdDTrans-7-12.pdf	17276 f418e81a6a920101551118c33a8e1d178	no	1
Warnings:					
Information:					
3	Amendment Submitted/Entered with Filing of CPA/RCE	IPVMCP02C1-AmdD-asfiled-7-12.pdf	58402 6db8081a4075c01e6d825a1770c0799d472c	no	14
Warnings:					
Information:					
4	Transmittal Letter	IPVMCP02C1-IDSTrans-7-12.pdf	20896 94b0828018f6e91f89e83fe475640c118e2df	no	2
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Form (SB08)	IPVMCP02C1-1449-7-12.pdf	19088 0e8708e4511a601a508c761f9511e724e8e9ab	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
6	Fee Worksheet (SB06)	fee-info.pdf	32460 f18e209e19a3bc191818729191ee087291983c	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			177166		

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.

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 12/798,995		Filing Date 04/14/2010		<input type="checkbox"/> To be Mailed			
APPLICATION AS FILED – PART I					SMALL ENTITY <input checked="" type="checkbox"/> OR OTHER THAN SMALL ENTITY						
(Column 1)		(Column 2)			(Column 3)		(Column 4)				
FOR	NUMBER FILED	NUMBER EXTRA			RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)		
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A			N/A		OR	N/A			
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A			N/A		OR	N/A			
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A			N/A		OR	N/A			
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	+			X \$ =		OR	X \$ =			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	+			X \$ =		OR	X \$ =			
<input type="checkbox"/> 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).						OR				
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.											
APPLICATION AS AMENDED – PART II					SMALL ENTITY OR OTHER THAN SMALL ENTITY						
(Column 1)		(Column 2)		(Column 3)			(Column 4)				
AMENDMENT	07/18/2012	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	52	Minus	48	= 4		X \$30 =	120	OR	X \$ =	
	Independent (37 CFR 1.16(h))	4	Minus	4	= 0		X \$125 =	0	OR	X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
							TOTAL ADD'L FEE	120	OR	TOTAL ADD'L FEE	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	-	Minus	-	=		X \$ =		OR	X \$ =	
	Independent (37 CFR 1.16(h))	-	Minus	-	=		X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
							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.										Legal Instrument Examiner: /LASHAWN MARKS/	
** 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.											

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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



UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

34071 7590 10/03/2012
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER
DOAN, KIET M

ART UNIT PAPER NUMBER
2641

DATE MAILED: 10/03/2012

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE
nonprovisional YES \$870 \$300 \$0 \$1170 01/03/2013

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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)

34071 7590 10/03/2012
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

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.
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12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1	3193
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TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional	YES	\$870	\$300	\$0	\$1170	01/03/2013
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EXAMINER	ART UNIT	CLASS-SUBCLASS
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DOAN, KIET M	2641	455-435300
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1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

- 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, 1 _____
- (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. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- A check is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

34071 7590 10/03/2012
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER

DOAN, KIET M

ART UNIT PAPER NUMBER

2641

DATE MAILED: 10/03/2012

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

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

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.

Notice of Allowability	Application No.	Applicant(s)	
	12/798,995	CHEUNG ET AL.	
	Examiner	Art Unit	
	KIET DOAN	2617	

-- 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 07/18/2012.
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 1,3-5,8,9,21,22,24-27 and 29-68.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. 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. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>07/18/2012</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

/Kiet Doan/
 Primary Examiner, Art Unit 2617

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 07/18/2012 has been entered.

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 07/18/2012. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1, 3-5, 8, 9, 21, 22, 24-27 and 29-68 are allowed.

With regard to claim 1, (similar recited limitation in claims 21, 26 and 36) the closest prior art record Shaffer et al. (US 7,224,775 B1) teaches a non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to

electronically convey a message from the first device to a second device of the user, the method comprising:

receiving, by the server, the message from the first device;

identifying, by the server, the identity of the person; and

However, Shaffer alone or in combination **fails to teach or fairly suggest**

setting, by the server, a process for the message using one or more rules based on at least a status of the user stored at the second device, and an access priority of the person also stored at the second device, the access priority depending on the identity of the person,

wherein the server is aware of contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the access priority of the person to help set the process depends at least in part on a reaction of the user towards a prior message from the person.

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 KIET DOAN whose telephone number is (571)272-7863. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. 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.

/Kiet Doan/
Primary Examiner, Art Unit 2617

Application/Control Number: 12/798,995
Art Unit: 2617

Page 5

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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			USPAT; USOCR; EPO; JPO; DERWENT			12:04
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S38	2	"20060239419"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:06
S39	0	server with stor\$4 with message\$1 and server near3 (id identif\$3) near2 caller and access near2 priority	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:08
S40	0	server with stor\$4 with message\$1 and server with (id identif\$3) near2 caller and access near2 priority	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:10
S41	79	server with stor\$4 with message\$1 and server with (id identif\$3) and access near2 priority	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:10
S42	0	server with stor\$4 with (message\$1 (voice near mail)) and server with access near2 priority and (id identif\$3) near2 caller and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 12:22
S43	16	server with stor\$4 with (message\$1 (voice near mail)) and access near2 priority and (id identif\$3) and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 15:32
S44	28	("4955083" "5365512" "5387905" "5392278" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5694393" "5717830" "5850611" "5884196" "5901142" "5912882" "5914958" "5983114" "6016512" "6229802").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/28 15:36
S45	44	(server portal) with control\$4 with (message\$1 information (voice near mail)) and access near2 priority and (server portal) with (id identif\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 15:41
S46	150	(server portal) with control\$4 with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 15:52
S47	2	"6768789".pn.	US-PGPUB;	OR	OFF	2011/12/28

