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UTILITY	Attorney Docket No.	IPVMCP02C1
PATENT APPLICATION	First Inventor	CHEUNG et al.
TRANSMITTAL	Title	SYSTEMS AND PROCESSES TO MANAGE
new nonprovisional applications under 37 CFR 1.53(b))	Everess Mail I shell No	EB 592 583 706 US

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APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
	37 CFR 1.76: sation-in-part (CIP) of prior application No.:11/452,115
Prior application information: Examiner DOAN, KIET M.	Art Unit:
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City State	Zip Code
Country Telephone	Email
Signature C. N. C.	Date April 14, 2010
Name (Print/Type) C. Douglass Thomas	Registration No. (Attorney/Agent) 32,947

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Plant	220	110	330	165	170		
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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.

IPVMCP02C1 Patent Application

[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:

ContactClass1	
ContactClass2	
ContactClass2	
	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

 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.

- 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.
- A computer-implemented method as recited in claim 1, wherein the urgency of the message is set by the person.
- 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.

- 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.
- 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.

 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.

 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.

- 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.
- 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.
- 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.

 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, is attached hereto. (check one) was filed on U.S. Application No. and was amended on was filed on 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. l 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** Cert. Copy Claimed Attached (Application No.) (Country) (Filing Date) (Application No.) (Country) (Filing Date) 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 Attorney Docket No. IPVMCP02 Page 1

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:	Party	Date of Signature:	7/17/2006
Residence: (City) _	Mountain View	(State/Country)	CA/US
Post Office Address:	1807 Limetree Lane, Moun	tain View, CA 94040	
Third Inventor:	C. Douglass Thomas	Citizenship:	United States
Inventor's signature:	C. Rigandin	✓ Date of Signature:_	7/17/2006
Residence: (City)	Campbell	(State/Country)	CA/US
Post Office Address:	1193 Capri Drive, Campbe	II, 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 atta	ched hereto.				
	2. X was f	iled on	June 12, 2006	25		
	U.S.	Application No.	11/452,115	- 43		
		as amended on _				
	3. Was f	iled on		as		
	PCT	international Appl	ication No.			
	and w	as amended on _				
	that I have reviewended by any amer		the contents of the above-i above.	dentified specifica	ation, including	the
including for o	continuation-in-par	t applications, ma	ich is material to patentabi terial information which be ternational filing date of the	came available be	tween the filing	
Prior Foreign	Application(s)					
foreign application who below, by che	ation for patent or nich designated at cking the box, any	inventor's certificates east one country of foreign applicatio	35, United States Code, §1 ate listed below, or under § other than the United States in for patent or inventor's capplication on which priorit	365(a) of any PC listed below, and ertificate, or any I	Γ international I have identifie	d
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(Application No	o.)	(Country)	(Filing Date)			
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Direct Corres	pondence 10.	Cust	omer Number 5407			
Direct Teleph	one Calls To:	Peter	Tong at telephone numb	er (650) 903-9200		
			of my own knowledge are further that these statemen			
Attorney Dock	cet No. IPVMCP0	2	Page I			

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		80-21	<b>6</b> 16
Sole or First Inventor:	Kwok Wai Cheung	Citizenship:	China
Inventor's signature:	(H)>	Date of Signature:	June 21,01
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
Post Office Address:	1807 Limetree Lane, Mount	rain View, CA 94040	
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, Campbel	I, CA 95008	

# Application Data Sheet

## Application Information

Application Type:: Subject Matter:: CD-ROM or CD-R?

Utility None

Regular

Title::

SYSTEMS AND **PROCESSES** 

TO MANAGE MULTIPLE

MODES OF

COMMUNICATION

Attorney Docket Number:: IPVMCP02C1

Request for Non-Publication?:: No 5 Suggested Drawing Figure:: Total Drawing Sheets:: 2 Small Entity:: Yes

### Applicant Information

Applicant Authority type:: Primary Citizenship Country::

Status::

China Full Capacity

Inventor

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Country of mailing address::

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Postal or Zip Code of mailing address::

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# Applicant Information

Applicant Authority type::

Inventor US

Primary Citizenship Country:: Status::

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Postal or Zip Code of

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## Applicant Information

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Postal or Zip Code of

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### Correspondence Information

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.

Atty. Docket No. IPVMCP02C1

# 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:

lpVenture, Inc.

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

Name: Title:

C. Douglass Thomas

Chairman lpVenture, 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

# 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

1

Atty. Docket No. IPVMCP02C1

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

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(Print/Type

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
and to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to resp IPVMCP02C1 Attorney Docket No. UTILITY CHEUNG et al. PATENT APPLICATION First Inventor

PTO TRANSMITTAL SYSTEMS AND PROCESSES TO MANAGE Title EB 592 583 706 US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Commissioner for Patents **APPLICATION ELEMENTS** ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 1. Fee Transmittal Form (e.g., PTO/SB/17) **ACCOMPANYING APPLICATION PARTS** (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. Assignment Papers (cover sheet & document(s)) See 37 CFR 1.27. 3. Specification [Total Pages\_ Both the claims and abstract must start on a new page (For Information on the preferred arrangement, see MPEP 608.01(a)) Name of Assignee 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 5. Oath or Declaration Newly executed (original or copy)

A copy from a prior copy) [Total Sheets Power of 10. 7 37 CFR 3.73(b) Statement (when there is an assignee) Attorney A copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) 11. English Translation Document (if applicable) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) 12. Information Disclosure Statement (PTO/SB/08 or PTO-1449)
Copies of citations attached 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 13. Preliminary Amendment CD-ROM or CD-R in duplicate, large table or 14. Return Receipt Postcard (MPEP 503) Computer Program (Appendix)
Landscape Table on CD (Should be specifically itemized) 15. Certified Copy of Priority Document(s) Nucleotide and/or Amino Acid Sequence Submission (if foreign priority is claimed) (if applicable, items a. - c. are required) Computer Readable Form (CRF) 16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Specification Sequence Listing on: Applicant must attach form PTO/SB/35 or equivalent. CD-ROM or CD-R (2 copies); or 17. Other: Paper c. Statements verifying identity of above copies 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-in-part (CIP) ✓ | Continuation Divisional 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 Correspondence address below Name Address City State Zip Code Country Telephone Email Signature April 14, 2010 Name Registration No. C. Douglass Thomas

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.

32,947

PTO/SB/17 (10-08)

Approved for use through 06/30/2010. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.				Complete if Known				
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).			/	Application Numb	per Una	ssigned	ned	
FEE TRANSMITTAL				iling Date	Her	Herewith		
Fo	r FY 2	009	F	First Named Inve	ntor CHI	EUNG et al.		
			E	Examiner Name Unassigned				
Applicant claims small entity status. See 37 CFR 1.27			21	Art Unit	Una	Unassigned		
TOTAL AMOUNT OF PAYMENT (\$) 655.00			1	Attorney Docket	No. IPV	MCP02C1	P02C1	
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Utility	330	Fee (\$) 165	540	270	220	Fee (\$)		
Design	220	110	100	50	140	70	545.00	
Plant	220	110	330	165	170	85		
Reissue	330	165	540	270	650	325		
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e (Print/Type) C. Douglass Thomas						Date Apri	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)	Atty. Docket No.	IPVMCP02C1
	Application No.:	Unassigned
Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	Herewith
	Group	Unassigned
(Use Several Sheets if Necessary)		Page 1 of 4

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

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Form 1449 (Modified)	Atty. Docket No.	IPVMCP02C1
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Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	Herewith
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(Use Several Sheets if Necessary)		Page 3 of 4

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Examiner	Date Considered	

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

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4	

Examiner	Date Considered	

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 DP
04 FC:2201	110.00 OP

PTO-1556 (5/87)

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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GRP ART FIL FEB REC'D ATTY DOCKET NO 37tici DATE NUMBER UNIT 12/798,995 04/14/2010 2617 655 IPVMCP02C1

**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 \*\*

page 1 of 3

#### Title

Systems and processes to manage multiples modes of communication

#### **Preliminary Class**

455

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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER, ECR PATENTS Per 1450 Alexandra, Yuguni 22313-1450 awx.ccspio.gov

APPLICATION NUMBER 12/798,995

FILING OR 371(C) DATE 04/14/2010

FIRST NAMED APPLICANT Kwok Wai Cheung

ATTY. DOCKET NO./ITTLE 1PVMCP02C1

**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.

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

Request for Corrected Filing Receipt

1 page

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## JUL 2 1 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

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Change the Title:

"Systems and processes to manage multiples 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

Appln. No. 12/798,995

Atty. Docket No. IPVMCP02C1

PAGE 2/5 \* RCVD AT 7/21/2010 8:42:10 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-6/34 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):01-00

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APPLICATION NUMBER	FILING or 371(e) DATE	ORPART	PIL PRE REC'D	ATTY.DOCKET.NO	TOT CLAIMS IN	D CLAIMS
12/798,995	04/14/2010	2617	655	IPVMCP02C1	19	4

CONFIRMATION NO. 3193

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

**FILING RECEIPT** 

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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 05/12/2008 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 06/12/2008 claims benefit of 60/689,686 06/10/2005

Foreign Applications

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

The country code end 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 \*\*

page 1 of 3

PAGE 3/5 \* RCVD AT 7/21/2010 8:42:10 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-6/34 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):01-00

Title

multiple

Systems and processes to manage multiples modes of communication

**Preliminary Class** 

455

#### PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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

CONFIRMATION NO. 3193 CORRECTED FILING RECEIPT

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 \*\*

page 1 of 3

#### 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.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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page 2 of 3

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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#### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCIA United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS PC Box 1450 Alexandra, Vigania 22313-1450

Alexandria, Virginia 22513-1450 www.uspilo.gov

APPLICATION NUMBER 12/798,995

FILING OR 371 C. DATE 04/14/2010

FIRST NAMED APPLICANT Kwok Wai Cheung

ATTY, DOCKET NO./ITTLE 1PVMCP02C1

CONFIRMATION NO. 3193

**PUBLICATION NOTICE** 

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

page 1 of 1

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650-903-9800

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

Examiner	No.	Patent No.	-	Date	Patentee		Class	Sub		Filling
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PAGE 4/4 \* RCVD AT 10/6/2010 7:46:43 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-5/7 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):00-44

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OCT 0 6 2010

# FAX

FROM: C. Douglass Thomas Commissioner for Patents, Ph: 850-903-9200, Mail Stop: Fax: 650-903-9800 DATE: COMPANY: 10/6/2010 United States Patent Office NO. OF PAGES (INCLUDING COVER): FAX NUMBER: 571-273-8300 SENDER'S REFERENCE NUMBER: PHONE NUMBER: IPVMCP02C1 RECIPIENT'S REFERENCE NUMBER: RE: 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.

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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 October 6, 2010.

### 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.

Appla. No. 12/798,995

Atty, Docket No. IPVMCP02C1

PAGE 2/4 \* RCVD AT 10/6/2010 7:46:43 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-5/7 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):00-44

Accordingly, it is believed that no fees are due in connection with the filling 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

Atty. Docket No. IPVMCP02C1

PAGE 3/4 \* RCVD AT 10/6/2010 7:46:43 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-5/7 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):00-44

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

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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.

PAGE 4/36 \* RCVD AT 11/10/2010 7:54:15 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/40 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):10-30

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验水俤

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

**爱明创始名称。 管理多种通讯模式的系统和过程** 

#### 第一次审查意见通知

(进入国家阶段的 POT 申请)

 区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,固寡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. 区中请人要求以其在:

US 专利局的申请日 2005 年 06 月 10 日为优先权日。

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。

□审查是针对下列申请文件进行的。

5. 
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)

語号	文件号或名称	公 开 日 期 (成抵触申请的申请日)
1	US2003/0041048A1	2003 0227
2	US5930700A	19990727

8. 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条规定的不投予专利权的范围。

说明书不符合专利法第38 集第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。

不符合专利法第2条第2款的规定。 不符合专利法第9条第1款的规定。 权利要求

又权利要求 1-5, 10-19, 21-28 不具备专利法第 22 条第 2 款規定的新順性

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文件视为未授文。

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X	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。
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	情不符合专利法第 20 集第 1 鼓的规定。
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	站论性繁见的具体分析见本通知书的正文部分。
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甲押	人应当根限通知书正文部分提出的要求,对申请文件进行修改。
中海	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之处进行修改。否则特不能授予专利权。
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	应注意下列事项。
(1) (2)	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
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问时甲请,	人对专利申请文件进行的修改应当符合专利法实施组则第51条第3款的规定。按照本通知书的要求
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(3)申	请人的意见陈述书和/或修改文本应当邮育或遂交国家知识产权局专利周受理处。凡朱邮客或遵交
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审查员: 汤及光

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联系电话, 010-52414229

條件申號,回通请答。190088 北京市港設区資门標面土城路 6 号 国家知识产权局 息于申课,应当通过电子专利申请系统以电子文件将式提支相关文件。除另有组定外 文件规为未提查。

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PAGE 6/36 \* RCVD AT 11/10/2010 7:54:15 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/40 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):10-30



#### 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额性。

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。并具体按疑了以下特征(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]限,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顾性。

2、权利要求2不具备专利法第二十二条第二款规定的舒频性。

从周权利要求 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:使用者的规则率包括使用者的活动、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、地址是《知道》等之一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",参见是是书第[0028]段章 3 行),因而在其引用的权利要求 1 不具备新额性的基础上,从照权利要求 2 请求保 的技术方式

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級件申请。 國民領害,100088 北京市海淀区省门桥西土城湖 6 号 国家知识产权高电子申请,应台通过电子专利申请系统以电子文件形式提及相关文件。然另有规定9文件和为来提交。

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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]股第 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]股第 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 不具备新额性的基础上,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额性。

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以得到从周权利要求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不具备新颗性的基础上,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。

210402 2010. 2 級幹申请。回顧傳奇,199088 支京市海佐區與门榜西土城路 6号 国家知识产权 电子申请,应当显过电子专利申请系统以电子文件形式据文括关文件。除另有规定外 文件把为朱德文。

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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顺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,泰庭电话,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,移动电线聊天,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、毫无疑义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 不具备新顿性的基础上,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颗性。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 之一不具备新颗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"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例

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股件申請。因屆請書,100088 北京市海波区鎮门桥西土城路 6 号 國家如保产权 电子申请,应引通过电子专利申请系统以电子文件形式接支相关文件。除另有规定 文件程为未提定。

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定义"。对比文件 I 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罐型接收该信息"。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),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 I 至 5 之一不具备新颗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被收到该信息。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",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]股第 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被收到该信息。

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、每用电话设备、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,系统可以避过声音识别、PIN 号码来确定呼叫者身份(参见说明书第[0034]股第 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 之一不具备新颗性或创造性的基础上,从腐权利要求 6 请求保护的技术方案也不具有突出的基础。

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。

210402 级件申请,回员请告。100088 北京市海设区新门桥西土城路 6 号 国家知识产权。 2010.2 电子申请,但当经过电子专利申请系统以电子文件形式通文相关文件。除另有规定外 文件却为未要立。

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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]股第 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(参见说明书系 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 中历起作用相同,均是为规则数据库提供储存空间,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 之一不具备新聚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] 政第 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。包括数据簿在内的网络数据库 308 与使用者 PDA 中的信息自动保持同步(参见说明书第 5 世第 27-38 行,第 6 栏第 21 行)。数据簿提供日历和日程表,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 给出了将该技术特征应用于对比文件 1 以经验,该对 10 的启示。因而在其引用的权利要求 1 至 8 之一不具备新颗性或创造性的基础。从属权利表来,常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,因而不具有通过

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監件申请。回居博客。100085 北京市海应区3(门持西土城路 8 号 国家知识产权 电子申请。应直通过电子专列申请系统以电子文件形式通文相关文件。除另有规定约 文件设计支持交

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# 中华人民共和国国家知识产权局

10、权利要求 10 不具备专利法第二十二条第二款规定的新顺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 之一作了进一少的限定,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。週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]股第 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 之一不具备新额性的基础上,从属权利要求 10 请求保护的技术方案也不具备新额性,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颗性。

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-)1 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[0025]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颗性。

12、权利要求 12 不具备专利法第二十二条第二款规定的新额性。

从属权利要求 12 对权利要求 11 作了进一步的限定。英限定部分的

紅件申请。回過消害。199088 北京市海波区第门特面土城路 5 号 国家知识产权电子申请。应当通过电子专利申请系统以电子文件形式接交相关文件。像另有定定专辑表义未得定。

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一条或多条可配置的规则和/或该信息由接收名通过与一个网站的相互作用配置",对比文件 [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]股第 1-4 行),由说明书附图 ] 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]股第 4-7 行),而通讯网络可以是广域网,例如互联网、万健网或其它在线服务(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 不具备新额性的基础上,从属权利要求 12 请求保护的技术方案也不具备新额性。