EAST Search History

			USPAT; USOCR; EPO; JPO; DERWENT			16:24
S48	2	"20020009184"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:25
S49	26	(server portal) with control\$4 with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:31
S50	121	(server portal) with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal) near2 stor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:35
S51	19	(server portal) with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal) near2 stor\$3 and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:42
S52	17	(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3) and set\$4 near4 (status location position tim\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 16:49
S53	2	"7184703".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/29 10:22
S54	2	"20080107091"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/29 10:35
S55	2	"20070010195"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/29 11:34

9/ 24/ 2012 9:06:34 PM

C:\Users\kdoan\Documents\EAST Workspaces\12798995.wsp

Search Notes 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
		4/7/2011	
455	414		KD
709	217		KD
379	207.04		KD
		9/20/2011	
455	415		KD
	411		KD
	412.1		KD
	412.2		KD
	435.3		KD
	527		KD
370	444		KD
	336		KD
	395.2207		KD
709	225		KD
		12/28/2011	
455	418		KD
	518		KD
	15		KD
	422.1		KD
	436		KD
370	296		KD
	401		KD
	328		KD
	310		KD
	356		KD
379	88.16		KD
		5/3/2012	
	continue allow base on same recite limitation		KD
		9/24/2012	
	continue allow base on same limitation		KD

SEARCH NOTES		
Search Notes	Date	Examiner
inventor Search	4/7/2011	KD

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SEARCH NOTES

Search Notes	Date	Examiner
Eats Saerch		KD
releated case history search 11/452,115		KD
(portal web website (web adj site) webpageurl) near2 stor\$4 near2 (information message\$1) and (mobile wireless pda \$4phone portable user) near2 (access retriev\$3 request\$3) with (information message\$1)		KD
(portal web website (web adj site) webpage url) near3 stor\$4 near3 (information message\$1 data\$4 number (\$4phone near number)) and (mobile wireless pda \$4phone portable user) near2 (retriev\$3 request\$3) near3 ((voice near message\$1) message\$1) near3 (wed website (web adj site) portal url)		KD
(yahoo google) near3 ((\$4phone near number) number\$1)		KD
(mobile wireless) near3 receiv\$4 near3 message\$1 and message\$4 near4 (transmit\$4 delivery forward\$4 send\$3) near6 (website (web adj site))		KD
	9/20/2011	
(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1		KD
(server (base near station) computer) with access with priorit\$3 and (server (base near station) computer) with (trasmit\$4 send\$3 forward\$4) with (message\$1 text voice) and (id identif\$4) near1 caller		KD
(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl near friend\$1) love\$2 boss family friend\$1) and (restrict\$3 inhibi\$4 (not\$3 near\$1 allow\$3) stop\$3) with message\$1.clm.		KD
update East search		KD
455/415,411,412.1,412.2,435.3,527.ccls.		KD
	12/28/2011	
(server portal) with (call\$3 message\$1 information (voice near mail)) and (mobile wireless \$4phone) with access near2 priority and (server portal) near2 stor\$3 and "455"/\$.ccls.		KD
server with stor\$4 with (message\$1 (voice near mail)) and access near2 priority and (id identif\$3)		KD
(server (base near station) computer) with (control\$3 restrict\$3 block\$3) with (mobile wireless handheld portable pda) near3 access\$3 and access\$3 near3 priorit\$3 and (restrict\$4 (call near block\$3) block\$3) and set\$4 near4 (status location position tim\$3).clm.		KD
Update East search		KD
	5/3/2012	
continue allow base on same recite limitation		KD
	9/24/2012	
continue allow base on same recite limitation		KD

INTERFERENCE SEARCH


Class	Subclass	Date	Examiner
		9/20/2011	
709	207		KD
	206		KD

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INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
	219		KD
		12/28/2011	
709	253		KD
379	88.16		KD

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Index of Claims 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE									
Final	Original	04/06/2011	09/27/2011	12/28/2011	05/03/2012	09/24/2012					
1	1	✓	=	=	=	=					
	2	✓	-	-	-	-					
2	3	✓	=	=	=	=					
3	4	✓	=	=	=	=					
5	5	✓	=	=	=	=					
	6	✓	-	-	-	-					
	7	✓	-	-	-	-					
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	12	✓	-	-	-	-					
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	14	✓	-	-	-	-					
	15	✓	-	-	-	-					
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25	27		=	=	=	=					
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27	30		=	=	=	=					
12	31			=	=	=					
13	32			=	=	=					
14	33			=	=	=					
28	34			=	=	=					
29	35			=	=	=					
39	36			=	=	=					

<i>Index of Claims</i> 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2617

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE									
Final	Original	04/06/2011	09/27/2011	12/28/2011	05/03/2012	09/24/2012					
40	37				=	=					
41	38				=	=					
42	39				=	=					
43	40				=	=					
44	41				=	=					
45	42				=	=					
46	43				=	=					
47	44				=	=					
48	45				=	=					
49	46				=	=					
50	47				=	=					
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37	64				=	=					
7	65					=					
23	66					=					
38	67					=					
52	68					=					

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
/K.D./	1.	7,792,552 B2	Sep.-10	Thomas et al.			
/K.D./	2.	8,112,104 B1	Feb.-12	Thomas et al.			
	3.						
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	

Examiner /Kiet Doan/	Date Considered 09/24/2012
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**REQUEST FOR CONTINUED EXAMINATION (RCE)
(37 CFR §1.114)**

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This is a Request for Continued Examination (RCE) of the above-identified application.