13、权利要求 13 不具备专利法第二十二条第二款规定的新额性。

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]股第 1-4 行),且规则库 36 可由使用者设置(参见说明书第[0021]股第 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 不具备新硕性的基础上,从属权利要求 13 请求保护的技术方案也不具备新顾性。

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 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《欧州古伊》、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。简件、定时声音等的自动呼叫使用者等通讯方式(参见说明书表 1 和附图 3 ),可见该附加拉着特征也是对比如何

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延件申请,回题请费。100088 北京市海位区额门桥首土城路 8 号 国家知识产权规程子申请,应当通过电子专利申请系统以电子支件形式提及相关文件。能另有规定文件权为未提及。

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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政多条可配置的规则。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] 投第 47 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、自勒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 不具备新测性的基础上,从属权利要求 16 请求保护的技术方案也不具备新测性。

17、权利要求 17 不具备专利法第二十二条第二款规定的新顺性。

从周权利要求 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 不具备新期性的基础上。从周权利要求 17 请求保护的技术方案也不具备新颗性。

18、权利要求 18 不具备专利法第二十二条第二款规定的新颗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转征为"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,用办公司按照通常,实施电话机打的电话。用移动电话发送的 SMS 信息,用 PDA 发的 SMS 信息,常移动电话发展设施。 信息,用 PDA 发的传呼信息,在战聊天,带或不带有即时提醒的声音解释,办公司等更多。

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級件學演。如語傳書,100058 北京市海流伝統门格西土城路 6 号 国流知识产权信息于中语。应当通过电子专利申请系统以电子支持系统受相关文件。除另有规定外文件极为未提交。

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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]股第 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]股第 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 不具备新顺性的基础上,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顺性。

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 不具备新额性的基础上,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。用办公电话撬的电话。 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 SMS 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额性。

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 47 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 不具备新额性的基础上,从属权利要求 19 请求保护的技术方案也不具备新额性。

20、权利要求 20 不具备专利法第二十二条第三數规定的创造性。

从属权利要求 20 对权利要求 11 作了进一步的限定,其限定部分的附近直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",对于 讯管理系统和方法,并具体被露了以下技术特征,呼叫者的优先级可以根

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軟件申请,四面课者。100088 北京市海近区前门村西土城市 6 号 国家知识产权重电子申请。应当进过电子专利申请系统以电子文件形式投交相关文件。除另有规定》文件积为未提交。

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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 不具备新顾性的基础上,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 绝性。

21、权利要求 21 不具备专利法第二十二条第二款规定的新願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]股第 1-4 行、表 1),规则率 36 可由使用者设置(参见说明书第[0021]股第 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。包括过滤该流入通讯请求能够改向到另一种较小打扰的通讯类型。由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 不具备新限性的基础上,从属权利要求 21 请求保护的技术方案也不具备新题性。

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,这是本领域的战器的最后,是而当时加技术特征为"上述确定适宜的通讯类型,包括过滤该统入通讯调度的由此差于所述或多条可配置的规则以及请求者的能取得联系的优先级,该流入通讯请求税益。"时间

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集件申请,回函销售。100088 北京市海波区前门销西土城路 8 号 国家知识产权是电子申请,应当进过电子专利申请系统以电子文件现式经交相关文件。除另有规定为文件机为未提文。

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接收的

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其引用的权利要求 11 不具备新颗性的基础上,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超宣的通讯类型的通讯会话中",对比文件!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、各用电话设备、无线信息设备、或转移给个人助理并以即时清息的方式转发给使用者等(多见说明书第[0029]股第 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 之一不具备新顾性的基础上。从属权利要求 22 请求保护的技术方案也不具备新颗性;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顺性。

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 对该週讯请求进行操作(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、各用电话设备、无线信息设备、或转移给个人助理并以即时消息的方式转换,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等的是一种成立式 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 20);

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级传申请,四岛演者。100086 北京市施立区的门梯西土城路 6 号 国家知识产权局 电子申请,应当通过电子专判申请系统以电子文件形式微变相关文件。除另有规定外 文件视为未提文。

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(d) 执行上述决定中所选择的通讯模式(相当于"自动将该洗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额性。

24、权利要求 24 不具备专利法第二十二条第二款规定的新额性。

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也已被对比文件 1 所公开。因而在其引用的权利要求 23 不具备新颗性的基础上,从属权利要求 24 请求保护的技术方案也不具备新颗性。

25、权利要求 25 不具备专利法第二十二条第二款规定的新额性。

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(多见说明书表 1、附留 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 25 请求保护的技术方案也不具备新颗性。

26、权利要求 26 不具备专利法第二十二条第二款规定的新顺性。

从黑权利要求 26 对权利要求 24 或 25 作了进一步的限定, 其限定部分的附属性人类征为" 定温讯处理标准取决于至少一个可配置的规则, 而且其中, 该至少一个了整个的规则的原 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, 请求者也 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家信息。

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條件申请。因面谓者,100088 北京市港設区資门桥西土城路 6 号 国家如识产权是 电子申请,应当通过电子专利申请系统以电子女件应支捷互相关文件。除另有规定的 文件视为未提立。

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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]股第 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 不具备新颗性的基础上, 从属权利要求 26 请求保护的技术方案也不具备新颗性。

27、权利要求 27 不具备专利法第二十二条第二款规定的新额性。

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 不具备新颗性的差础上,从属权利要求 27 请求保护的技术方案也不具备新颗性。

28、权利要求 28 不具备专利法第二十二条第二款规定的新额性。

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 接收者通过与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]股第 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[0026]股第 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]股第 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 之一不具备新额性的基础上,从属权利要求 28 请求保护的技术方案 也不具备新额性。

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,使用者的通常设置。 2 章 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"等。见说明书第6501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恶者设置。相当子等。

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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]股號 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 I(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]股第 2-12 行,第[0034]股第 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]股第 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、稳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、各用电话设备、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,自动把该统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。被转移到使用者的各用电话时,尽管他们之问建立了通话,但呼叫者可以不知道该各用电话的号码,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使用技术手段。在对比文件 1 的基础上结合本领域的使用技术手段。在对比文件 1 的基础上结合本领域的使用技术手段。在对比文件 1 的基础上结合本领域的使用技术手段。在对比文件 1 的基础上结合本领域的使用技术手段。在对比文件 1 的基础上结合本领域的使用技术手段。 在对比文件 1 的基础上结合本领域的使用技术手段。 在对比文件 1 的基础上结合本领域的使用技术手段。 在对比文件 1 的基础上结合本领域的使用技术手段。 在对比文件 1 的基础上结合本领域的使用技术方案。 对本领域技术人员来说是显而是允许。 因而不是各创资本,

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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,例如呼叫转移到各用电话设备(相当于"该地址是接收者的一个电话号码",参见说明书第[0029] 股第 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。

从周权利要求 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 P 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。从周权利要求 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 零的进步,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发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:336582

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報件申请。因循環等。100088 北京市海皮区到门榜四土线路 5 号 国家知识产权。 电子申请,应当接过电子号利申请系统以电子文件形式建设相关文件。除到有规定 文件视为未提文。

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陈粹

发文目:

2010年10月25日

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2010. 2

银件审读。但品读者:100088 北京市海流区到门桥西北流路 6 号,周京知识产业、成者和海域、 电子审读。应当通过电子专利申请系统以电子文件形式经交信关文件、除另有规定外,以级件每其他形式接至的 文件规为来据交。

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□权利要求	
□枚利要求	
□权利要求	不具备专利法第 22 条第 2 款规定的新颖性。
	32 不具备专利法第 22 張爾 3 歡與定的创造性。
	不具备专利法算 22 条第 1 款规定的实用性。
□权利要求	属了专利法第 25 条规定的不接下专利权的范围。
□权利要求	不符合专利按第 26 暴黨 4 歌的双走。
□权利妥求	不符合专制法第 31 条第 1 款的规定。
□权利要求	的條改不符合专利法第 33 备的规定。
□权利要求	不符合专利法实施细则第19条的规定。
□权利要求	不符合专利法实施编则第 20 套的规定。
□权利滥业	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。
	法第20条第1款的规定。
□分案申请不符合	专利法实施钥则第 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 基于上述结论性型	. 中蛮贯认为:
□申请人应当被照	<b>遇知书正文部分提出的智家,对申请文件进行修改。</b>
一申请人应当在堂	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
	女, 否则将不能授予专利权。
○ 令利申请中没有 将被驳回。	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
M MAKES.	
7. 甲谓人应注意下列	NIATO.
(1) 機構专利	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,如是申请人
10 days 2000 0 day 2001 5 miles	9. 其中语将被视为檄回。
	其申请的接政应当符合专利法第 33 条的规定,不得超出原说明书和权利要求书记载的范
	利申消文件进行的修改应当符合专利法实施细则第 51 条第 3 故的规定,按照本通知书的
要求进行修改。	
(3) 申请人的 交给受理处的文件不	意见陈述书利/取修改文本应当即署或通交国家知识产权局专利局受避处。凡未即寄或通 5.具备法律效力。
(4) 未经预的	,中铺人和/或代理人不得前来度取知识产权同与审查员举行会晤。
	分共有 12 页, 非附有下列附件。
	的复印件共 份 以。
	72.00
-	

**中省员、汤层光** 

联系电话, 010-82246081

级弊申请。回高语奇,100048 北京市海淀区前门桥西土城县6号。国保知识严权局专称。在中世 电子申请。应当通过电子专利申请系统以电子文件形式图文相关文件。除另有规定外,以账件采其他形式图文的 文件投为朱捷交。

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#### 第二次审查意见通知书

申请号:2006800279649

申傳人于 2010 年 7 月 26 目堤交了歌见陈述书和绘过修改的申请文件,申查员在阅读了上述文件局。对本案继续进行申查,再次提出如下申查意见。

(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 消狀保护一种管理使用者的通讯的计算转置。对比文件 1 (182003/0041048A1) 公开了。 种通讯管理系统和方法。并具体披露了以下特征(表见说明书第[0027]股和[0036]股、附图 3)。该通讯是签 于某个人正试图用电子平数给使用者发送信息。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. 建實用來识別该人身份的机构 (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] 股第 1~2 行。附图 3)。

模块 350 和 360. 包置使用规则, 并鉴于使用者状态、该人的能收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坡网。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可如、呼叫者可以通过电子邮箱地址来发出呼叫(相当于"该信息摆予互联网协议通过一个网站用电子子投来发达")。

权利要来 1 情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操收到该信息,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整要,并具体按摩丁以下技术特征。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,提打电话与外界通讯时,接收方的来电显示不会显示线打方的原始电话号码,以保障投打力的个人隐私(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前接联系该人",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从是一项,仅知途被通讯代码的特定人上,能够利用电话用户形式上的通讯电话号码,即速被通讯代码与从是一项,仅知途被通讯代码的特定人上,能够利用电话用户形式上的通讯电话号码,即速被通讯代码与从是一项,仅知途被通讯代码的特定人上,能够利用电话用户形式上的通讯电话号码,即速被通讯代码与从是一项,仅知途被通讯代码的特定人工,能够利用电话用户形式上的通讯电话号码,即速被通讯代码与从图域和服务系统直接联系使用者",多见说明书第 4 页侧数第 5 行至第 5 页第 2 行 ),是上述技术特色上对比之一、和本面景的转承,更知识是一种一种,多见说明书第 4 页侧数第 5 行至第 5 页第 2 行 ),是上述技术特色上对比之一个和本面景的

210403 纸件申请,回函请寄,100088 北京市海设区新门榜监土城路 8号 (闽家知识产权风专利)。 2010.2 电子申请。应通通过电子专利序请系统以电子文件形式提文柏关文件、除另有规定外。以操件等其他形式提文的 文件机为表提文。



#### 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 给出了将上还技术特征应用于对比文件 1 以解决其技术问题的点示。尽管对比文件 3 中的采用的是遮蔽通讯服务系统。防止数打方/用户不通过该系统直接联系用户/数打方,然而对本领域技术人员来说。当通讯信息是属于对比文件 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填于网站形式而设置、成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。对于本模域技术人员来说是是而甚更。因此权利要求 1 不具有突出的变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 作了进一步的设定。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) 数第 9-11 行)。使用者的状态由使用者的日程表、地址海、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) 股第 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 也不具备创造性的基础上,从属权利要求 2 也不具备创造性。
- 3、从屬权利要求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:規则库36由使用者定义(参见说明书第[0021]股第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]股第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不具备创造性的逐础上。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创造性;

此外,对比文件 2(Lissipaoroon)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 查根据对呼叫看呼叫的答复情况来更新读呼叫者的优先级 (参见说明书第 12 栏第 65 67 行,附图 12B),因 前。"读人的能取得联系的优先级取决于使用名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 爱的操作,也就是使对比文件 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 以及本模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各对该人以前信息的反应而设置"时的技术方案,对本领域 技术人员来说是最而易见的,因而在其引用的权利要求 1 改 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各对该人以前信息的反应而设置"时的技术方案也不具有实 出的实质性特点和最著的进步, 因而不具备创造性。

1、从周权利要求 4 对权利要求 1 至 3 之。作了进一步的限定。对比文件 1 还公司以下技术特 者利用键盘、声话或其它方式输入数据设置呼叫优先级,但低低等、中等、正常、海绵、 起的紧急程度由该人设置",参见说明书第10034]决策 8-7,10-11 行)。因而、在1 可用的区利等或

> 组件申请。 四面情音,100088 北京市海波区前门桥西土城路 8 号 国家知识产权局专利西京等长 电子申请。应当通过电子专制申请系统以电子文件形式接交相关文件、除另有规定外,以银件等其他形式提立的文件视为未经交。



"不具备创造性的基础上,从属权利要求。也不具备创造性。

- 6、从属权利要求 8 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 停(相当于"使用者通过一个手持装管接收该信息"。参见说明书第[0014] 政第 5-10 行),包含了使用者的状态的规则摩可以由使用者设置(参见说明书第[0021] 政第 13-14 行,第[0026] 政第 1-4 行)。而对本领域技术人员来说。直接使用该手特数增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,从减权利要求 6 也不具备创造性。
- 7、从据权利要求 7 对权利要求 : 至 6 之一作了进一步的限定。对比文件 | 公开了以下技术特征。通讯系统的通讯网络可以是广城网,例如互联网、万城网或其它在线服务 ( 多见设明书录: 0015] 股第 15-18 行)。且由表 1 可如,呼叫者可以通过电子邮箱地址来发出呼叫( 4 当于"该信息基于互联网协议通过一个网站用电子更决发送");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抛弃于使用者的 PM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,成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,均是为规则数据库提供储存空间,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 之一不具备则遗性的基础上,从周权利要求 7 也不具备创造性。
- 8、从属权利餐求 8 对权利要求 1 至 7 之一作了进一步的限定。对比义作 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,领如互联网、万统网或其它在线服务(参见说明书第[0015]股第 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"该信息就于互联网位及证据是 1000 电子子程来发送")。对比文作 2 还公开了以下技术特征,包括数据统在内的网络数据 2000与使用者 PILE 的信息自动保持同步(参见说明书第 6 栏第 27-38 行。第 6 栏第 21 行)。数据网提供区面和日报 的会品后来 排使用者对呼叫者进行具体操作(参见说明书第 9 栏第 20-28 行。附图 9)。(相如于"海风拉瀑东京市的

2010.2 超音時期,因音時時,190038 北京市海流区部门特徵土城路 6 号,颁求组织产权 6 专利海路 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,以组件等其他形式提交的文件机为未经交。



电子目前。而且、整子该目形的信息自动设置使用者与该人的约会")。且其在权利要求多和对比文件2中所 起作用相同。均是将电子目所保存于网站。为电子目历提供储存空间。并为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搭配上。从属权利要求8也不具备创造性。

10. 权利要求 10 请求保护一种基于网络人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。其基于网络人口(参见说明书第[0015]股)。并具体披露了以下特征(参见说明书第[0034] 段 10-11 行、表 1、附图 3)。该方法包括。

野叫者呼叫使用者,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"接收來自一个语 求者的第一通讯类型的统入通讯请求"。见说明书第[0034] 成第 10-11 行)。

通过访问使用者定义的线制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、使用含的 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] 取第 4-7 行。第[0026] 政第 1-4 行。附图 37:

差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遗讯类型"。见说明书表: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,从而避免请求者未绝基于网络入口直接发送消息给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,从而避免接收者未绝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 (CN 1453%H1A) 公开了一种电话通讯方法及整置,并具体披露了以下技术特征:通讯过程中利用了递载通讯服务系统,当设定以虚似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虚版,拨打电话与外界通讯时,被收方的套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通知,是是有效者并不了解请求者的接触信息,从而避免接收者未经建数通讯服务直接发送消息给请求者,参见设明书第一页第18-21 行、附图 1),电话用户设定开启速被通讯服务可能发送消息给请求者,参见设明书第一页第18-21 行、附图 1),电话用户设定开启速被通讯服务功能时,电话用户系开放以逐步通讯作业分外界通讯仅知路被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,即速度通讯行程度中部户,保

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鼓性申请,回店债务,100080 北京市海波区前门桥西土城路 6 号 国家知识产权局等和海边域域 电子申请,因当通过电子专利申请系统以电子文件形式接叉相关文件。除另有规定外,以纸件等其他形式捏变的 文件和为未接互。



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持通讯,以增进电话用户的个人隐私(相当于"尽管模败者可以核收消息,但是语求者并不了解接收者的核 随信息,从而避免请求者未经遮蔽通讯服务系统直接发送消息给核收者"。参见说明书第4页例数第5行至第 5页第2行),且上述技术特征在对比文件3种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 用了和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中的采用的是这底通讯服务系统。防止拨行为/用户不通过该系统直接联系用户/极行方。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,都对比文件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/榜收者未经避于网络入口直接发运消息给接收者/消求者。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平仅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最而易见,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

11、从属权利要求 11 对权利要求 10 作了进一步的规定。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。呼叫优先数、使用者的状态和位置等信息和规则(参见战明书第[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] 股第 4-7 行)。而通讯网络可以是广境网,例如互联网、万维网或其它在线服务(参见说明书第[0015] 段第 15·16 行)。(相当于"所述一集或多条可配置的规则和/或该信息由接收者通过与一个两妨的相互作用配官")。因而在其引用的权利要求 10 不具备创造性的基础上,从版权利要求 11 也不具备创造性。

12. 从属权利要求 12 对权利要求 10 作了进一步的规定,对比文件 1 还公升了以下技术特征。规则库 36 包含了呼叫客身份、呼叫优先级、使用者的状态和位置等信息和规则(参见说明书集(0026)政第 1-4 行)。且规则库 36 可由使用者设置(参见说明书第(0021)政第 4-7 行)。(相当于"其中一条液多条可配置的规则和/ 应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. 从屬权利要求 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 比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严音部件和侍呼信息(相当于"适宜的通讯 类型与第一通讯类型不同"。参见说明节表 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 [ 压公开了 ] 者的状态 ( 转见说明书附图 9 模块 340 ),规则库 36 可由使用者设置 ( 每见说明书第2621 ] 另于规则库中的规则、呼叫优先级和使用者状态。决定则此呼叫请求采取适当的责任。如常为严价的秩, 白动呼叫使用者等通讯方式 ( 每见说明书表 ) 和附图 3 )。 ( 相当于 " 五方字)

经件申请,回通请商、100088 北京市海设区前门桥西土城路 6 号 国家知识产权局专利的基本处理 电子申请。应当通过电子专利申请承望以电子文件形式提及相关文体。除另有规定外。以纸件等其他形式提文的 文件投为未提交。



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者的状态,而且。其中上述确定步骤执行用以基于所述一条数多条可能型的规则。请求者的能取得联系的优先数以及接收者的状态。确定该流入通讯请求的适宜通讯类型"。),因而允其引用的权利要求 10 不具备创造性的基础上,从周权利要求 14 也不具备创造性。

15、从風权利要求 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(参见说明书解图 3 模块 320),规则库 36 可由使用者设置(参见说明书第10021] 股第 4-7 行)。 基于规则库中的规则、呼叫优先级、换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。如常规声音哪件、定制声升邮件、自动呼叫使用者等通讯方式(参见使明·4表 1 和附图 3)。(相当于"上述为法还包括确定该流入通讯资求的紧急等级,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量的规则、请求者的能取得联系的优先级、接收者的状态和联流入通讯资求的紧急等级。确定该流入通讯资求的紧急等级。确定该流入通讯资求的适宜通讯类型")。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。

16、从周权利要求 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(参见说明书阶图)模块 320 >>,规则库 36 可的使用者设置(参见说明书第[0021] 股第 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、定制产台邮件、自动呼叫使用者等通讯方式(参见说明书表 1 和附用 3 >> (相当于"上述方法进一步包括确定调流人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派人通讯请求的紧急等级。确定该流入通讯请求的通讯类型"。)。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 16 也不具备创造性。

17. 从旗权利要求 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、PIM、网络电话、传点等 (多见说明书第[0011] 股第 5 15 行),使用者对呼叫来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 (多见说明书第[0037] 股第 1-6 行);除此之外,用移动电话打的电话。用办公电话载的电话。家庭电话机打的电话,用移动电话发送的 SMS 信息、用 PIM 发的 SMS 信息、用 PIM 发的 SMS 信息、 RPIM 发的 SMS 信息、 在线聊天,带或不带有即时捣碓的严备邮件、 办公室传真、 家庭传真等通讯类型也是本领域常用的递讯类型, 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 10 不具备创造性。

领养申请。回募请者。190088 北京市网络区部门村西土城路 6 号。 国家知识产权局专利。 电子申请、应当通过电子专制申请系统以电子文件形式援交相关文件。除务有规定外。以纸件等其处形式提交文件设为未提交。



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電的規则,以及影子一个或多个以下因素。该流入通讯请求的时间。有关接收者当的活动的一条信息,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 验上,从周权利要求 18 也不具备创造性。

19、屬权利要求 19 对权利吸收 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各对该呼叫者此次呼叫请求的管复情况而实现更新(参见模型书算 12 程第 65-47 行。辨图 128),由对权利要求 10 的评述可知,据于呼叫者的优先级确定适宜的通讯类型,因此,对于核呼叫者下一次的呼叫请求,便可以至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"运查通讯类型的确定步骤通过华习更加智能地识制适宜的通讯类型"),从其在权利要求 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。使于使用者的操作,也就是说对比文件 2 给出了将上述技术等征应用于对比文件 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最而易见的,因而在找引用的权利要求 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 看身份未知,则无俗何种呼叫优先级、何种使用者状态和位置、何种时间,对此呼叫情求采取的操作均为常 搜声音幅件(相当于"上述简定适宜的通讯类型,包括过能喷流入通讯请求"。参见说明书第[0030]段第1.4 行、表 1); 规则序 36 可由使用者设置(参见说明书第[0021]政第 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愿宽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别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。

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为 开了一种计算机执行的通讯管理系统和方法。其基于网络入门(参见说明书第[0 特部(参见说明书第[0029]段第 2-12 行。第[0034]段第 10-11 行。表 1、附图 8

> 组件申请、阅阅读者。100088 北京市海淀区剪门研题土城路 5 号 国家如识产权局参考。 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、以纸件等其他形式建交的文件积为未提交。



- (a) 呼叫者呼叫使用者。且呼叫者可以使用健康、声音等從電此次呼叫的优先級(相当于"接收指向後收着的流入週刊清爽"。见说明书第10034]段第 10-11 行);
- (h) 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"鉴了该流入通讯调求,确定适用于处理指向该接收者的通讯增求时使用的预定通讯处理 标准"。见说明书附图 3 构块 350):
- (c) 根据规则库中的规则,决定采取何种通讯类型,例如声音部件。政物呼叫转移到管理助于。各用电话设备、无规信息设备、或转移给个人助理并以即时消息的方式转发给使用省等(相当于"基于该预定遵讯处理标准,确定是否及如何把该推入通讯请求转移到多个通讯模式中的一个特定通讯模式"。多见说明书第[0029]展第 2-12 行、附出 3 模块 360);
- (d) 执行上途决定中所选择的週讯模式(相当于"自动将该流入通讯请求特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,但是请求会并不 了解提收者的榜越信息。从而避免资策者未经基于网络入口直接发送消息给提收者。并且/或者尽管接收者可 以後收消息。但是接收者并不了解讀求者的慈熙信息,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能私。对比文件 3(CN1453981A)公开了一种电话通讯 方法及装置,并具体被露了以下技术物征,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。没打电话与外界通讯时,接收方的来电量示不会显 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清息,但是接收者并不 了解诸求者的接触信息,从而避免核收者未能遮蔽通讯服务而恢发送消息给请求者"。 参见说明书第 2 页第 18-21 行、附图 1),电话用户设定开启建蔽通讯服务功能时,电话用户系开放以遮蔽通讯代码与外界通讯。 仅知题被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"尽管核故者可以接收消息,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衔接收者"。 参见说明书第 4 页函数第 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 出了杨上还技术特征应用于对比文件 )以解决其技术问题的启示。尽管对比文件 3 中的采用的是建版通讯服 务系统,防止控打方/用户不通过该系统直接联系用户/按打方,然而对本领域较为 对比文件(所公开的网络入口时、特对比文件》中的遮蔽通讯服务系统直接设置 从而避免请求者/核收者未经整于网络入口直接发送清息给接收者/请求者,这也 对比文件:的基础上结合对比文件 3 以及本领域的惯用技术不晚以得到该权利要



于本领域技术人员来说是显而易见。因此权利规求 22 不具有突出的实质性特点和显著的进程。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 还公厅了以下技术特征。规则库 38 包含了呼叫者身份、呼叫优先级、使用名的收添和位置等信息和规则(要见说明书第[0026]股第 1-4 行)。且规则库 38 可由使用客设置(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]股第 1-7 行),梁取的通讯类型可以是将呼叫转移到管理助手、各用电话设备、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"多个运讯模式至少包括三种通讯模式"。参见说明书第[0029] 股第 2-12 行)。因而在其引用的权利要求 22 不具备创造性的器能上,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现多个, 板架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现多个, 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、从周权利要求 25 对权利要求 23 政 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。基于规则库中上建固聚中的一个或多个。模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型的规则,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。该统入通讯情求的时间。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、摄收者的状态。该统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] 政第 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,从周权利要求 25 也不具备创造性。

26、从属权利要求 26 对权利要求 23 件了进一步的限定,对比文件 1 还公开了以下技术特征, 模块 340 中, 模據使用者的日釋要、时间、位置等状态信息确定使用者优先級, 进而决定采取通讯的类型(相当于"预证通讯处理标准取决于接收者的优先级股票", 参见说明书辑[0035] 政第 7-19 行、附例 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。

210403 经件申请,回请请委。100089 北京市海淀区套门桥西土城路 6号 国家知识产权局专引。 包子申请、应当通过电子专利申请系统以电子文件形式模支徵关文件。除为有规定外,以抵件非其他形式模立的 文件权为未模文。

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地上,从周权利要求 27 也不具备创造性。

28、从属权利要求 28 对权利要求 21 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]股第 5-7 行 3. 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]股第 13-14 行,第[0026]股第 1-4 行 3. 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,因而在其分用的权利要求 23 至 27 之一不具备创造性的基础上。从其权利要求 28 也不具备创造性。

29、权利要求 29 请求保护 "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。对比文作 1 公 环丁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]段至 2-12 行。第[0034]段第[0-11 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数、声音转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):
- (h) 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"套于该流入通讯请求,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 360)。
- (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。 薪子规则库中上述因读中的一个成多个。根据规则库中的规则决定采取通讯的类型。例如声音叫件,成将呼叫转移到管理助争、各用电话设备、无能信息设备、成料移价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楼收者楼收请求的一个地址"。"请求者已与楼收者通过楼收者的地址建立通讯联系"。 卷见说明书第(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。被转移到使用者的各用电话时,尽管他们之间建 立了通话,但呼叫者可以不知道该各用电话的号码。使用者也可以设置不告知呼叫者该各用电话的号码,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使用技术手段以 特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最而易见的,因此权力。 从本有数据的重要的,对本领域技术人员来说是最而易见的,因此权力。

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 33 根 意采取通讯的类型,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

> 紙件申请。回函编码: 100088 北京市海迎医第门桥西土城路 6 号 國家奴隶产权局专利。 100088 北京市海迎医第二人 电子申请。应当感过电子专利申请系统以电子文体形式接文相关文件。除另有规定外,以线件等其他形式接文的文件现为未提文。



第[0029] 股第 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。由说明书数 1 可知,呼叫者可以通过 1P 地址、电话号码、电子邮件等发送通讯调求,非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是送该流入通讯请求,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] 股第 1-5 行 3、此外,对比文件 3 公开了一种电话通讯方法及装置,并具体疾露了以下技术特征。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速度,数打电话与外界通讯时,接收方的来电显示不会显示数打力的原始电话号码。以保障拨打力的个人膨和(相当于"讲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 公汇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,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 也不具有完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(参见说明书签 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 均没有数导或部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援触信息,从而避免呼叫者未经基于网络人口直接发感消息给用户,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人口直接发透消息给呼叫者。因而将上途技术特征加入填独立权利要求 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。

审查虽对此特不同意见:

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营先,对比文件 3 公开了上述特征,且作用和在本申请中相同,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" 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。当呼叫者歌叫

> 软件申请,回信请奇,100088 北京市海淀区育门特西土织器 5 年 国家知识产权局专利申请证券包 电子申请,应当通过电子专利申请系统以电子文件形式提文相关文件。除另有规定外,以数件等其他形式模型的 文件把为未提文。

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#### 中华人民共和国国家知识产权局

市授粹至某一固定电话。而且通常情况下呼叫者是不知应该固定电话的号码的。这是本领域的惯用技术干段;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 等模多现有技术中有过记载(例如,公开目为 1999 年 12 月 15 日的 (N1238636A、公开日为 2004 年 2 月 1) 目的 682391750A 等),呼叫者可以隐藏自己的实际号码与别人进行通信联系,以保证除私,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投予专 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,本申请将被驳倒。

审查员姓名:扬展光

纸件申请。回码请告,100088 北京市河空区第门桥面土城路 8 号。国家知识产权局专利,至于大 电子申请。应当通过电子专判申请系统以电子文件形式提交相关文件。除另有规定外,以批件等英格形式提交 文件规为未揭交。

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#### espacenet — Bibliographic data

#### Shielding communication method for telephone subscribers and its service method

Publication number: CN1453981 (A) 2003-11-05

Also published as: 国 CN100420258 (C)

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WEI ZONGXING [CN] +

Inventor(s): Applicant(s):

WEI ZONGXING [CN] +

Classifications - International:

H04M3/42; H04M3/42; (IPC1-

7): H04M3/42

- Europeani

Application number: CN20021018563 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 evolded and more private matters are ensured in order to raise living quality of the phone user.

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http://v3.espacenet.com/publicationDetails/biblio?DB=E... 11/10/2010 PAGE 36/36 \* RCVD AT 11/10/2010 7:54:15 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/40 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):10-30

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# FAX

TO: FROM: Commissioner for Patents, Peter P. Tong Mall Stop: Ph: 650-903-9200, x102 Fax: 650-903-9800 COMPANY: DATE: United States Patent Office 11/10/2010 FAX NUMBER: NO. OF PAGES (INCLUDING COVER): 571-273-8300 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

Coples 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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PAGE 1/36 \* RCVD AT 11/10/2010 7:54:15 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/40 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):10-30

#### NOV 1 0 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

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

e: Angela D. Nijim

#### 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.

Appln. No. 12/798,995

Arty. Docket No. IPVMCP02C1

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Accordingly, it is believed that no fees are due in connection with the filling 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

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

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 IPVENTURE, INC. 5150 EL CAMINO REAL			EXAMINER	
		DOAN, KIET M		
SUITE A-22 LOS ALTOS, O	CA 94022		ART UNIT PAPER NUMBER	
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			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.