1. Submission required under 37 C.F.R. §1.114:

- a. Previously submitted
 - i. Consider the amendment/reply under 37 C.F.R. §1.116 previously filed on _____. *(Any unentered amendment referred to above will be entered.)*
 - ii. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____.
 - iii. Other _____.

- b. Enclosed
 - i. Amendment/Reply
 - ii. Affidavit/Declaration
 - iii. Information Disclosure Statement with Form PTO-1449
 Copies of IDS Citations
 - iv. Other _____.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT E TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	55	MINUS	52	03	x 31 = 93	x 62 =
Independent Claims	4	MINUS	4	00	x 125 =	x 250 =
Multiple Dependent Claim Present and Fee Not Previously Paid					\$	\$
Total					\$93.00	\$

- Applicant(s) hereby petition for a _____ - month extension(s) of time to respond to the aforementioned Office Action.
- Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).
- Any fees due are being paid electronically herewith.
- Please charge any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/

Peter P. Tong
Reg. No. 35,757

Appln. No. 12/798,995

Atty. Docket No. IPVMCP02C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

AMENDMENT E

Mail Stop _____
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Allowance dated October 3, 2012, please amend the above-identified patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments are on page 15 of this paper.

Amendments to the Claims:

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

Listing of Claims:

1. (Currently amended) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the method comprising:

receiving, by the server, the message from the first device;

identifying, by the server, the ~~identity of the person~~ attempting to electronically convey the message; and

setting, by the server, a process for the message using one or more rules based on at least a status of associated with the user ~~stored at the second device~~, and an access priority of associated with the person ~~also stored at the second device~~, the access priority depending on ~~the identity of the person~~,

wherein the server is ~~aware of~~ configured to have access to contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

~~wherein the server can be restricted from accessing the status of the user from the second device~~, and

wherein the access priority of associated with the person to help set the process depends at least in part on a reaction of the user towards a prior message from the person.

2. (Cancelled)

3. (Currently amended) The non-transitory computer-implemented method as recited in claim 1, wherein the access priority of associated with the person is allowed to be set by the user.

4. (Previously presented) The non-transitory computer-implemented method as recited in claim 1, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

5. (Previously presented) The non-transitory computer-implemented method as recited in claim 1,
wherein the method depends on the mode of communication of the message,
and
wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

6. (Cancelled)

7. (Cancelled)

8. (Currently amended) The non-transitory computer-implemented method as recited in claim 4,
wherein the status associated with the user and the access priority associated with the person are stored at the second device,
wherein the server can be restricted from accessing the status associated with the user from the second device, and
wherein the server can be restricted from accessing the access priority of associated with the person from the second device.

9. (Previously presented) The non-transitory computer-implemented method as recited in claim 1,

wherein the server keeps an electronic calendar of the user, and

wherein an appointment is automatically set by the server for the user with the person in view of information in the calendar.

10-20. (Cancelled)

21. (Currently amended) A server based on a communication protocol for managing the communication of a user, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, the server comprising:

at least one computing device; and

at least one storage device,

wherein the at least one computing device is configured to

receive the message from the first device;

identify ~~the identity of the person~~ attempting to electronically convey the message; and

set a process for the message using one or more rules based on at least a status of associated with the user ~~previously captured and stored at the second device~~, and an access priority of associated with the person ~~also stored at the second device~~, the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on ~~the identity of the person~~,

wherein the server is ~~aware of~~ configured to have access to contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server.

~~wherein the server can be restricted from accessing the status of the user from the second device, and~~

~~wherein the server can be restricted from accessing the access priority of the person from the second device.~~

22. (Previously presented) A server as recited in claim 21, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

23. (Cancelled)

24. (Original) A server as recited in claim 21,
wherein the process for the message also depends the mode of communication of the message, and
wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

25. (Original) A server as recited in claim 21, wherein the server is configured to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

26. (Currently amended) A non-transitory computer readable medium including at least executable computer program code tangibly stored therein for manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, said computer readable medium comprising:

computer program code for receiving, by the server, the message from the first device;

computer program code for identifying ~~the identity of the person~~ attempting to electronically convey the message; and

computer program code for setting a process for the message using one or more rules based on at least a status of associated with the user ~~previously captured and stored at the second device~~, and an access priority of associated with the person also ~~stored at the second device~~, the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on ~~the identity of the person~~,

wherein the server is ~~aware of~~ configured to have access to contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the computer program code does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

~~wherein the server can be restricted from accessing the status of the user from the second device, and~~

~~wherein the server can be restricted from accessing the access priority of the person from the second device.~~

27. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

28. (Cancelled)

29. (Original) A non-transitory computer readable medium as recited in claim 26, wherein the process for the message also depends the mode of communication of the message, and

wherein the mode of communication is selected from the list of a mobile phone, an office phone, a home phone, a mobile SMS from a mobile phone or PDA, a pager from a mobile phone or PDA, a home/office SMS, mobile online chat, home online chat, a voice mail with/without instant notification, an office fax, a home fax, a mobile email, and an email.

30. (Original) A non-transitory computer readable medium as recited in claim 26, wherein said computer readable medium further comprises computer program code to keep an electronic calendar of the user, and to automatically set an appointment for the user with the person in view of information in the calendar.