		Application No.	Applicant(s)	
		12/798,995	CHEUNG ET AL.	
Office Action Summary	ffice Action Summary	Examiner	Art Unit	
		KIET DOAN	2617	
	MAILING DATE of this communication	appears on the cover sheet v	with the correspondence addres	s
Period for Rep	The automorphism of the contract of the con-	DI WIO DET TO EVOIDE AND	ACKITUO) OF TURTY (00) F	
WHICHEVE - Extensions of after SIX (6) If NO period if Failure to rep Any reply rec	NED STATUTORY PERIOD FOR REL ER IS LONGER, FROM THE MAILING fime may be available under the provisions of 37 CFR MONTHS from the mailing date of this communication, or reply is specified above, the maximum statutory per by within the set or extended period for reply will, by state sived by the Office later than three months after the mattern adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUN 1.136(a). In no event, however, may a lood will apply and will expire SIX (6) MO flute, cause the application to become A	ICATION.  reply be timely filed  NTHS from the mailing date of this community (SANDONED (35 U.S.C. § 133)	
Status				
1) Resp	onsive to communication(s) filed on 14	1 April 2010.		
		his action is non-final.		
3)☐ Since	this application is in condition for allow	wance except for formal ma	tters, prosecution as to the me	rits is
close	d in accordance with the practice unde	er Ex parte Quayle, 1935 C.	D. 11, 453 O.G. 213.	
Disposition of	Claims			
4)⊠ Claim	n(s) 1-17,19 and 20 is/are pending in the	ne application.		
	f the above claim(s) is/are without			
5) Claim	(s) is/are allowed.			
6) Claim	(s) 1-17,19 and 20 is/are rejected.			
7) Claim	n(s)is/are objected to.			
8)☐ Claim	(s) are subject to restriction and	d/or election requirement.		
Application Pa	pers			
9)☐ The s	pecification is objected to by the Exam	iner.		
A CONTRACTOR OF THE PERSON OF	rawing(s) filed on 14 April 2010 is/are:		ected to by the Examiner.	
Applic	ant may not request that any objection to t	he drawing(s) be held in abeya	ince. See 37 CFR 1.85(a).	
Repla	cement drawing sheet(s) including the corn	ection is required if the drawing	g(s) is objected to. See 37 CFR 1.	.121(d).
11)☐ The o	ath or declaration is objected to by the	Examiner. Note the attached	ed Office Action or form PTO-1	52.
Priority under	35 U.S.C. § 119			
12) Ackno	wledgment is made of a claim for fore	ign priority under 35 U.S.C.	§ 119(a)-(d) or (f).	
a) All	b) Some * c) None of:			
1.	Certified copies of the priority docume	ents have been received.		
2. Certified copies of the priority documents have been received in Application No				
3.	Copies of the certified copies of the p		n received in this National Stag	je
1.0	application from the International Bur		N. T. Y. C.	
* See the	e attached detailed Office action for a	list of the certified copies no	t received.	
Attachment(s)	est users seen		5	
	ferences Cited (PTO-892) aftsperson's Patent Drawing Review (PTO-948)		Summary (PTO-413) (s)/Mail Date.	
3) X Information I	Disclosure Statement(s) (PTO/SB/08)	5) Notice of	Informal Patent Application	
Paper No(s)	Mail Date <u>11/10/2010; 10/06/2010 and 04/14/20</u>	010. 6) Other:		

U.S. Patent and Trademark Office PTOL-326 (Rev. 08-06)

Office Action Summary

Part of Paper No./Mail Date 20110406

Art Unit: 2617

#### **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.

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#### 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 is 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 no-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).

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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 amendment claims 1-17 and 19-20 by adding "A **non-transitory** computer-implement ..." in order to over come 101 rejections. Appropriate correction is require

#### 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 reasonable interpreted as subscriber with mobile phone, communication device and/or PDA"

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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

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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

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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).

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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

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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 negatived 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

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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

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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

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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).

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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

#### Applicant(s)/Patent Under Application/Control No. Reexamination 12/798,995 CHEUNG ET AL. Notice of References Cited Art Unit Examiner Page 1 of 1 KIET DOAN 2617 U.S. PATENT DOCUMENTS Document Number Date Name Classification Country Code-Number-Kind Code MM-YYYY US-5,930,700 A 07-1999 Pepper et al. 455/435.3 US-2003/0191814 A1 10-2003 709/217 Tran, Luu B US-2003/0112948 A1 06-2003 Brown et al. 379/207.04 C D US-US-E US-F US-G US-H US-US-K US-US-US-M FOREIGN PATENT DOCUMENTS Document Number Date Country Name Classification Country Code-Number-Kind Code MM-YYYY N 0 P Q R S NON-PATENT DOCUMENTS Include as applicable, Author, Title Date, Publisher, Edition or Volume, Perlinent Pages)

\*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.

U.S. Palent and Trademark Office PTQ-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20110406

5.45 T. S. 1987	Application/Control No.	Applicant(s)/Patent Under Reexamination
Index of Claims	12798995	CHEUNG ET AL.
	Examiner	Art Unit
	KIET DOAN	2617

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# Search Notes

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

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Class	Subclass	Date	Examiner		
		4/7/2011			
455	414		KD		
455 709 379	217	114	KD		
379	207.04		KD		

SEARCH NOTES				
Search Notes	Date	Examiner		
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IPVMCP02C1 Atty. Docket No. Form 1449 (Modified) 12/798,995 Application No.: CHEUNG at al. Applicant Information Disclosure April 14, 2010 Filing Date Statement By Applicant 2617 Group Page 1 of 1 (Use Several Sheets if Necessary) U.S. Patent Documents Patentee Class Sub-Filling Date Examiner No. Patent No. Date class Initial 7K.D./ 6,788,766 Sep. -04 Logan 1. 7,376,434 May -08 Thomas et al. 2. /K.D./ 3. 7,403,972 Jul. -08 Lau et al. /K.D./ 4. 5. 6. 7. 8. 9. 10. Foreign Documents Translation Subclass Yes No Class Document No. Date Country Inlt. Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) A В C D E G H J

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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# **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
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; IPO; DERWENT	TOR	ON	2011/04/07 114:24
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 girfriend lover boyfriend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 14:35
L13	Onescopiscopiscopiscopiscopiscopiscopiscopi	(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 girfriend lover boyfriend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07
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 girfriend lover boyfriend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07
S1	2	"7729688".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 14:05

S2		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"   "20050037785"   "20050037785"   "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"   "7043261"   "7072452"   "7085253"   "7107010"   "7111044"   "7116976"   "7376434"   "8816578"). PN.	US-PGPUB; USPAT; USOCR	OR	00 1000 -	2011/04/06
S5	1	"5933477".рп.	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	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 23:45
S11	133	site)) (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	on 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 girfriend\$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 girfriend\$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 girfriend\$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 girfriend\$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
S18	25	(portal web website (web adj site)) with stor\$4 with (lover girfriend\$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 US-PGPUB; OR with (privat\$4 priority USPAT; EPO; important) with JPO; DERWENT (\$4number information) and (mobile wireless pda) with access with (server portal)		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	*		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	WOR	ON	22011/04/07 110:01
S29	26	26 S28 and (portal web US- website (web adj site) USF webpage) with keep\$3 JPC with (oppointment schedul \$4 calendar)		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
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
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
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
\$37	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
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	06 (yahoo google) with US-PGPUB; ((\$4phone near number) USPAT; EPO; number\$1) 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
S43	\$4 near2 ((\$4phone near U		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)	hone near USPAT; EPO;		ON	2011/04/07 11:45
S45	225	(yahoo google) near3 ((\$4phone near number) number\$1)	ne near number) USPAT; EPO;		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	\$45 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
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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Form 1449 (Modified)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	April 14, 2010
	Group	2617
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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.

PAGE 4/36 \* RCVD AT 11/10/2010 7:54:15 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/40 \* DNIS:2738300 \* CSID:650 903 9800 \* DURATION (mm-ss):10-30

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	Y	Sonim Technologies, Inc., "Integrated voice and text messanging 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.
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	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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# 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 Alexandrin, Vinginia 22313-1450 www.mpio.gov

# **BIB DATA SHEET**

# **CONFIRMATION NO. 3193**

SERIAL NUMBER 12/798,995	FILING OF DATE 04/14/2	E 2010	CLASS 455	GROUP ART 2617	UNIT AT	TORNEY DOCKET NO. IPVMCP02C1	
Peter P. Tong	ieung, Tai Po, Ch g, Mountain View Thomas, Campb	, CA;					
which i which d and sa	on is a CON of 1 s a CIP of 11/006 claims benefit of id 11/452,115 benefit of 60/689	1/452,115 06/ 6,343 12/07/20 60/527,565 12 06/12/2006 9,686 06/10/20	05	6			
Foreign Priority claimed 35 USC 119(a-d) conditions Verified and /KIET	Yes No s met Yes No M DOAN/ iners Signature	Met after Allowance	STATE OR COUNTRY CHINA	SHEETS DRAWINGS 2	TOTAL CLAIMS	INDEPENDENT CLAIMS 4	
ADDRESS  IPVENTURE 5150 EL CAN SUITE A-22 LOS ALTOS, UNITED STA	INO REAL CA 94022						
TITLE	NAME OF THE OWNER.	0.00					
Systems and	processes to ma	anage multiple	modes of commu				
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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	
34071 IPVENTURE,	7590 07/21/2011 INC		EXAM	INER
5150 EL CAM		DOAN, KIET M		
SUITE A-22 LOS ALTOS, CA 94022			ARTUNIT	PAPER NUMBER
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			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.

	Application No.	Applicant(s)
Interview Summary	12/798,995	CHEUNG ET AL.
merven commany	Examiner	Art Unit
	KIET DOAN	2617
All participants (applicant, applicant's representative	e, PTO personnel):	
(1) <u>KIET DOAN</u> .	(3)	p. 0
(2) <u>Peter Tong</u> .	(4)	
Date of Interview: 15 July 2011.		
Type: a)⊠ Telephonic b)☐ Video Conference: c)☐ Personal [copy given to: 1)☐ application	ce ant 2)∏ applicant's represe	entative]
Exhibit shown or demonstration conducted: d) \( \bigcup \) If Yes, brief description: \( \bigcup_{} \).	Yes e)⊠ No.	
Claim(s) discussed: 1.		
Identification of prior art discussed:		
Agreement with respect to the claims f) ☐ was read	hed. g)⊠ was not reached.	h) N/A.
examiner making suggestion in order to advance and review the suggestion and must formally filed a respective the suggestion and must formally filed a respective to the suggestion, if necessary, and a copy of the allowable, if available, must be attached. Also, whe allowable is available, a summary thereof must be a summary ther	amendments which the examinate no copy of the amendments attached.)  FICE ACTION MUST INCLUD by to the last Office action has a larger OF ONE MONTH OR THIS INTERVIEW SUMMARY F	ther consideration  ner agreed would render the claims that would render the claims  E THE SUBSTANCE OF THE already been filed, APPLICANT IS THIRTY DAYS FROM THIS ORM, WHICHEVER IS LATER, TO
/Kiet Doan/ Primary Examiner, Art Unit 2617		

U.S. Patent and Trademark Office PTOL-413 (Rev. 04-03)

Interview Summary

Paper No. 20110715

#### 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

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.
- 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
- 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 aboveidentified 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.

Appln. No. 12/798,995 Docket No. IPVMCP02C1

# Amendments to the Specification:

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

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[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.

Appln. No. 12/798,995 2 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 <u>non-transitory</u> computer-implemented method to manage the communication of a user <u>via a server based on a communication protocol</u>, in view of a person, <u>using a first device</u>, trying to electronically convey a message <u>from the first device</u> to <u>a second device of the user</u>, 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]] <u>The non-transitory computer-implemented method as</u> 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.
- (Currently amended) [[A]] <u>The non-transitory</u> computer-implemented method as recited in claim 1, wherein the access priority of the person is <u>defined</u> <u>set</u> by the user, or is <u>set</u> 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]] <u>The non-transitory</u> computer-implemented method as recited in claim 1.

wherein the <u>second device is</u> 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]] <u>The non-transitory</u> computer-implemented method as recited in claim 1,

Appln. No. 12/798,995

Docket No. IPVMCP02C1

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]] <u>The non-transitory</u> computer-implemented method as recited in claim [[1]] <u>4</u>, <u>wherein the server can be restricted from accessing the access priority of the person from the second device.</u>

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 <u>website server</u> keeps an electronic calendar of the user, and wherein an appointment is automatically set <u>by the server</u> for the user with the person in view of information in the calendar.

10. (Currently amended) [[A]] <u>The non-transitory</u> 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.

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# 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 patentally 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, 2<sup>nd</sup> 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.

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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.

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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

Appln. No. 12/798,995 15 Docket No. IPVMCP02C1

## 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

Atty. Docket No. IPVMCP02C1

Accompanying this Information	Disclosure Statement is
a statement a	as specified in 37 CFR 1.97(e); or
the fee set fo	orth in 37 CFR 1.17(p).
Electronic Fee in paymen	nt of the Information Disclosure Statement Fee of \$180.00
is provided herewith. If it is dete	ermined that any additional fees are due, the Commissione
is hereby authorized to charge s	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	



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爱文门:

2011年04月08日



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夹于板 科模珠 核-

□成果的花符合专利法第26多第3数的模定。 □成期的的橡胶木符合专利法第52条的规定。

[] 妈明书的漱写不符合 9 利达实施维则第 17 条的改定。

□取利要求 不符合专利总第2条第5款的限定。
□取利要求 不符合专利法第4条第1表的规定。

係件申请。 問訴清報: 100088 北京市海交区前门移西土城等4号。 图象知识产权的 机子申请。 应当通过电子专利申请系统以电子文件形式模文相关文件。 80名前定外、文件模力未进位。

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■ □収約要求 - 不具备等付在第22条第2条第2条第2条6
□权利要求上层不具备专利法第22条第3条规定的创造性。
□权利要求不是备专利结单 22 多束 4 款权应的专用性。
□权利要求
门根所要来 <u>,不有各个种</u> 还取在"基本本数的规定"。
□权利要求不符合专利法策 31 条第 1 数的规定。
□极构要求
□校村资求不符合专利法实施加制第 19 多的域区。
□权利要求
□权利要求 不符合专利法定施制制第21条的操作。
□权利更求下符合专利法主建组则第 12 条约建定。
Land transport of the Control of the
□申请不符合专利注第 26 多第 1 款或者实施的股系 26 多的规定。
□中核予符曲 V利法第 20 条第 1 发的规定。
①分案事實不符合查利法查詢細則第43条第1款的規定。
上线组论性意思的具体分析发本通知的由主义部分。
6毫千上达特伦的意思。中国所以为:
□申请人标告核整单如书子文部分概念的要求。对申请文件进行能改。
□华诸人应当在意见阵线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定
行线比之处进行移动。
○ 分利申請申沒有可以賴援于专利权的实质性内容。如學申請人沒有關述單位與者除述理由不完有、其申請 等報的四。
7. 申诺人法注意下列事项:
(1) 假据专利误证 平 秦的规定。申请人还当在收约本通知书之日然的《十月内除法报义、如果申请人
EE3理由意图不答案。此中语仍被规为编码。
(2) 毕博人对其申请的解政所当符合专制性第3)条的螺定、车得超由原调明书和权利要未书记载的新
14、同时申请人对专们中语文件进行的修改应当符合专利定实施加制第54条件4条的规定。提供和从信息的
<b>艾米进行物效。</b>
(3) 申请人的意见陈述书和/政策改文本应当解释或述交图家知识产权风办和局受组处、凡来邮客放理
<b>美绘变理文的文件不基金法律要力。</b>
(4) 未经价值, 中席人和/成代理人不得能来国家知识产权易与审查易是行会情。
。 本通知·利正文部分定有义英、并附有下列的件。
到初的对此文件的要印件共 <u></u> 也

申查员: 油层光

联系组结: 010-82245981

219403 2010 2 65件中等,因此证券,1020年,北京市海岸区海门市西土和港市与,国家加加产权加入企业企业。 用于中途,但市通过电子中和中省系统以来于文件形式施文明关文件、他另有现在外。 文件用力未建立。

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## 第三次审查意见通知书

\* IA-45:2006800279e49

申请人于2011年1月10日英交了意见陈述书。审查员在阅读了主述文件后、对本案被续进行审查、两 查提出知下审查集美。

(\*\*\*) 申查哲學的的次申查意見通知书中的审查意见。权利要求 1-22 不具备中判法第 22条第 3 条规定的创造性。

1、权利要求 1 请求保护一种管理使用者的进证的证明整装置。对此文件 1 (US2003/20041046AL) 公开了 种通讯管理系统权方法,并具体披露了以下特征(参见轮别 6 第 [5027] 政和 [5026] 版。构设 2)、该通讯总签 于某个人汇减衡用电子手政给使用者发送信息。该系统包括。

领获346。解置用来识别使用者核本的机构《美丽图 3为

模块 310. 配置用来识别涉人身份的机构(更调谐 3)。

基块 20 中。配置用来识别改信息的聚为程度的机构(更新图 3)。

權差 330 中,基于该人身份確定该人的访问优先权的机物《见谜明书第18037] 设第 1-2 行,附做 313

模块 350 和 366. 配置使用规则。并签了使用者完善。该人的能取得联系的优先级和该信息的笔言程度 来决定如何对核通讯信息进行操作"相当于"受置过程管理设位息")的机构《礼语明书第[66年]段、原图 35.