31. (Currently amended) A server as recited in claim 21, wherein the access priority of associated with the person to help set the process depends at least in part on a reaction of the user towards a prior message from the person.

32. (Currently amended) A server as recited in claim 21, wherein the at least one computing device is configured to ask the user regarding changing the access priority of associated with the person in view of at least a reaction of the user towards a prior message from the person, and to change the access priority of associated with the person if so instructed by the response of the user.

33. (Currently amended) A server as recited in claim 21, wherein the status of associated with the user is allowed to be selected by the user from a plurality of preset statuses.

34. (Currently amended) A non-transitory computer readable medium as recited in claim 26, wherein the access priority of associated with the person to help set the process depends at least in part on a reaction of the user towards a prior message from the person.

35. (Currently amended) A non-transitory computer readable medium as recited in claim 26, wherein the computer readable medium further comprises:

computer program code for permitting the user to change the access priority of associated with the person; and

computer program code for changing the access priority of associated with the person if so instructed by the user.

36. (Currently amended) A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, the method comprising:

receiving, by the server, the message from the first device;

identifying ~~the identity of the person that is attempting to send the message to the user~~; and

setting a process regarding delivering the message to the user using one or more rules based on at least a status of associated with the user ~~previously captured and stored at the second device~~, and an access priority of associated with the person ~~also stored at the second device~~, the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on the ~~identity of the person~~,

wherein the server is ~~aware of~~ configured to have access to contact information of the person,

wherein even if the message is delivered to the second device via contact information of the user, the server does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without using the server;

~~wherein the server can be restricted from accessing the status of the user from the second device, and~~

~~wherein the server can be restricted from accessing the access priority of the person from the second device.~~

37. (Previously presented) A non-transitory computer-implemented method as recited in claim 36, wherein the process for the message also depends on an urgency level of the message, which is allowed to be set by the person.

38. (Currently amended) A non-transitory computer-implemented method as recited in claim 36, wherein the access priority of associated with the person to help set the process depends at least in part on a reaction of the user towards a prior message from the person.

39. (Currently amended) A non-transitory computer-implemented method as recited in claim 36, wherein the method further comprises asking the user regarding changing the access priority of associated with the person in view of at least a reaction of the user towards a prior message from the person, and to change the access priority of associated with the person if so instructed by the response of the user.

40. (Currently amended) A non-transitory computer-implemented method as recited in claim 36,

wherein the status of associated with the user is allowed to be selected by the user from a plurality of preset statuses, and

wherein the method further comprises ~~providing the identity of~~ identifying the person to the user.

41. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes not delivering the message to the user in view of an attribute regarding the message.

42. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

43. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes sending a text message regarding the message to the user.

44. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the message is a text message.

45. (Previously presented) A non-transitory computer-implemented method as recited in claim 40, wherein the process includes responding to the message by retrieving an electronic mail to send to the person in view of an attribute regarding the message.

46. (Currently amended) A non-transitory computer-implemented method as recited in claim 40, wherein the method further comprises asking the user regarding the access priority of associated with the person, and setting the access priority of associated with the person in view of a response from the user.

47. (Previously presented) A non-transitory computer-implemented method as recited in claim 40,
wherein the message can be voice or text, and
wherein the communication protocol is the Internet protocol.

48. (Previously presented) A non-transitory computer-implemented method as recited in claim 36, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.

49. (Currently amended) A server as recited in claim 21, wherein the at least one computing device is further configured to ~~provide the identity of~~ the person to the user,
wherein the process includes
(i) determining whether the message should be delivered to the user based on at least one attribute of the message;

- (ii) delivering the message to the user if it is determined that the message should be delivered; and
- (iii) declining to deliver the message to the user if it is determined that the message should not be delivered.

50. (Previously presented) A server as recited in claim 33, wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

51. (Previously presented) A server as recited in claim 33, wherein the process includes sending a text message regarding the message to the user.

52. (Previously presented) A server as recited in claim 49, wherein the message is a text message.

53. (Previously presented) A server as recited in claim 33, wherein the process includes responding to the message by retrieving an electronic mail to send to the person in view of an attribute regarding the message.

54. (Currently amended) A server as recited in claim 49, wherein the at least one computing device is further configured to ask the user regarding the access priority of associated with the person, and set the access priority of associated with the person in view of a response from the user.

55. (Previously presented) A server as recited in claim 33, wherein the message can be voice or text, and wherein the communication protocol is the Internet protocol.

56. (Previously presented) A server as recited in claim 21, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.

57. (Currently amended) A non-transitory computer readable medium as recited in claim 26,

wherein the computer readable medium further comprises computer program code to ~~provide the identity of the person to the user,~~

wherein the process includes not delivering the message to the user in view of an attribute regarding the message, and

wherein the status of associated with the user is allowed to be selected by the user from a plurality of preset statuses.

58. (Previously presented) A non-transitory computer readable medium as recited in claim 57, wherein the process includes asking the person to leave a voice mail for the user in view of an attribute regarding the message.

59. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process includes sending a text message regarding the message to the user.

60. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the message is a text message.

61. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process includes responding to the message by retrieving an electronic mail to send to the person in view of an attribute regarding the message.

62. (Currently amended) A non-transitory computer readable medium as recited in claim 57, wherein the computer readable medium further comprises computer program code to ask the user regarding the access priority of associated with the person, and set the access priority of associated with the person in view of a response from the user.

63. (Previously presented) A non-transitory computer readable medium as recited in claim 57,

wherein the message can be voice or text, and

wherein the communication protocol is the Internet protocol.

64. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein the process includes setting an appointment between the user and the person in view of a schedule of the user.

65. (Previously presented) A non-transitory computer-implemented method as recited in claim 1, wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server.

66. (Previously presented) A server as recited in claim 21, wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server.

67. (Previously presented) A non-transitory computer readable medium as recited in claim 26, wherein even if the process includes transmitting the message to the second device via contact information of the user, the computer program code does not provide the contact information of the person to the second device to inhibit the user from sending messages to the person without via the server.

68. (Previously presented) A non-transitory computer-implemented method as recited in claim 36, wherein even if the message is delivered to the second device via contact information of the user, the server does not provide the contact information of

the person to the second device to inhibit the user from sending messages to the person without using the server.

69. (New) A server as recited in claim 21,
wherein the status associated with the user and the access priority associated with the person are stored at the second device,
wherein the server can be restricted from accessing the status associated with the user from the second device, and
wherein the server can be restricted from accessing the access priority associated with the person from the second device.

70. (New) A non-transitory computer readable medium as recited in claim 26,
wherein the status associated with the user and the access priority associated with the person are stored at the second device,
wherein the server can be restricted from accessing the status associated with the user from the second device, and
wherein the server can be restricted from accessing the access priority associated with the person from the second device.

71. (New) A non-transitory computer-implemented method as recited in claim 36,
wherein the status associated with the user and the access priority associated with the person are stored at the second device,
wherein the server can be restricted from accessing the status associated with the user from the second device, and
wherein the server can be restricted from accessing the access priority associated with the person from the second device.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: CHEUNG et al.

Attorney Docket No.: IPVMCP02C1

Application No.: 12/798,995

Examiner: DOAN, KIET M.

Filed: April 14, 2010

Group: 2617

Title: SYSTEMS AND PROCESSES TO
MANAGE MULTIPLE MODES OF
COMMUNICATION

**INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114.

Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

/Peter P. Tong/

Peter P. Tong
Registration No. 35,757

5150 El Camino Real,
Building A, Ste. 22
Los Altos, CA 94022

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	1.	2001/0028709 A1	Oct.-01	Makela et al.			
	2.	2011/0151852 A1	Jun.-11	Olincy et al.			
	3.	6,819,945 B1	Nov.-04	Chow et al.			
	4.	8,280,419 A1	Oct.-12	Thomas et al.			
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Electronic Patent Application Fee Transmittal

Application Number:	12798995
Filing Date:	14-Apr-2010
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Filer:	Peter P. Tong
Attorney Docket Number:	IPVMCP02C1

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	3	31	93

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	2801	1	465	465
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				738

Electronic Acknowledgement Receipt

EFS ID:	14585946
Application Number:	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
First Named Inventor/Applicant Name:	Kwok Wai Cheung
Customer Number:	34071
Filer:	Peter P. Tong
Filer Authorized By:	
Attorney Docket Number:	IPVMCP02C1
Receipt Date:	02-JAN-2013
Filing Date:	14-APR-2010
Time Stamp:	20:27:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$738
RAM confirmation Number	8021
Deposit Account	503874
Authorized User	TONG, PETER P

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 1.21 (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)	IPVMCP02C1-RCE-1-13.pdf	29256 e6f1111e008f262470466a807de2dfb7-700	no	2
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
2	Miscellaneous Incoming Letter	IPVMCP02C1-AmdETrans-1-13.pdf	17306 a87050be13e322915741a8d560b0cda89c140ba8	no	1
Warnings:					
Information:					
3	Amendment Submitted/Entered with Filing of CPA/RCE	IPVMCP02C1-AmdE-asfiled-1-13.pdf	62674 e6a10444e6a741e1f003d0880b055a09388a510	no	15
Warnings:					
Information:					
4	Transmittal Letter	IPVMCP02C1-IDSTrans-1-13.pdf	20952 975a2119aa160d6631af68894c02e01e01f2ab1	no	2
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Form (SB08)	IPVMCP02C1-1449-1-13.pdf	19405 264450ee7095d06e1b1e6c94167931347203c5	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
6	Fee Worksheet (SB06)	fee-info.pdf	33943 6a7a0890330a1f2899ff759649994d2d43c06c	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			183536		

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.

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 12/798,995		Filing Date 04/14/2010		<input type="checkbox"/> To be Mailed	
APPLICATION AS FILED – PART I					SMALL ENTITY <input checked="" type="checkbox"/> OR OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)							
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)		
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			N/A			
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (j), or (m))</small>	N/A	N/A	N/A			N/A			
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			N/A			
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =		OR	X \$ =			
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*~	X \$ =			X \$ =			
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	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).								
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>									
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL			
APPLICATION AS AMENDED – PART II					SMALL ENTITY OR OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	01/02/2013	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(n))</small>	* 55	Minus ** 52	= 3	X \$1 =	93	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 4	Minus *** 4	= 0	X \$125 =	0	OR	X \$ =	
<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>									
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>							OR		
			TOTAL ADD'L FEE		93	OR	TOTAL ADD'L FEE		
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(n))</small>	*	Minus **	=	X \$ =		OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =	
<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>									
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>							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:
/MARCIA GORDON/

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.

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	12/798,995	CHEUNG ET AL.	
	Examiner	Art Unit	
	KIET DOAN	2641	

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

(1) KIET DOAN. (3) _____

(2) Peter P. Tong. (4) _____

Date of Interview: 10 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: 1, 21, 26 and 36.