進訊系統的真识网络可以是广城网、例如尼坡州。为维州成集它在线服务(参加设明对第10016)股第15-19 行)。由表1可知。所向者可以通过电子证明此址来发出的明(和当于"该销总监于互联网协议通过一个网络 用电子手段来发送")。

取利要来 1 请求保护的技术方案与对比文件 1 的区别在 F,虽然我过程允许使用看接收到运荷息,但该 人不知道使用者的联系为式。构让该人不能过效动意接联系使明备、波香使用者不知道这人的联系为式,以 然此使用者不通过网站直接联系该人。至于也区别技术特征可以确定,权利要求!相对于对让文件工交际要 解失的技术判案是:在通讯过程中激展使用者接呼叫者的类深凝聚方式以保护用户隐私。对论文件 主 (CNIASSSWA) 公开了一种电话通讯方法及算置。并具体被离了以下技术管证; 通讯过程中每用了建藏通讯 服务系统。苗贯星以虚拟的地被通讯代码与外界递讯灯,用请用户的原始电话号码组被建敝。很打电量与外 健康展析。接收为的來來展示不全量示读打方的原始电话号码。以保障拨打方的个人晚初,给当下"使用看 千知道沒人的联系方式。以初止使用者不通过建数递出服务系统监接联系版人"。参见说明书第2 贡第 18-2t 行、附第15。电话用户设定并后途被源讯库务功能时。电话用户系开放以或被波讯代码与外界通讯、仅知效 **参通民代码的特定人士,能够利用电话用户形式上的通讯电话号码。即建新通讯代码,与电话用户保持通讯。** 豆物建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、防止该人不能过递被通常服务系统查 接键系使用者"。参见说明中第4页的数第6行至第3页第2行3。且上述技术特征在对比文件3和本非语中 语作用相同。均是保护用产的验私。即对比文件3 论出了约上这技术特征应用于对优文件 1 以解决其技术问 题的积率。尽管对抗文件分中的采用的是难被通讯服务系统。防止逐打为7用户不通过该系统直接联系用户/ 拨开方、然而对本领域技术人员单说。当通讯信息是基于对比文件工所公开的通过网站发送时。将对比文件 8 中的進鐵遞訊服务系從基于阿姑亞式詢收實。縱者直提與實下对比文件 1 的现故中,从而妨止恐人/使用者 小维过网络直接联系使用着/该人。这也是容易想到。由此可见,在对此文件 1 的基础上结合21 E文件 2 以及 本领域的慣用技术手段以得到现权利贷求请求保护的技术方案。对于本领域技术人员 根有要求工不具有完出的实质性特点和显著的进步,因而不具备创造性。

2、从與权利要求了将权利要求工作了进一步的限定。对此文件工资公开了以下之间。使用此的规模模 括使用者的基础。位置、和时间(他助于"使用者的联查取决于使用者高纳的运动或 2017、企业

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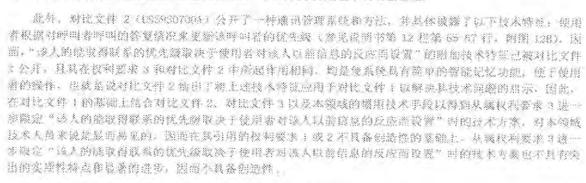


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# 中华人民共和国国家知识产权局

谈案 注 行力 使用者的状态的使用者的目程表、灿粒像、位置等决定。并且使用者可以临时改变 (相当于"使用者的状态的使用者意义"。参见该则书第[0928]改第 1 8 行力。因则在基引用的权利要求 1 不具备制造性的基础上,从减权利要求 2 也不具备创造性。

3. 从额权利要求3.对权利资本1或2件了进一步的限定。对比文件1是公开了以下技术特征、规则库36 由使用者定义(参更资明书第15021)投第4-7行为。规则库36 中的呼叫优先级可以是呼叫者优先级或呼叫股条优先级(参见资明书第15026)预算+3 行)。可见"该人的现象构联系的优先资法使用者定义"的技术检验总统对证文件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。从规模利果来3进一步检定"多人的能取得服系的效量资油使用者定义"的的技术方案也不具备创造性。



- 4、从黑权利要求4对权利要表1至5之一作了进一步的限定。对比文件1连公开了以下预未得证。呼叫有利用现象。并亦成其它方式输入数据设置呼叫优先级。但私位等。中等、正常、高等、基金(相当于"份总的第含程度由该人收置",参足或明书第[4034]政第6-7。10-11 信息 协助,在其引用的权利要求1至5之一不具备制造性的基础上,从风权可要求1位不具备创造性。
- 5、从每枚判别求与对投利要求1至4之一件下进一步的限度。对此文件1至公开了以下投来转值。时间看10年使用者运动通过各位的通过设备和通讯网络连续到通讯节点16上7参见使用节第109141预至1-5打5。这位可见直接地、毫无疑义物确定使用者如何对协议的信息进行整位取决于通过设备和模式了相当于"该过证取决于该信息的通讯模式"。通讯设备但语程动用进(老定说明书第100141股第5有)。办公电话、电子部算(参见提明书表17、此外。张胜电话、PP2中的移动自由、指移动电话或PDA发的传呼信息。第四/为公室PPS。移动查线得无。家庭直线除入。节有/不要有即时提醒的声音的样。办公室特别、家庭传传、转动电子等件等通讯模式均是未算效图的的通讯模式,采用这些通讯模式进行通信是本领域的使用技术手段。因此,否则用的权利要求1至4之一不具备创造性的基础上,从属权利要求5更不具备创造的。
- 6、基與权利资源在对权利要求1至5之一作了进一字的限定。对比文件主述公开了以下技术特别2 提用 套的模型设备可以是移动电话、PM 等/相当于"使用者通过一个平特核紧持收收需息"。参见说明书第[0014] 设第5-10行为包含了使用者的状态的核则既可以由使用者投资(参见说明书第[0021]设策13-13行,第[0020] 政第1-4行,而对本等域技术人员来说。直接更用该手持载置来设置使用者的状态。以便于使用者操作。这是本等域的逻用技术手段。因而在其实用的权利要求1至5之一不具备创造性的基础上。从或权利要求1担不具备创造性。

级件申请、Ⅲ高清高、1000%,此京市海道区域门特加土城建6号。常家40以产权国际的文章张经 电子申请、应告请以电子专利申请紧张以电子文件形式模支相条文件。体另有原设外、分别从基础形式保采的 文件提为未提文。

GAY



参见设销书第3.标签 27-38 行。第6 经第31 行为 且其在投刺要求了和对比文件 2 市所配作用相同。助是为规则数据库提供储存空间,即对比文件 3 给出了着或技术特殊应用于对比文件 3 切解决就技术问题的起示。 因而在集引用的权利要求 1 至 6 之一不具备创造性的基础上,从属权利要求 7 也不其备创造性。

8、从與权利要求多对权利要求1至7之一作了第一步的限定。对让文件1公开了以下技术特征、遵讯实现的通讯网络可以是广域网。例如互联网、为维网或其它在线接多(发展设置各第100151股第15-18分5。由老工可知,特别看可以通过电子邮箱地址来发出时间(相当于"设值总数于互联网协议通过一个网络用电子下数米公克"》。对此文件3还公开了以下技术特征。包括数据簿在内的网络数据库 308 与使用者 708 中的信息以助保行问及《参先说明名第5程第27-38行。第4 栏第21 行》。数据海提供目历和自政表。约会员所实得使用者对时间看过行具体操作《参照说明书第5栏第20 为行。所图 9)。(他当于"原理总保存使用者的电子目历。而且。基于该目历的信息自动收置使用者与该人的约会"。且具在权利要求多和对比文件2中所制作用相同。助是得电子目所保存于网络、为电子目历提供储存至间。并为便使用看与该人进行约会。而对此文件2 给由了各线技术转换的用于可比文件1 以解决实践术网络的原元。因而在其间用的权利需求1至7之一不具备组及性的基础上。从解权利更多多也不具备创造性。



10、权利要求 10 清学保护一种案子网络入口力一个核收者等非由人类讯的用计算机必执行的方法。对此文件 3 公允了一种计算机执行的通讯管理系统和方法。基基于网络人口工参见说明书第100161程 1. 并且依整落了以下转征《卷见说明书第100341段第 10-3177、张 1、据图 3 5。该方法包括:

通过访问使用者主义的规则库更确定新研究处理。使用现中组会了可叫者与约、呼叫优先级、货票者的 款态和位置等信息和规则。(相当于"属于核收者提供的信息、源定请求者的能取得联系的优先级",生成明 书第(0021)股第47行,第100261万第1-4行。附领之)。

基于规则库中的规则和呼叫优先级。决定对此呼叫谐求采取亚当的操作,如常改准备邮件。定制率当解件,自动呼叫使用者等通讯方式;相当于"基子一条或多差可配置的规能和谐求者的统数得罪系的优先级、为准入通讯请求理定一种适宜的通讯类型",见证明书表:和物能 35;

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他了将上述技术特益应用于对比文件1 识解榜其技术问题的程示。尽管对让文件3 中的采用的是跟被助讯服务系统。防止设计 5/用户不进过冷量低度接联系用户/资介为、保证对本等域技术人员来说。当通讯是基于社协文件1 所以为为证的网络入口中、社协文件1 所以外入口的,将对比文件3 中的故意通讯服务系统直接设置于对比文件1 的网络入口中、从问题单调来者/技术者未经基于网络入口直接发送消息给妆收者/请求者。这也是容易想到。由此可见,在对比文件1 的基础上约合对比文件3 以及本类域的惯用技术下段以得到该权利要来请求保护的技术方案。对于本学校技术人员先进是显而易更。因此权利要求 10 不具有实出的实质性特点和显著的进步。因而不具备的现代。



- 11、从黑教物要求 14 的权利要求 10 体了进一步的设定。对此文件 1 社会开了以下技术特征。规则应 8 包含了程则者身份、呼叫优先级、使用者的状态和位置等部是和规则(参关设明的第100201度第 1-4 行)。由 这里书部图 1 可加。规则应 8 通过通讯等 16 18 初度 18 数核。使用者 38 通过通讯网络 16 未会资料则 每 《先送明书集[0021]政策 4 7 行)。而通讯网络可以是广域对,例如互联网、万维网或真它在线接合一参见 提明书第[0016]股第 16-18 行 1、八相当于"指述一条现象条可配置的规划和/设计信息由物收者通过与一个网际的租工作用位置")。因而在其引用的权利要求 10 不具备创造性的基础上,从类权利要求 11 也不具备创造性。
- 12、从家权利要求 它对权利要求 10 作了进一步的规定。对比文件 1 还会开了以下技术特征、原则能 36 包含了时间省身份。时间优先级、使用者的状态和位置等编录和规则(参见证明与第10206] 设第 1-4 位)。以规则率 等 四组使用者设置(参见证明书第10021] 政策 4 7 位)。 报当于"其中一条录多条可能管的规则和》 现状仍然综合在一个数据库中")。 协助在其引用的权利要求 10 不具备创造性的基础上,从现权利要求 12 也不具备创造性。
- 13、从旗权利要求15 对权利要求10 作了进一步的股票,参划这文件1 还公开了。当时叫者通过某 P 地 被或某电话当两进行通讯时,使用者选择的通讯方式可以是附处产畜邮件和估可信息(和当于"适宜的通讯 类型每苯一通电类指不同"。参见校明书表1 第 2 行 )。因而在其引用的权利要求10 不真名词语性的品牌上。 从塞权利要求15 也不真备创造性。
- 11. 从操权利要求 14.对权利要求 10 作了进一步的规定。对比文件 1 还会开了以下技术特征。确定使用者的状态(参先设明书附属 5 使决 3 亿元 發射線 26 可由使用者设置 1 参先设明书第[5021]设施 4-7 行。第 于规则并中的规则。时间优先级和使用者状态、决定对此可叫提来采取思图的操作。如常制产品配件。定制产品编件,自动时间使用者等通讯方式(参先设明书表 1 和前型 3)。(相当于"上述方法还包含了确定接收者的状态。而且,其中上还确定事業执行用以基于所述一条设备条可配置的规则。请求者的能量者服务的优先或认及接收者的状态。确定这点人通讯或来的当证通讯发型"。6 因而在其写用的权利要求 10 不具备创造性的基础上。从解权利要求 12 也不具备创造性。
- 15、从湖板将要来 15 对权利要求 13 作了进一步的深定。对此文件 1 还会开了以下技术特征,确定时间的紧急程度 1 罗尼拉明书的图 2 接及 1201. 索提序 26 可由使用者设置 1 罗尼拉明书第 [002] [23年 4 7 47]。 基于规则两中的规则、呼叫优先级、接收者状态和可用的对金物度,决定对此时间请求采取适当的操作。如果准备部件、定制产者部件。自动时间使用者等通讯方式 6 涉足或明书废 1 和附留 3 )。7 租当于"上述方法证包括确定改造人难证请求的紧急等级,并且其中。上还确定步骤被行派以准于所述一条或多条可能置的规则、请求者的能取得准备的优先级。接收者的状态和探流人建设清水的紧急等级。确定涉近人通识请求的还直通识类学"。3 。据而在共归的权利要求 14 不真备的造性的基础上,从简权和要求 16 也不具备创造性。
- 16、从黑权利要求16 对权利要求10 作了是一步的限定。对比文件;还会开了以下。 的紧急程度(多见说明书的图 3 额款 2805、裁划库 36 可由使用者设置;多见改明中。60 的自40分 是上规划库中的规则。例则仅先级和种同的紧急程度、协定对此时间消扰是取消率(60 的。如果或产 定制产品邮件、自动时间使用者等进限方式(多先应则存取;和限图 25、相由 足球流入通讯请求的紧急等级,并且基中、上述编定步骤执行用以基于所述一条(40 可修)。使明

旅行申请、問基情等。100085 北京市海道区前门特质土城路占号 国家协议产权副 联节申请、应当通过来于专用申请系统以来于文件考虑集立相关文件。并另有规定外、文件经为未建立

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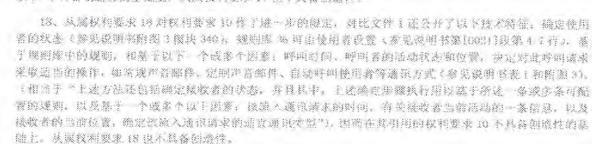
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# 中华人民共和国国家知识产权局

者的能取得联系的优先级和该源人通讯者学的考虑等效。确定涉流人通讯请求的适宜通讯类型"。),因而在其 引用的权利要求 10 不具备加度性的基础上,从规权利要求 16 也不具备加度性。

17、从属权利要求 17 对权利要求 10 作了进一步的概定。其深定部分的原始技术等生为"发宜通讯类型从以下多个通讯类型中选择。这结用",对比文件工证公开了以下特征。所叫者 10 和使损者 36 使用的通讯设备包括对线电话、移动电话、PDA、网络电话、价英等(参见设则书第(001))投第 5 15 行2。使用者对呼叫来取的通话通讯方式包助用参助电话分的作呼信息、电子解件等(参见设明书第(0037)设施 1-8 行5 构造之外。用参助电话行的电话。用办公电话发的电话、家庭电话机打的电话、用移动电话发现的 5% 作息。用 PDA 发的 5% 信息、用 PDA 发的 6 是。用 PDA 发的 6 是,用 PDA 发的 6 是。用 PDA 发的 6 是,用 PDA 发的 6 是。用 PDA 发的 6 是,用 PDA 发的 6 是, PDA 图 6 是, PDA 图 6 是, PDA 图 6 是, PDA 6 是,



19、黑权利要求19 对权利要求 10 作了进一步的景度。对比文件 2 公开了一种通讯管理系统和方法。并 具体跟露了10 下技术特征。时间者的优先级可以模型使用者对该印刷者此效时间请求的特别协定无效更要 《参见设明书》 10 亿第 65-67 行,對例 126 )。由对权利要求10 的讨乏可知,基于时间各的优先级确定还定 的进业类似。因此,对于该时间者下一次的时间请求。使可切落于更新后的时间者优先级来确定差取与每一次相同的通讯类型。(相当 1 "适宜通讯类型的确定步骤通过等习更加智能地识知适宜的确讯类型"。以实在权利要求 19 和对比文件 2 中的起作用机间。均是使来或良有简单的智能已经和不自功能,使于使用者的操作。 也就是现对此文件 2 经出了报上还投水特征应用于对比文件 1 约解次其技术问题的启示。因此许可让文件 1 的英雄上结合可比文件 2 对比文件 1 以及本领域的推用技术手段这种到从系权的要求 19 请求保护的技术方案。对本领域技术人员来说差要用系见的,因而在基引用的权利要求 10 不具备的遗传的基础上。从量权利要求 19 也不具备创造性。

20。从黑权利要求 20 对权利要求 10 作了建一步的限定。对比文件 1 还公存了以下效率特征。如果呼叫着异价未知。则光论何种呼叫优先级。何种使用者状态和位置。何种则问。对此呼叫或求采取的操作的为常规严资部件(相信于"上述确定适宜的通讯类似。他经过被退疏入进讯请求"。即见使用书第100007股第 1-4 行。在 1)。规则称 36 首由发出者改变 (多见证明书第100207股第 4-7 行)。基于规则即中的规则和呼叫优先级。依定对此时叫请从采取语言的按信。何如产者解释。但中信证券《相信于"基于外点一多改多保可配置的规则以及请求有的能取得联系的优观效。该流入进出或定应问到另一种银气打扰的通讯类型"。参见证明书表1 和附第 3 26 余外,对于本领域技术人员来说,对于某些不安全的或规则入图图单的呼叫者。还统也可以自动拒绝基础的需求。以提高或通过管理方法的安全性,这是本领域的需用技术手段。因此,在基础用的权利要求 10 不具备他的性的基础上,从累权利要求 20 也不具备创始性。

21、从黑权利要求 21 对权利要求 10 至 20 的 了进一步的原定。对比文章(社会并了以下31 类的是一种的原文,对比文章(社会并不以下31 类的是一种的 4 规定采取的通讯类型可以及多音解析。成为时间的资金的资理助手、各用电话设置,或为 8 数个人助理并以即对消息的方式传发给使用者为 4 机当于 "但第一通讯类型的 20 数分分别 20 至 20 数别处型的通讯会战争"。多见这样的第(8029)股第2 12 行为 初而,任其则 在长利斯里 10 至 20 不具备创意性的基础上,从其权利要求 21 也不具备创意性的基础上,从其权利要求 21 也不具备创意性的基础上,从其权利要求 21 也不具备创意性的基础上。

等件申请。[[]《调查,10208 北京市省深区城门转出土海路6号 []]张知识产权规则于申请,形为通过电子专利申请其常以担子文件用式模立相关文件。他只有现定外文件设为未提之。

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定、权利要求 23 需求保护一种用于为一个核收者管理流入通讯的用证算机来执行的方法。对此文件 1 公 开了一种计算机执行的通讯管理系统维力法。核集于网络人口(参先说明书第100时)设力,并具体被塞丁以下 转征(参见说明书第1002时)投第 2 12 行。第100341政第 10-11 行。表 1、例照 3)。该为法包括。

- (4) 野型省時列使用者。且時四名可以使用機器、声音等收置此次呼叫的优先级(相当于"核极格向接收者的加入通讯请求"。见说明书第10030]股第10-13 行为
- (6) 構定呼叫者發發、呼叫就去變、使用者的深多和位置等信息。并访问規則所執定如何对該適訊前來 进行維持(相当于"關了追領人與原傳書、變定指揮子使應將而後接收養的通訊清求的使用的保证額訊使與 終準"。又說明书因與《穩策 356)。
  - (c) 根据权则库中的契约。决定采取行行通讯类型、例如应分配件、成构可叫转移列管理助手、备用地送收备。支线信息设备、成转移给个人助理方以即对准盘的方式转发的使用者等(积当于"基于该预定通讯处理标准、预定是否及如何把设施入通讯请求转移到多个通讯模式中的一个特定通讯模式"、参见设明书第100291设第2-12行、原图3模设 860%
  - (d) 执行上边夜里中所选择的通讯模式(相当于"自动协议施入通讯请求转移到改特定通讯模式,如果 确定知此的话",财图工模技 370):

权利要求20 请求保护的技术力量与对比文件上的区址在于4 尽管接收者可以逐收的原、但是清荣省并不 了解绘教者的接触的是,从消避免请求者未经基于网络人以直接及连渭总给搜教者,并且/或者是登接教者的 以接收消息,但是接收各并不了解请求者的接赖信息。从而雕刻读收者未完基于网座入口真接及武治思论诸 塞者。每于湖区划技术特征可以线区。权利要求 22 组对于对比文件 1 宏辉紫解决的技术问题是:在逐讯过程 中隐藏诸老者和/成谬的者的实际联系方式以保护用户隐息。对此文件 7 UN1155981A 1 公开了一种电话通讯 方法及验置,并具体披露了以下技术传证。通讯过程中利用了端板通讯服务系统,当进定以虚影的起藏通讯 代销与外界通讯时、电话用户的原始电话等两种被避断、拨打电话与外界通讯时、拨收方的发电是京军会局 节赛打方的原始生活号码。以保障器打方的个人器私(概点》"尽管接收者可以独收消息,但是接收者并不 了解请求者的接触信息。从照避免接收者未经避缴递出服务直续发送消息给请求者气 每免证明主条 2 页第 16-21 YF、納得 1)。电遥符户设定开启建版通识服务功能时,组证用户案开放以连接通讯代码均务界通讯。 仅短逻辑训讯代码的将定人士,但够利用电话用户形式上的流讯电话与码,即建备通讯代码。与电话用户保 药通讯。以增进电路程产的个人隐私(租油于"总管接收者可以接收消息,但是请求者并不了解接收者的按 独信息、从而避免清重者不论遗解源识别多多类直线发送混印给接收名"。参见证明书第十页的数据《行证集 5 页第 2 行为 且上述技术物证在对比文件 3 和本申请中的作用相同,均是保护用户的降系。即对比文件 3 给 黑丁海上逐攻朱券征应用于对此文件主以解决其技术问题的启示。尽管对比文件3中的采用的是准据通讯服 等系统,防止袭行方/附户不透过该累值直接联系用户/装行方。然而对本领域技术人员来说,当通讯星星于 老比文件!所会开的网络人口时,物对比文件《中的建数通讯服务基础直接表置于对比文件》的网络人口中, 从海滩免游求着/接收者未必基于网络人口直接发送潜思给传收着/济末者、这也是容易处约。由此可见、在 对证文件上的基础上结合对达文件《以及本题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最高暴见。组织权利要准12.不具有实出的实验性特点和超差的进步。因而不具备初 30亿。

24、从圆段和要求 24 对权利要求 23 作了进一步的限定。对比文件 1 页公式

2104G3 经营物器、影路调查、10XG80 北市市海湿区新门格西土地路6号。 原放程设产权的 2010 2 电子中源、应知通过用于参照申请系统以组子文件形式模文相汇文件。体别和原定外 文件设力未提及

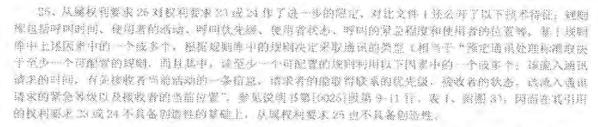
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department 30 C. C.



衙門個伙先後、使用者状态争呼叫的紧急程度等。基于上途因素中的一个或多个、根据规则库中的规则决定 采取遗风的类型(相当于"物定通讯处理标准取决于以下报源中的一个成多个。至少一个可能源的规则。请 准备的能取得疑系的优先效。按收名的状态。以及该或人通讯逐来的紧急等模"。多更说明书表 1 网络 2)。 但而在其引用的权利要求 23 不具备创造性的基础上,从黑权利要来 24 化不具备创造性。





- 27. 从為权利要求 27 材取利费求 23 至 3 之一作了进一步的现在。对比文件 1 连合开了以下被求给他。 出现明书制制 1 月初,时间者 10 的进民需求通过通讯风格 10 的过去位担名 28、规则库 36 通过延讯专点 16 创造出网络 18 联接,规则库 36 包含了呼叫核合份。时间也更数。使用者的水本和位置等信息和规则(8 年,使明书第[6026]投第 1-4 行为使明者 38 可以通过通讯网络 18 未投置规则库(更设明中第10021]投第 4 7 行。 断照 1 3 《相当》:"单流人通讯请求可以通过一个数据网络。而且,其中也通讯处理标准的至少一个属性最由接收基项过与一个网络的相互体用而设置的"5"。因而在我引用的权利要求 23 至 26 之一不具备创造性的基础上,从累权利要求 27 也不具备创造性的基础上,从累权利要求 27 也不具备创造性的基础上,从累权利要求 27 也不具备创造性的基础。
- 24. 从属权利要求 28 时权利要求 25 证 27 之一作了是一步的股边。对比允许;还允许了以下权力结合。 使用者的追讯或备可以是有效电话。移动电话等;相当于"该派人遗讯要求可以由核收者通过电话接收"。参 更设明的第100时间数第 5 7 行 3. 他含了呼叫优先级。使用者状态解释数的规则库可以由使用者设置;相当于 "该通讯处规模和的简单一个属性由接收者设置"。参见规则常第100211股第 12 - 11 行。第100261股第 1 - 1 行 5. 而对本领域技术人员未说。使用者使用自己的电话对规则能中的参数进行设置,以使了操作。这是本领域的 使用软件下段。沿而在其中用的权利要求 25 至 27 之一不具备创造性的基础上,从累权利要求 28 也不具备创 验性。
- 29. 权利数单29.请求保护一种用于为一个技能者智能跟人通过的用计算机来执行的方法。对比文件1公 并了一种格子计算机执行的通讯管理系统和方法。并具体数据了以下转至(多类说明书第10029)股第2-12 行。 第40034)股第10-11行。表 1、附据 3)。该方法包括:
- (a) 時回者時回便用者,且時回者可以使用觀察、声音等收置此次時回的优先級(相当下"从請求者接受派人運用請求"。足够明书第10034)投第10-11行为。
- (4) 确定呼叫者身份。呼叫优先级。使用者的状态和位置等信息。并切到规则库决定如何对该通讯请求 进行操作《相当于"强于该流入通讯资本。确定还用于处理指向设度收者的通讯资本时使用的程定通讯处理 标准",更设明寻的图3 模块 360)
- (6) 澳門隆包括呼叫时间。使用者的活动。呼叫优先级、使用者取高、呼叫的 (2) 使加加 (2) 等。基于规则用中上述因素中的一个或多个。根据规则用中的规则决定采取通讯(2) 22 对如 (2) 对如 (2) 对 (3) 对 (4) 对 (4) 对 (4) 对 (5) 对 (5) 对 (6) 对

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量"。"请求者已与接收者通过接收者的地址建立通讯联系"。参见透明书第[0325]股第 3 11 行。第[0025]股第 2 16 行。制制 3 5 权利罢来 25 请求保护的技术方案与对比文件 1 的区别在于。"请求者不必知请或被投 步度收者的地址"。对本领域技术人员来说。当时叫着的通讯请求,例如来观。被转移到使用者的备用电话时,与等他们之间建筑了通话。但呼叫者可以下知道该备用电话的号码。使用者也可以设置不当地呼叫者该备用电话的号码。以保护使用者的验私。这是本领域的资用技术手段。因而在对比文件 1 的基础上结合未测域的 费用技术手供以特别该权特要求诸果保护的技术方案。对本领域技术人员来或是影而易见的。医此权利要求 25 请求保护的技术方案也不具有发出的东西性特力和影響的进步。因而不是备创造性。



31、从继权利置来引到权利要求的成为有了进一步的限定。对此文件;这么开了以下技术特征。由设现书表上可知、程则者可以通过证证证。电话号码、是了细件等发送通讯请求,并与使用者建立通讯联系。而采货可以通过作员即是。图8 号码来确定可叫者设价;相当于"请求者通过一个请求者的地址发送设置人通讯请求。请求省通过请求者地址与结收者建立进词联系、按收置了解请求者他分份"。多是证明书第100分)数单 1-5 行力 此外。对比文件 3 公开了一种电话通讯为法及转置。并具体模案下以下技术特值。通讯发程中利用了建物通讯服务系统。当设定应应超的定面通讯代码与外界通讯时、电话用户简单的电话号码即被避转。技行电话与分界通讯时、程权方的未出数示不会显示设计方的应的电话号码。以参约数行方的个人能和《相当于"资本者位质过请求资地址与特性者建立地识联系,这教育不必证通讯来看地址",是可应则转第2 更第18-21 行。制置 1 年 日主还技术特征资利比文件 3 和本申请中的作用相同。约是的政计来看的实际而为文切保护机的系。他对比文件 5 给出了特上还技术特征应用于可能文件 1 印刷决的技术制度的应外。由此可见。在对比文件 1 的基础上结合对比文件 3 以及本领域的调用技术并有以得到或权利要求请求保护的技术方案。对于本级域技术人类求设量处面的实现。 动此在其引用的长利要求 20 或 10 不具备创造性的原因上,从是权利要求 31 也不具备创造性的原因之,从是权利要求 31 也不具备创造性的原因生,从是权利要求 31 也不具备创造性的原因生,从是权利要求 31 也不具备创造性的原因生物,从是权利要求 31 也不具备创造性的原因生物,从是权利要求 31 也不具备创造性的原因生物,从是权利

证、从黑权利要未完。对权利要求。31 作了进一步的规定、具型定能分的股权技术特征"请求者进址是一个电子解件"也已被对比文件 1 公司(参见设制书表 1 1 ,图而在其引用的权利要求 31 不任备创意性的基础 上、从黑权利要求 22 也不是备创度性。

#### (二) 对于申请人的意见陈述

中语人概述了权利继承具有创始权的维由、认为。

对比文件 3亿×14638(a) 据述了用户有一只电话但采用两个电话与码的方案。电话号码之一是在标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包不能进行实际电话连接的废拟电话号码。如果关斯准担证号码模式,那么呼叫者(比如商业呼叫)就不能进过度拟电话号码到这用户。即使用户的物理平机号码一段是接通的。为了使用这一业务、用户必须在服务单位商处程位。对比文件》和本农明的区别之一在于对比文件3及省数等"可叫/消息的第20性"的概念。可叫的某会性允许即便按通常指定用户不需量批引我的情况下用户能够接收某些实际报鉴器的呼叫。这一点在对比文件3中是不可行的。对比文件3度没有效导呼叫者知何能够是等呼叫/消息的合证署条件,也没有为呼叫者提供发展紧急水平的操作步骤,由于没有程序叫者一种提供紧急程度设置。用户不能如用本发明即移动建物规则来接收有要的呼叫。

对比文件 1 和 2 也沒有教导如何在呼叫者一测设置呼叫的复数程度。因此,本验证的基本证的人员在设 算了对比文件 1-3 之后。依然不知能如何创造系统程度。即使"呼叫/加是的紧急性"(2) 1 3 中,而吸到呼叫处理过程的每个年年被全新的创度来源、才能实现和本类则用问题。

争在预测批析不同观点:

首先。根据创造性判断的"三步建"。确定对比文件 1 为最级近的现有技术。

210400 经转申请、册高语言: 190000 正定市海湿区隔门特面土城路 6 等 张家庭严权期 2010 2 - 电子申请、应当通过电子专利申请系统以电子支持的式程文组关文件。独另有规定外 文件程均未提交。

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2010 2

# 中华人民共和国国家知识产权局

医颜在于"虽然适过程允许使用者核收到多债息。但这人不知道使用者的联系方式。贴出该人不通过商品直 装跌系使用者,吸着使用者不知道该人的联系方式,以助止使用者不通过网站直接联系很大?,其解决的技术 匈戮是保护事户隐私。而参见对权利要求 1 的评述得知。对比文件 7 已经公开了上述区别,且该区别技术特 还在对证文件《中的作用也是保护部户缴补、与本申诸相制、即对比文件《绘出了作上还技术特征应用》对 比文件:以解决保护用户领私的技术问题的启示;

其次、尽管在对比文件3为了使用改业务。用户必须升通应报讯话号码输过、并且在服务业应商处得点。 然而这并不妨碍得其应用的对比文件工中的连讯模式中以解决包护物系的技术问题。由于对化文件工才是最 接近的现有技术,对比文件多期是用于综合国对比文件;中解决上述技术问题的、舆制,无常考虑对社文件 3.中是否數量"輕明/清息的家急性"的概念。因为该特在已经被对比文件主会证。

再次。尽管申请人认为"对此文件上举之没有教导如何在呼叫者——假设置昨间的紧急程度。本领域的各 镰技术人员连跨接了对抗文件1-3之后。依然不知道面前的建聚急程度"。但是权利要求1的技术占定权动就 了"配管用来识别该信息的紧急程度的机构"运行一个功能模块(该差值已被对比文件)公开5。并没有记载。 具体如何的建或投资紧急程度。做如,某于何种具体算法来实现的建筑证别紧急到控协功能、实际上。本申 诸的申请文件中绘出的均是"设置和识别累验程度""一万不知道另一为智疑银方式。仍止一方不通过网站 直接联系另一方"等功能性模块。并没有记载包括这些边能模块的呼叫处理过程的每个环节应该是体通过什 各样的装置或要法得以实现。而主场动能性接块的特征已被对比文件 1-5 分并具作用相同。通过对权利更来 的证述方指。本领域技术人员技術权利要求请求保护的技术方案是显距易见的。

此外,更进一步,如前次净查总是通知书获制的。"尽管用户可以接收消退。好闻者并不了解用户的接触 信息"《阳系独立权利要求》》中的区别技术物准:对他了深有技术中的周围的时间转移情况。例如,当时间 者幾地用戶手鞋門,用戶可以和來电話移至某一體定申認,而且逐期發足下呼叫者並不知道透過是申認的時 妈的,这是苹果城的惯用技术手段。而"尽能是中可以接收图点,用户当本了解呼叫者的保持信息"的注意 章例如对地文件多等很多逐渐改举中得过记载(例如。分开目为 护的 年上江 月 16 目的 (2) (1) (2) (2) (2) 为2000年2月日日的682897508等)。野叫者可以隐藏自己的实际号码与别人进行进位联系、印保证他和。 这在本领域也是很能用的。和其应用于对比文件工中基于网络创港市过程以达到协业一方不通过必购以来在 摄联系统一方的目的。这是本领展技术人员无常过出创造性劳动应易依例的。

因此、申请人的意见陈述不具有论能力。

新主上还理由,本申请的全部权利要求都不真备向给性。因时说明书中也没有已被其他社间可以经干卡· 表权的皮质性内容。如是中语人不能搞很表明本申请私有创造性的充分组成。 太中该路面驳闷。

审查负责者:汤黑光

以香中语,用栖语客:190000 北京市府文区新门特出土城路 5 4 - 探象知识产权局 布于申请、括告通过电子专利申请系统以电子文体形式摄交相关文件、独贝布级定外 文件模为本提交。

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(建设等)

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

#### **U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	1.	2006/0003803 A1	Jan06	Thomas et al.			
- 1	2.	7,188,073 B1	Mar07	Tam et al.			
	3.	7,729,688 B2	Jun10	Cheung et al.			
+	4.	7,890,128 B1	Feb02	Thomas et al.			
+ - +	5.						
	6.			7.5			
	7.						