Identification of prior art discussed: N/A.

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...)

The examiner discussed with Applicant Representative Peter P. Tong regarding the suggestion and agreement to amendment claims 1, 21, 26 and 36 in order to place application for condition of allowance, see office action.

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

/Kiet Doan/
Primary Examiner, Art Unit 2641



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

34071 7590 07/16/2013
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER
DOAN, KIET M

ART UNIT PAPER NUMBER
2641

DATE MAILED: 07/16/2013

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE
nonprovisional SMALL \$890 \$300 \$0 \$1190 10/16/2013

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)

34071 7590 07/16/2013
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

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.
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMC/P02C1	3193

TITLE OF INVENTION: SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$890	\$300	\$0	\$1190	10/16/2013

EXAMINER	ART UNIT	CLASS-SUBCLASS
DOAN, KIET M	2641	455-435300

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, 1 _____
 (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. 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:
 Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)
 A check is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

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.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
12/798,995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193

34071 7590 07/16/2013
IPVENTURE, INC.
5150 EL CAMINO REAL
SUITE A-22
LOS ALTOS, CA 94022

EXAMINER

DOAN, KIET M

ART UNIT PAPER NUMBER

2641

DATE MAILED: 07/16/2013

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

The Patent Term Adjustment to date is 47 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 47 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

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.

Notice of Allowability	Application No. 12/798,995	Applicant(s) CHEUNG ET AL.	
	Examiner KIET DOAN	Art Unit 2641	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 01/02/2013.
 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 1,3-5,8,9,21,22,24-27 and 29-71. 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. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>01/02/2013</u> | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____ |
| 4. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>07/10/2013</u> . | |

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DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 01/02/2013 has been entered.

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 01/02/2013. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Peter P. Tong at 650-283-3535 on 07/10/2013.

The application is amendment as follows:

Claim 1 (Currently amended). A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the method comprising:

receiving, by the server, the message from the person using the first device;

identifying, by the server, the person attempting to electronically convey the message; and

setting, by the server, a process for the message using one or more rules based on at least a status associated with the user and an access priority associated with the person, the access priority depending on the person,

wherein the server is configured to have access to contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the server does not provide the contact information of the first device to inhibit the person from sending messages to the user without via the server, and

wherein the access priority associated with the person is configured to be set by the server depending at least in part on the user reacting by accepting or not accepting a prior message from the person.

Claim 21 (Currently amended). A server based on a communication protocol for managing the communication of a user, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, the server comprising:

at least one computing device; and

at least one storage device,

wherein the at least one computing device is configured to

receive the message from the person using the first device;

identify the person attempting to electronically convey the message; and

set a process for the message using one or more rules based on at least

a status associated with the user and an access priority associated with the

person, the status depending at least in part on the current activity or location of

the user, or the current time, and the access priority depending on the person,

wherein the server is configured to have access to contact information of the

person,

wherein even if the process includes transmitting the message to the second

device via contact information of the user, the server does not provide the contact

information of the user to the first device to inhibit the person from sending messages to

the user without via the server;

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

Claim 26 (Currently amended). A non-transitory computer readable medium including at least executable computer program code tangibly stored therein for manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, said computer readable medium comprising:

computer program code for receiving, by the server, the message from the person using the first device;

computer program code for identifying the person attempting to electronically convey the message; and

computer program code for setting a process for the message using one or more rules based on at least a status associated with the user, and an access priority associated with the person, the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on the person,

wherein the server is configured to have access to contact information of the person,

wherein even if the process includes transmitting the message to the second device via contact information of the user, the computer program code does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without via the server,

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

Claim 36 (Currently amended). A non-transitory computer-implemented method to manage the communication of a user via a server based on a communication protocol, in view of a person, using a first device, trying to electronically convey a message from the first device to a second device of the user, the second device being a handheld communication device, the method comprising:

receiving, by the server, the message from the person using the first device;

identifying the person attempting to send the message to the user; and

setting a process regarding delivering the message to the user using one or more rules based on at least a status associated with the user and an access priority associated with the person, the status depending at least in part on the current activity or location of the user, or the current time, and the access priority depending on the person,

wherein the server is configured to have access to contact information of the person,

wherein even if the message is delivered to the second device via contact information of the user, the server does not provide the contact information of the user to the first device to inhibit the person from sending messages to the user without using the server,

wherein the server can be restricted from accessing the status of the user from the second device, and

wherein the server can be restricted from accessing the access priority of the person from the second device.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1, 3-5, 8, 9, 21, 22, 24-27 and 29-71 are allowance according to further search and further examiner amendment attached hereto.

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 KIET DOAN whose telephone number is (571)272-7863. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. 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.

/Kiet Doan/
Primary Examiner, Art Unit 2641

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	Unassigned
	Applicant	CHEUNG et al.
	Filing Date	Herewith
	Group	Unassigned
		Page 2 of 4

/K.D./	30.	6,665,534 B1	Dec. 03	Conklin et al.			
	31.	6,801,793 B1	Oct. 04	Aarnio et al.			
	32.	6,816,578 B1	Nov. 04	Kredo et al.			
	33.	6,819,757 B1	Nov.-04	Cook et al.			
	34.	6,978,136 B2	Dec. 05	Jenniges et al.			
	35.	7,010,288 B2	Mar. 06	Brown et al.			
	36.	7,010,332 B1	Mar.06	Irvin et al.			
	37.	7,027,842 B2	Apr. 06	Zhang et al.			
	38.	7,043,261 B1	May-07	Krishnan			
	39.	7,072,452 B1	Jul. 06	Roberts et al.			
	40.	7,085,253 B2	Aug.-06	Yang			
	41.	7,107,010 B2	Sep.-06	Heinonen et al.			
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	43.	7,111,044 B2	Sep. 06	Lee			
	44.	7,116,976 B2	Oct. 06	Thomas et al.			
	45.						