Document No.

Init.

# Foreign Documents Translation Date Country Class Subclass Yes No

Α	Third Office Action for CN Patent Application No. 200680027964.9, dated 4/8/11 (1 pages).
В	
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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.

Electronic Pat	ent App	lication Fe	e Transmit	ttal	
Application Number:	127	98995			
Filing Date:	34-Apr-2010  Systems and processes to manage multiple modes of communication				
Title of Invention:					
First Named Inventor/Applicant Name:	Kwa	ok Wai Cheung			
Filer:	Pete	er P. Tong			
Attorney Docket Number:	IPVI	MCP02C1			
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	Ĭ	65	65

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission-Information Disclosure Stmt	1806	1	180	180
	F-45	al in USD (	AL	245

Electronic A	cknowledgement 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)

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.
100	The Age of	IPVMCP02C1AmdATrans8-11	22731		j
- 1	Miscellaneous Incoming Letter	pdf	//(1/87295235)748 17264 F 90107()AL1]@iii 2046	no	
Warnings:	,				
Information					
100	Amendment/Req. Reconsideration-After	IPVMCP02C1AmdAasfiled8-11.	66579	100	V.
2	Non-Final Reject	pdf	(6 1a28463000a362476cne6) 210562a90ma db4a	no	15
Warnings:					
Information:	(-				
4	Transmittal Letter	IPVMCP02C1IDSTrans8-11.pdf	22626	na	2
3	Halishilla Letter	ir vimer ozerib 3 maris 6-11. pur	(AEresi9137291 ec 17(1 (A94)(19866) 11883) ab		
Warnings:					
Information					
4	Non Patent Literature	IPVMCP02CN-3rd-OA-4-11.pdf	4249265	no	11
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Warnings:					
Information:					
5	Information Disclosure Statement (IDS)	IPVMCP02C1-1449-8-11.pdf	22561	no	1
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Warnings:	-				

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 Depe	ndent Claim Pr	\$	\$			
				Total	\$00.00	\$

- M Applicant(s) hereby petition for a one-month extension(s) of time to respond to the aforementioned Office Action.
- X 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.
- $\boxtimes$ 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

Any. Docket No. IPVMCP02C1

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					Docket Number 98,995	Filing Date 04/14/2010		To be Mailed		
	AF	PPLICATION A	AS FILE		Column 2)	SMALL	ENTITY 🛛	OR		IER THAN
	FOR	N	JMBER FIL	ED NUI	MBER EXTRA	RATE (\$)	FEB (\$)		RATE (\$)	FEE (\$)
	BASIC FEE (37 CFR 1.16(a), (b),	or (c))	N/A	112	N/A	N/A		1	N/A	
	SEARCH FEE (37 CFR 1.16(k), (i), (		N/A	1 8 -	N/A.	N/A		1	N/A	
	EXAMINATION FE	E	N/A	- I	N/A	N/A		1	N/A	
	TAL CLAIMS CFR 1.16(i))		mic	nus 20 = '		X \$ =		OR	X S =	
IND	EPENDENT CLAIM CFR 1.16(h))	S	m	inus 3 =		X \$ =		13	X S =	
□ APPLICATION SIZE FEE (37 CFR 1.16(s))  If the specification and disheets of paper, the applies \$250 (\$125 for small eadditional 50 sheets or fr 35 U.S.C. 41(a)(1)(G) and		er, the application for small entity) sheets or fraction a)(1)(G) and 37	n size fee due for each n thereof. See				Ų,			
- #	MULTIPLE DEPEN he difference in colu					TOTAL			TOTAL	
		(Column 1)		(Column 2)	(Column 3)	SMAI	LL ENTITY	OR		R THAN LL ENTITY
AMENDMENT	08/08/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		FATE (\$)	ADDITIONAL FEE (\$)
OME.	Total (37 CFR 1.15(i))	- 20	Minus	20	= 0	X \$26 =	0	OR	X S =	
ž	Independent (37 CFR 1.16(h))	- 3	Minus	4	= 0	X S110 =	0	OR	X S =	
AM	Application Si	ze Fee (37 CFR 1	.16(s))						1000	
	FIRST PRESEN	VITATION OF MULTIF	LE DEPEN	DENT CLAIM (37 CF)	R 1.16(j)	2.73		OR		
						TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	
		(Column 1)		(Column 2)	(Column 3)			_		
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
EN	Total (37 CFR		Minus	27	=	X S =		OR	X S =	
$\geq$	Independent (37 CFR 1.16(h))	\$	Minus	1.00	2	X \$ =		OR.	X S =	
END	Application Si	ze Fee (37 CFR 1	16(s))						100	
AM	FIRST PRESEN	VITATION OF MULTIF	LE DEPEN	DENT CLAIM (37 CF	R 1.16(j))			OR	0	
						TOTAL ADD'L FEE		OR.	TOTAL ADD'L FEE	
22. If	the entry in column the "Highest Numbe I the "Highest Numb "Highest Number P	er Previously Paid per Previously Paid	For IN TH	HIS SPACE is less HIS SPACE is less	than 20, enter *20 s than 3, enter *3",	/LINDA	nstrument Ex WASHINGTO	N/	ier:	

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.uspio.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

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

09/29/2011

EXAMINER

DOAN, KIET M

ART UNIT PAPER NUMBER

2617

DATE MAILED: 09/29/2011

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
nonprovisional	YES	\$870	\$300	SO.	\$1170	12/29/2011

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:

L 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.

Page 1 of 3

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: 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

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			Fee pag hav	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, muchave 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 Unite States Postal Service with sufficient postage for first class mail in an envelop addressed to the Mail Stop ISSUE FEE address above, or being facsimit transmitted to the USPTO (571) 273-2885, on the date indicated below.			
						(Depositor's name)	
			-			(Signature)	
			1			(Dale)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	2	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
ITTLE OF INVENTION:	SYSTEMS AND PROCI	ESSES 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	
nonprovisional	YES	\$870	\$300	SO	\$1170	12/29/2011	
EXAMI	NER	ART UNIT	CLASS-SUBCLASS	]			
DOAN, K	M TEIN	2617	455-415000				
"Fee Address" indic PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN PLEASE NOTE: Unle recordation as set forth (A) NAME OF ASSIG	ess an assignee is identifi in 37 CFR 3.11. Comple	ndication form Use of a Customer OBE PRINTED ON ed below, no assigne	(B) RESIDENCE: (CIT	agent) and the names orneys or agents. If no printed.  perper patent. If an assigner i assignment.  Y and STATE OR CO	s of up to o name is. 3	document has been filed for roup entity  Government	
a. The following fee(s) a  Issue Fee Publication Fee (No	o small entity discount per		4b. Payment of Fee(s): (Ple A check is enclosed. Payment by credit ca The Director is hereb overpayment, to Dep	ard. Form PTO-2038 i	s attached. e the required fee(s), any d		
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nterest as shown by the re	ecords of the United State	s Patent and Tradema	rk Office.	the applicant, a regis	ered anomey or agent, or t	are assignee to outer party in	
Authorized Signature				Date			
Typed or printed name			Registration No.				
This collection of informa in application. Confidenti submitting the completed his form and/or suggestic Box 1450. Alexandria, Vi Alexandria, Virginia 2231 Under the Paperwork Red	iality is governed by 35 U application form to the U ons for reducing this burd irginia 22313-1450, DO N 3-1450.	I.S.C. 122 and 37 CFI ISPTO. Time will va- en, should be sent to to FOT SEND FEES OR	R 1.14. This collection is es ry depending upon the indi the Chief Information Offic COMPLETED FORMS T	stimated to take 12 m vidual case. Any con er, U.S. Patent and T O THIS ADDRESS.	inutes to complete, includi nments on the amount of it reademark Office, U.S. Dep SEND TO: Commissioner	nd by the USPTO to process) ing gathering, preparing, and time you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450,	



## 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 759	09/29/2011		EXAM	INER.
IPVENTURE, IN			DOAN, I	KIET M
5150 EL CAMINO SUITE A-22	REAL		ART UNIT	PAPER NUMBER
LOS ALTOS, CA 9	94022		2617	
			DATE MAILED: 09/29/201	t .

## 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:

- 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.
- 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).
- 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.
- 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.
- 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.

	Application No.	Applicant(s)		
	12/798,995	CHEUNG ET AL.		
Notice of Allowability	Examiner	Art Unit		
	KIET DOM	2017		
	KIET DOAN	2617		
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-88 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT IN of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED in 5) or other appropriate comming RIGHTS. This application is so	n this application. If not included unication will be malled in due cours	e, <b>THIS</b> he initiative	
1. A This communication is responsive to 08/08/2011 and exam	miner amendment attached he	ereto.		
2.  An election was made by the applicant in response to a re requirement and election have been incorporated into this action		during the interview on; the	restriction	
3. ☑ The allowed claim(s) is/are 1,3-5,8, 9 and 21-30.				
Acknowledgment is made of a claim for foreign priority und     a) □ All b) □ Some* c) □ None of the:	der 35 U.S.C. § 119(a)-(d) or	(f).		
1. Certified copies of the priority documents have	ve been received.			
2. Certified copies of the priority documents have	ve been received in Application	on No		
3. Copies of the certified copies of the priority d	ocuments have been receive	d in this national stage application fr	om the	
International Bureau (PCT Rule 17.2(a)).				
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the requiren	nents	
5. A SUBSTITUTE OATH OR DECLARATION must be subminFORMAL PATENT APPLICATION (PTO-152) which gi			E OF	
6. CORRECTED DRAWINGS (as "replacement sheets") mu	ist be submitted			
(a) Including changes required by the Notice of Draftspe		w ( PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date	_			
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	r's Amendment / Comment or	r in the Office action of		
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			) of	
<ol> <li>DEPOSIT OF and/or INFORMATION about the deposit of attached Examiner's comment regarding REQUIREMENT F</li> </ol>				
Attachment(c)				
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. Notice of In	formal Patent Application		
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	) 6, ⊠ Interview S	ummary (PTO-413).		
3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 08/08/2011		/Mail Date <u>09/27/2011</u> Amendment/Comment		
4. Examiner's Comment Regarding Requirement for Deposit	8. X Examiner's	8. X Examiner's Statement of Reasons for Allowance		
of Biological Material	9.  Other			
/Kiet Doan/ Primary Examiner, Art Unit 2617				
U.S. Patent and Trademark Office PTOL-37 (Rev. 03-11)	Notice of Allowability	Part of Paper No./Mail Da	ate 20110928	

	Application No.	Applicant(s)
Evaminar Initiated Interview Com-	12/798,995	CHEUNG ET AL.
Examiner-Initiated Interview Summary	Examiner	Art Unit
	KIET DOAN	2617
All participants (applicant, applicant's representative, PT	O personnel):	
(1) <u>KIET DOAN</u> .	(3)	
(2) <u>Peter Tong</u> .	(4)	
Date of Interview: 27 September 2011.		
Type: ☐ Telephonic ☐ Video Conference ☐ Personal [copy given to: ☐ applicant	applicant's represent	ative]
Exhibit shown or demonstration conducted: Yes If Yes, brief description:	⊠ No.	
Issues Discussed 101 112 102 103 0 (For each of the checked box(es) above, please describe below the issue and de		
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 agreem reference or a portion thereof, claim interpretation, proposed amendments, argued Discussed with applicant's Representative Peter Tong re-	oments of any applied references etc	-1
to place application for condition of allowance, see office	action.	
Applicant recordation instructions: It is not necessary for applicant t	o provide a separate record of th	e substance of interview.
Examiner recordation instructions: Examiners must summarize the state of an interview should include the items listed in MPEP 7 general thrust of each argument or issue discussed, a general indication general results or outcome of the interview, to include an indication as the state of the interview of the interview.	13.04 for complete and proper re n of any other pertinent matters of	ecordation including the identification of the discussed regarding patentability and the
☐ Attachment		
/Kiet Doan/ Primary Examiner, Art Unit 2617		
S: Patent and Trademark Office TOL-413B (Rev. 8/11/2010) Intervi	ew Summary	Paper No. 20110928

Application/Control Number: 12/798,995

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

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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.

Art Unit: 2617

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,

Art Unit: 2617

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.

Application/Control Number: 12/798,995

Art Unit: 2617

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.

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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

/Kiet Doan/ Primary Examiner, Art Unit 2617 Page 8

Form 1449 (Modified)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	April 14, 2010
	Group	2617
(Use Several Sheets if Necessary)		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	Jan06	Thomas et al.			
/K.D./	2.	7,188,073 B1	Mar07	Tam et al.			
/K.D./	3.	7,729,688 B2	Jun10	Cheung et al.			
/K.D./	4.	7,890,128 B1	Feb02	Thomas et al.			
+ - +	5.						1
	6.			7.2			
	7.						

# Foreign Documents

						Tran	slation
Init.	Document No.	Date	Country	Class	Subclass	Yes	No
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27/2011	Date Considered 09	/Kiet Doan/	Examiner
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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.	Applicant(s)/Patent Under Reexamination
12798995	CHEUNG ET AL.
Examiner	Art Unit
KIET DOAN	2617

SEARCHED						
Class	Subclass	Date	Examine			
		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	1	KD			
	527		KD			
370	444		KD			
	336	1	KD			
	395.2207		KD			
709	225		KD			

Search Notes	Date	Examine
	4/7/2011	
inventor Search		KD
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	

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 SE	EARCH	
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").FN.	US- PGPUB; USPAT; USOCR	PGPUB; USPAT;	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; DERWBNT	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	(server (base near station) computer) with access\$3 with priorit\$3 and (wife (girl nea 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		US- PGPUB; USPAT;	OR	OFF	2011/09/20 13:04

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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

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

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# EAST Search History

# EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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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 restrick\$3 block\$3) with (mobile wireless handheld portable pda) and access\$3 near3 priorit\$3 and (restrick\$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 (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; 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

		"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.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; EPO; JPO; DERWENT	OR	OFF	2011/09/20 13:04
\$22	5	("20010051915"   "20040073814"   "20040260709"   "20040264697"   "5634197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 13:05
\$23	1	12/798995	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 11:09
\$24	4	"729688".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/27 11:11
\$25	2	"7729688".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2011/09/27 11:11

			DERWENT; IBM_TDB			
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9/27/2011 4:48:56 PM

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

		ORI	GINAL							INTERNATIONAL CLA	ASSIFICA	NOITA
	CLASS	-		SUBCLASS	7				CI	AIMED	NO	ON-CLAIMED
455			415			(H.	D	4	М	3 / 42 (2006.01.01)		
	0	DOSS DE	EEDENC	E(C)		H	Ö	4	W	4 / 00 (2009.01.01)		
	CROSS REFERENCE(S)						D.	4	M	3 / 00 (2006.01.01)		
CLASS	SU	BCLASS (C	NE SUBCL	ASS PER BLO	CK)		$\mathbb{Z}$					
455	.411	412.1	412.2	435.3		1	7					
379	265,09		- 14				1					
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	Claims re	numbere	ed in the sa	ame orde	er as prese	nted by	applicant		СР	Α [	] T,D.		☐ R.1.4	47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
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NONE		Total Claims Allowed:			
(Assistant Examiner)	(Date)	16			
/KIET DOAN/ Primary Examiner Art Unit 2617	09/27/2011	O.G. Print Claim(s)	O.G. Print Figure		
(Primary Examiner)	(Date)	1	2		

U.S. Patent and Trademark Office

Part of Paper No. 20110928

#### 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.	151	Previously submitted
a.	i.	Consider the amendment/reply under 37 C.F.R. §1.116 previously filed or  . (Any unentered amendment referred to above will be entered.)
	ii.	Consider the arguments in the Appeal Brief or Reply Brief previously filed
	III.	Other
b.	$\boxtimes$	Enclosed
	i.	
	ii.	Affidavit/Declaration
	iii.	<ul> <li>✓ Information Disclosure Statement with Form PTO-1449</li> <li>✓ Copies of IDS Citations</li> </ul>
	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).
- 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 Depe	ndent Claim Pr	esent and	Fee Not Previo	usly 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

Aity: 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.