Translation							
Init.	Document No.	Date	Country	Class	Subclass	Yes	No
/K.D./	WO 01/45343 A2	Jun-01	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)	
/K.D./	A "Company Overview", http://www.fastmobile.com/company_overview.html , downloaded 11/5/2003, p. 1.
/K.D./	B "Introducing the Tellme Voice Application Network", Tellme, http://www.tellme.com/products/ , downloaded 10/2/2003, page 1.
/K.D./	C "Iotum History," Iotum Corp., http://iotum.com/simplyrelevant/2006/04/03/iotum-history/ , downloaded May 15, 2006, pages 1-4.
/K.D./	D "messaging", Vodafone Group, 2001, http://www.vodafone.co.nz/business/10.2.3_messaging.jsp , downloaded 10/14/2003, pages 1-2.
/K.D./	E "Microsoft Windows Messenger: Go Beyond Text with Voice & Video Chats", Dell Inc., http://www.dell.com/us/en/dhs/topics/segtopic_002_xp_im.htm , downloaded 10/2/2003, pages 1-2.

Examiner	/Kiet Doan/	Date Considered	07/14/2013
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Application No.:	Unassigned
	Applicant	CHEUNG et al.
	Filing Date	Herewith
	Group	Unassigned
		Page 3 of 4

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	G	"Our Solution," Iotum Corp., http://www.iotum.com/our_solution.php , downloaded May 15, 2006, pages 1-2.
	H	"Short Message Service/Interactive Voice Response (SMS/IVR), Lucent Technologies, 2003, pages 1-2.
	I	"text messaging", Vodafone Group, 2001, Vodafone - Services, "All about text messaging", http://www.vodafone.co.nz/services/07.a.1_two_way_messaging.jsp?hd=4yourbusiness&... , downloaded 10/14/2003, pages 1-2.
	J	"We bring relevance to communications," Cnet News, Ina Fried, July 21, 2005, pages 1-2.
	K	Appenzeller, et al., "The Mobile People Architecture", Technical Report: CSL-TR-00000, Computer Systems Laboratory, Departments of Electrical Engineering and Computer Science, Stanford University, January 1999, pages 1-13.
	L	BlackBerry, "Voice and SMS", http://www.blackberry.com/products/service/voices_sms.shtml?DCPID=hmsvoice downloaded 10/2/2003, page 1.
	M	Calsyn, Martin and Desseault, Lisa, "Presence Information Protocol Requirements," Internet Draft, February 9, 1998, pages 1-27.
	N	Emergin Inc., "Emergin WirelessOffice 5.0", http://www.emergin.com/?source=overture , downloaded 10/2/2003, page 1.
	O	fastmobile Inc., "Dialog GSM launches Push 'n' Talk walkie talkie service Push to Talk over Cellular Now in Sri Lanka Dialog GSM Pioneers Latest GSM Advancement", Press Release, December 1, 2004, pages 1-2.
	P	fastmobile, "fastmobile's fastchat™ Instant Communications Application is Coming to Thousands of Mobile Phone Retail Stores Nationwide", fastmobile Press Release, September 15, 2003, pages 1-3.
	Q	IMBOT, Press Release, "IMBOT offers new Text 2 Voice Service Text 2 Voice service enables wireless customers to send voice messages from 2-Way devices", October 29, 2001, pages 1-2.
	R	Internet Traveler, "Welcome to the Inter.Net Communicator Tour!", http://www.inter.net/traveler/tour/communicator_messaging.php , downloaded 10/14/2003, p. 1.
	S	J. Rosenberg, H. Schulzrinne, Internet Draft, "SIP For Presence," http://www.alternic.org/drafts/drafts-r-s/draft-rosenberg=sip-pip-00.txt , November 13, 1998, Bell Laboratories, Columbia, pages 1-31.
	T	Joseph, Anthony D. et al., "The Case for Services over Cascaded Networks", EECS Department, CS Division, University of California, Berkeley, http://iceberg.cs.berkeley.edu/ , International Conference on Wireless and Mobile Multimedia 1998, pages 1-9.
	U	MobileShop, "SMS - also know as text messaging",
Examiner	/Kiet Doan/	Date Considered 07/14/2013

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	Unassigned
	Applicant	CHEUNG et al.
	Filing Date	Herewith
	Group	Unassigned
		Page 4 of 4

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	V	Schulzrinne, H. et al., RPID: Rich Presence Extensions to the Presence Information Data Format (PIDF), draft-ietf-simple-rpid-06.txt, June 2, 2005, http://www1.ietf.org/mail-archive/web/simple/current/msg05398.html , downloaded November 15, 2006, pages 1-35.
	W	Schulzrinne, H. et al., RPID: Rich Presence Extensions to the Presence Information Data Format (PIDF), draft-ietf-simple-rpid-10.txt, December 20, 2005, pages 1-41.
	X	Schulzrinne, H. et al., RPID: Rich Presence Extensions to the Presence Information Data Format (PIDF), draft-ietf-simple-rpid-10.txt, December 4, 2005, pages 1-35.
	Y	Sonim Technologies, Inc., "Integrated voice and text messaging over GPRS showcased jointly by Sonim, Symbian and Texas Instruments", Sonim Press Release, December 2, 2002, pages 1-2.
	Z	Symbian Ltd., "Symbian OS Version 7.0: Functional description", Revision 1.5, February 2003, pages 1-24.
	AA	Symbian Ltd., "Symbian OS Version 7.0s: Functional description", Revision 2.1, June 2003, pages 1-29.
	AB	Symbian Ltd., "Technology: Creating Symbian OS phones", http://www.symbian.com/technology/create-symb-OS-phones.html , downloaded 11/5/2003, page 1-8.
	AC	Symbian Ltd., "Technology: Why is a different operating system needed", http://www.symbian.com/technology/why-diff-os.html , downloaded 11/5/2003, pages 1-5.
	AD	Verizon Wireless, "TXT messaging", http://www.vtext.com/customer_site/jsp/messaging_lo.jsp , downloaded 10/2/2003, page 1.
	AE	W3C, "Voice Extensible Markup Language (VoiceXML) Version 2.0, W3C, www.w3.org , February 20, 2003.
	AF	Yahoo!Messenger, "Yahoo!Messenger Talk for Free!", http://messenger.yahoo.com/messenger/help/voicechat.html , downloaded 10/2/2003, pages 1-2.

Examiner	/Kiet Doan/	Date Considered	07/14/2013
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
	Applicant	CHEUNG et al.
	Filing Date	April 14, 2010
	Group	2617
		Page 1 of 1

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
/K.D./	1.	2001/0028709 A1	Oct.-01	Makela et al.			
/K.D./	2.	2011/0151852 A1	Jun.-11	Olincy et al.			
/K.D./	3.	6,819,945 B1	Nov.-04	Chow et al.			
/K.D./	4.	8,280,419 A1	Oct.-12	Thomas et al.			
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents


Init.	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

A	
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Examiner	/Kiet Doan/	Date Considered	07/10/2013
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Issue Classification 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2641

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1		17	14	33	19	49	7	65						
	2		18	29	34	15	50	22	66						
2	3		19	30	35	16	51	39	67						
3	4		20	41	36	20	52	54	68						
5	5	8	21	42	37	17	53	24	69						
	6	9	22	43	38	21	54	40	70						
	7		23	44	39	18	55	55	71						
4	8	10	24	45	40	22	56								
6	9	11	25	46	41	31	57								
	10	25	26	47	42	32	58								
	11	26	27	48	43	35	59								
	12		28	49	44	36	60								
	13	27	29	50	45	37	61								
	14	28	30	51	46	33	62								
	15	12	31	52	47	34	63								
	16	13	32	53	48	38	64								


NONE		Total Claims Allowed:	
		55	
(Assistant Examiner)	(Date)		
/KIET DOAN/ Primary Examiner, Art Unit 2641	07/10/2013	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	21	2

<i>Index of Claims</i> 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2641

✓	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	04/06/2011	09/27/2011	12/28/2011	05/03/2012	09/24/2012	07/10/2013			
1	1	✓	=	=	=	=	=			
	2	✓	-	-	-	-	-			
2	3	✓	=	=	=	=	=			
3	4	✓	=	=	=	=	=			
5	5	✓	=	=	=	=	=			
	6	✓	-	-	-	-	-			
	7	✓	-	-	-	-	-			
4	8	✓	=	=	=	=	=			
6	9	✓	=	=	=	=	=			
	10	✓	-	-	-	-	-			
	11	✓	-	-	-	-	-			
	12	✓	-	-	-	-	-			
	13	✓	-	-	-	-	-			
	14	✓	-	-	-	-	-			
	15	✓	-	-	-	-	-			
	16	✓	-	-	-	-	-			
	17	✓	-	-	-	-	-			
	18		-	-	-	-	-			
	19	✓	-	-	-	-	-			
	20	✓	-	-	-	-	-			
8	21		=	=	=	=	=			
9	22		=	=	=	=	=			
	23		=	-	-	-	-			
10	24		=	=	=	=	=			
11	25		=	=	=	=	=			
25	26		=	=	=	=	=			
26	27		=	=	=	=	=			
	28		=	-	-	-	-			
27	29		=	=	=	=	=			
28	30		=	=	=	=	=			
12	31			=	=	=	=			
13	32			=	=	=	=			
14	33			=	=	=	=			
29	34			=	=	=	=			
30	35			=	=	=	=			
41	36			=	=	=	=			

<i>Index of Claims</i> 	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2641

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

Claims renumbered in the same order as presented by applicant
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CLAIM		DATE							
Final	Original	04/06/2011	09/27/2011	12/28/2011	05/03/2012	09/24/2012	07/10/2013		
42	37				=	=	=		
43	38				=	=	=		
44	39				=	=	=		
45	40				=	=	=		
46	41				=	=	=		
47	42				=	=	=		
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49	44				=	=	=		
50	45				=	=	=		
51	46				=	=	=		
52	47				=	=	=		
53	48				=	=	=		
19	49				=	=	=		
15	50				=	=	=		
16	51				=	=	=		
20	52				=	=	=		
17	53				=	=	=		
21	54				=	=	=		
18	55				=	=	=		
22	56				=	=	=		
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36	60				=	=	=		
37	61				=	=	=		
33	62				=	=	=		
34	63				=	=	=		
38	64				=	=	=		
7	65					=	=		
23	66					=	=		
39	67					=	=		
54	68					=	=		
24	69						=		
40	70						=		
55	71						=		