(Cancelled)

- (Currently amended) The non-transitory computer-implemented method as recited in claim 1, wherein the access priority of the person is <u>allowed to be</u> 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.
- (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.
- (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.

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Appln. No. 12/798,995

Docket No. IPVMCP02C1

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 <u>previously captured and</u> 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

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

Appln. No. 12/798,995

Docket No. IPVMCP02C1

- 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 <u>allowed to be</u> 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

Appln. No. 12/798,995

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)
- (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.

Appln. No. 12/798,995

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,

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.

1

Appln. No. IPVMCP02C1

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

#### **U.S. Patent Documents**

Examiner Initial	No.	Patent No.		Date	Patentee	C	lass	Sub		Filing Date
	1.	2002/014	2756 A1	Oc02	Rutledge et al.					
	2.	2005/0027385 A1		Feb05	Yuch			-		
	3.	2006/023		Oct06	Joseph et al.					
	4.									
	5.									
	6.				-74					
	7.					1111				
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Init.		ocument No.	Date	Coun	try	Class	Sub	clas	Yes	No.
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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.

Electronic Pat	tent Appli	ication Fe	2 Transmit	tal	
Application Number:	1279	8995			
Filing Date:	14-Apr-2010				
Title of Invention:		EMS AND PROCE MUNICATION	SSES TO MANAG	E MULTIPLE MOD	ES OF
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
		al in USD (	41	465

Electronic A	cknowledgement 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
rirst Named Inventor/Applicant Name:	Kwok Wal 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

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

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)

-	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
100	Request for Continued Examination	IDVAACDOOCADCET O.A.T 16	28328	no	2
-1	(RCE)	IPVMCP02C1RCE12-11.pdf			
Warnings:	,				
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Information:					
2	Miscellaneous Incoming Letter	IPVMCP02C1AmdBTrans12-11.	17396	na	1
- 19		pdf	dala241(9a45a935752e92d33d888661dffc) -585a		
Warnings:					
Information:					
3	Amendment Submitted/Entered with	IPVMCP02C1AmdBasfiled12-11.	43857	no	g
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4	Transmittal Letter	IPVMCP02C1IDSTrans12-11.pdf	20391	no	2
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Warnings:					
Information:					
5	Information Disclosure Statement (IDS)	IPVMCP02C1-1449-12-11.pdf	19466	no	i
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6	Fee Worksheet (SB06)	fee-info.pdf	30791	ng	2
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Warnings:					

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.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/798,995		Filing Date 04/14/2010		To be Mailes	
	AF	PPLICATION A	AS FILE		Column 2)	SMALL	ENTITY 🛛	QR		IER THAN
	FOR	N	JMBER FIL	LED NU	MBER EXTRA	RATE (\$)	FEE (\$)		BATE (\$)	FEE (\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))		or (g))	N/A		N/A	N/A		1	N/A	
BEARCH FEE (37 CFR 1.16(k), (i), or (m))			N/A	1.	N/A.	N/A		1	N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		E	N/A	71	N/A	N/A		1	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))			mic	nus 20 = *		X \$ =		OR	X S =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))		S	m	inus 3 =		X \$ =			X S =	
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APPLICATION AS AMENDED - PART II  (Column 1) (Column 2) (Column 3)				SMAL	LENTITY	OR		R THAN LL ENTITY		
AMENDMENT	12/12/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
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		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
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$\geq$	Independent (37 CFR 1.16(h))	-	Minus	400	9	X \$ =		OR	X S =	LI L
AMEND	Application Si	ze Fee (37 CFR 1	16(s))			( F 5)			4	
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**	he entry in column ' the "Highest Numbe I the "Highest Numb "Highest Number P	er Previously Paid per Previously Paid	For IN TH	HIS SPACE is less HIS SPACE is less	than 20, enter "20" s than 3, enter "3".	/JASON	nstrument E) N EADDY/ opriate box in colu		ier:	

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.uspio.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

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

12/798,995

01/03/2012

04/14/2010

EXAMINER DOAN, KIET M ART UNIT PAPER NUMBER

3193

2617 DATE MAILED: 01/03/2012

IPVMCP02C1

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. Kwok Wai Cheung

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 nonprovisional YES \$870 \$300 SO \$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. 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

#### HOW TO REPLY TO THIS NOTICE:

L 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.

Page 1 of 3

# 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

34071 IPVENTURE, 5150 EL CAMII SUITE A-22 LOS ALTOS, C	7590 01/03/2 INC. NO REAL		Fee pag hav	e(s) Transmittal. This certific pers. Each additional paper, re its own certificate of maili Certificate of the certificate of	g deposited with the United ist class mail in an envelope above, or being facsimile ate indicated below.				
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12/798,995	04/14/2010		Kwok Wai Cheung	10000	VMCP02C1	3193			
APPLN. TYPE nonprovisional	SMALL ENTITY YES	ISSUE FEE DUE \$870	PUBLICATION FEE DUE \$300	PREV. PAID ISSUE FEE \$0	TOTAL FEE(S) DUE	DATE DUE 184/03/2012			
EXAM	IINER	ART UNIT	CLASS-SUBCLASS						
DOAN,	KIET M	2617	455-415000						
"Fee Address" ind PTO/SB/47: Rev 03-0 Number is required.  3. ASSIGNEE NAME A PLEASE NOTE: Uni recordation as set fort (A) NAME OF ASSIGNAME	ND RESIDENCE DATA less an assignee is identifi h in 37 CFR 3.11. Comple	Indication form LUSE of a Customer TO BE PRINTED ON led below, no assigne etion of this form is N	registered attorney or 2 registered patent attelsted, no name will be THE PATENT (print or type data will appear on the 1 OT a substitute for filing ar (B) RESIDENCE: (CIT	pe) patent. If an assignee is ide	to is 3	document has been filed for coup entity			
ia. The following fee(s)  Issue Fee Publication Fee (N Advance Order - #	No small entity discount pe		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).						
Property of	tus (from status indicated as SMALL ENTITY status		b. Applicant is no los	nger claiming SMALL ENTI	TY status, See 37 C	FR 1.27(g)(2).			
NOTE: The Issue Fee an		red) will not be accep	ted from anyone other than	the applicant; a registered at					
Authorized Signature				Date					
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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, Virginsa 22313-1450 www.nsplo.gov

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 12/798.995 04/14/2010 Kwok Wai Cheung IPVMCP02C1 3193 EXAMINER 34071 01/03/2012 7590 IPVENTURE, INC. DOAN, KIET M 5150 EL CAMINO REAL ART UNIT PAPER NUMBER SUITE A-22 LOS ALTOS, CA 94022 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:

- 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.
- 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).
- 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.
- 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.
- 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.

	Application No.	Applicant(s)	
	12/798,995	CHEUNG ET AL.	
Notice of Allowability	Examiner	Art Unit	
	MET DOM	2017	
	KIET DOAN	2617	
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in 35) or other appropriate comming RIGHTS. This application is s	n this application. If not included unication will be malled in due cours	se, THIS
1. ☑ This communication is responsive to 12/12/2011.			
2.  An election was made by the applicant in response to a requirement and election have been incorporated into this action.		during the interview on; the	restriction
3. X The allowed claim(s) is/are 1,3-5,8,9,21,22,24-27 and 29	<u>-36</u> .		
Acknowledgment is made of a claim for foreign priority ur     a) □ All b) □ Some* c) □ None of the:	nder 35 U.S.C. § 119(a)-(d) or	(f).	
1. Certified copies of the priority documents ha	ave been received.		
2. Certified copies of the priority documents ha	ave been received in Application	on No	
3. Copies of the certified copies of the priority	documents have been receive	d in this national stage application f	rom the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DAT noted below. Failure to timely comply will result in ABANDOI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the require	ments
5. A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which g			E OF
6. CORRECTED DRAWINGS ( as "replacement sheets") m	ust be submitted.		
(a) Including changes required by the Notice of Draftsp	erson's Patent Drawing Review	w ( PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date	_		
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	er's Amendment / Comment o	r in the Office action of	
Identifying indicia such as the application number (see 37 CFI each sheet. Replacement sheet(s) should be labeled as such it			k) of
<ol> <li>DEPOSIT OF and/or INFORMATION about the deposit of attached Examiner's comment regarding REQUIREMENT</li> </ol>			
Attachment(c)			
Attachment(s)  1. Notice of References Cited (PTO-892)	5. Notice of In	formal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-94)	B) 6. ☐ Interview S	ummary (PTO-413).	
3. ⊠ Information Disclosure Statements (PTO/SB/08),		/Mail Date Amendment/Comment	
Paper No./Mail Date 12/12/2011 4. ☐ Examiner's Comment Regarding Requirement for Depos	it 0 M Evaminada	Clatament of December for Allegian	
of Biological Material	9. ☐ Other	Statement of Reasons for Allowand	ce
/Kiet Doan/ Primary Examiner, Art Unit 2617			
U.S. Patent and Trademark Office PTOL-37 (Rev. 03-11)	Notice of Allowability	Part of Paper No./Mail D	ate 20111228

Application/Control Number: 12/798,995 Page 2

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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 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

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Art Unit: 2617

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.

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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

/Kiet Doan/ Primary Examiner, Art Unit 2617 Page 5

#### Applicant(s)/Patent Under Application/Control No. Reexamination 12/798,995 CHEUNG ET AL. Notice of References Cited Art Unit Examiner Page 1 of 1 KIET DOAN 2617 U.S. PATENT DOCUMENTS Document Number Date Name Classification Country Code-Number-Kind Code MM-YYYY US-7,224,775 B1 05-2007 Shaffer et al. 379/88.16 US-В C US-D US-US-E US-F US-G US-H US-US-J K US-US-US-M FOREIGN PATENT DOCUMENTS Date Document Number Country Name Classification Country Code-Number-Kind Code MM-YYYY N 0 P Q R S NON-PATENT DOCUMENTS Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) Х

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.

U.S. Patent and Trademark Office PTO-892 (Rev. D1-2001)

Notice of References Cited

Part of Paper No. 20111228

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

#### **U.S. Patent Documents**

Examiner Initial	No.	Patent No.		Date	Patentee	C	lass	Sub		Filing Date
/K.D./	1.	2002/014	2756 A1	Oc02	Rutledge et al.					
/K.D./	2.	2005/002	7385 A1	Feb05	Yuch			-		
/K.D./	3.	2006/023	9419 A1	Oct06	Joseph et al.					-
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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.



# 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 Alexandrin, Vinginia 22313-1450 www.mpio.gov

# **BIB DATA SHEET**

## **CONFIRMATION NO. 3193**

SERIAL NUMBER 12/798,995	FILING or 371 DATE 04/14/2010 RULE	3:3	CLASS 455	GROUP ART 2617	34.50	DN  ng) cessing Ext. of time)
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NONE (Assistant Examiner)	(Date)	Total Claim	ns Allowed:
/KIET DOAN/ Primary Examiner.Art Unit 2617 (Primary Examiner)	12/28/2011 (Date)	O.G. Print Claim(s)	O.G. Print Figure

U.S. Patent and Trademark Office

Part of Paper No. 20111228

A. M. G. Lander	Application/Control No.	Applicant(s)/Patent Under Reexamination
Index of Claims	12798995	CHEUNG ET AL.
	Examiner	Art Unit
	KIET DOAN	2617

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U.S. Patent and Trademark Office

Part of Paper No. 20111228

## 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"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/12/28 15:32
12	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"/\$.ccls.	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) 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
S1	2	"7729688".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 00:48
82	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	О	(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		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.		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
\$20	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

	17200000		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".рп.	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 restrick\$3 block\$3) with (mobile wireless handheld portable pda) and access\$3 near3 priorit\$3 and (restrick\$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

	ATT DATE OF THE PARTY OF THE PA	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

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# Search Notes

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

SEARCHED				
Class	Subclass	Date	Examine	
		4/7/2011		
455	414		KD	
709	217	112	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 NOT	TES	
Search Notes	Date	Examiner
	4/7/2011	
inventor Search		KD
Eats Saerch		KD
releated case history search 11/452,115		KD

SEARCH NOTES				
Search Notes	Date	Examiner		
(portal web websité (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)	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		

	INTERFERENCE SEARCH				
Class	Subclass	Date	Examiner		
		9/20/2011	17,7		
709	207	11 12 22 23 2	KD		
	206		KD		
	219		KD		
		12/28/2011			
709	253	1	KD		
379	88.16		KD		

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

#### U.S. Patent Documents

			U.S.	Patent I	Documents					
Examiner Initial	No.	Patent No.		Date	Patentee		Class	Sub		Filing Date
	1.									
	2.									
	3.									
7.71	4.	11.7	- 1							
	5.									
	6.	11				- 1				
	7.	11.								
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Init.	To	ocument No.	Date	Cour	ntry	Class	Subc	lass	Yes	No
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	Othe	r Documents	(Includin	a Autho	Title Date I	Pertinen	t Page	e et	c 1	
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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.



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北京市海亚区加春縣 49 省金製码到 3 号模 7 劢 0707 北京化縣知识产权代理事务所

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发叉目记

2012年01月06日



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申请号波专利号: 20006	81NY27964.9		发文序	(): 201201620003	5650
申请人议专利权人: 《	/有例便有限公司				₩(m)
发明的数名称。 音叫	epanetina	<u> Angra</u>			
□申請不得合學科 □申請不符合學科	支援的制第 53 条的 以第 2 条第 2 数的) 第 5 条以 8 第 25 章 支第 3 条第 1 数的) 支第 20 条第 1 数的 次第 22 条的积定。	規定。 ・規定的不 規定。 ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・	定基图上化。 泛予中间模型 的线点。 则类 26 条的	定 申請 ) 所用 一张图的 所题。	花瓣 統立

2008年1月29日晚交泊说明书第1-44股、促胜书的图、说些书属更 构要组制。

未模据专利法第 11 条及实施维制等 60 条约规定、申请人对本报则决定不服的。可以在收到本及定之日底 3

事查位: 汤桶丸

聚基电话: 010-82046041

图下种中间来作进行的。

个月内间专利复审委员会请求复审。

2010年7月26日福芝的权利要求第1-32项。

好食部门 协作中心

210468 2010 2 整件申请、引品资格、1600%。企业本面区第17种数上数据专用、参加数据产业总量。 电子申请、最高进程电子专用申请各项以电子文件形式模文相关文件、数号和发程外、设置。2010年10日间报文的 文件设为未提文。



## 驳回决定

(選入開家阶度的 PCT 申请)

单第号-2006800279649

本般阿亞定數及申請人告刊例投資限公司于 2006 年 6 月 7 日间间等局提出的预需申请号为 PCT/US2006/022015 的 PCT 发明专利申请, 沈先权日为 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、国家经投申请与为 200680077964.9、发歷名称为"智歷多种通讯模式的系统和且相"。

#### - 薬曲

申請人亦本 PCT 申請进入中国国家的技術、提文的申请文件包括权利表示书。投票书。或明书图图、或明书编要和编要的题。以中校利要非书包括 4 项标立权利要求和 29 项从高权利要求。

应申请人于 2008 年 5 月 13 日提出的实理审查请求。申查月对本申请进行了实现审查。并于 2010 年 3 月 26 日央出了第一次审查意见通知书。指出:权利要求 1-5,10-1921-28 不具备分割法第 22 条第 2 数规定的新 鞍件, 权利需求 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、US260SA041048A1、公开日期 2003 年 2 月 27 日:

■ 利比文件 2、US5930780A、公开目前 1899 年 7 月 27 日。

申请人士 2010 年 7 月 26 日针对第一次审查额见谢知书级交子激光除述者和申请文件得给更。将能从账 权利要求 7 的附加技术特征加入到所权利要求 1.11,25 中形成形的权利要求 1.10,22。并对新的权利要求 1.0 年 22 作了适应性的修改,同时修建了新提交的权利要求 1.32 具有新颖性和创造性的相应。

中面位于2010年10月25日发出了第二次业业高级电流均书。请由权利原来 1-32 不具备专利法第 27条第 3 赎规定的创造性。引用了新的对比文件 3。CN14539814、公司目期 2933 年 11 月 5 日。

事该人于 2011 年 1 月 10 刊针对第二次库查意思通知与提供了黑光路途书。按准了权利要求 1-32 具有创造性的项目。原来对中国文件现行体设。

事查员于2011年4月8日至出了第三次审查意见混划书,转续采用证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 数规定的创造性。

申請入于2011年3月31日前对第三次审查意见通知的提及了意见陈述书。但未对申请文件进行协议。 包除这了权利要求1/32 其有创意性的理由。以为:C1)对比文件3 没有被第"是要用户可以接收消息。呼叫 着并不了解用户的锡触信息,从则避免呼叫者未停集于网络入口直接发送消息绘用户。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人口直接发送消息给呼叫者"。接 行技术 CN12386364 中的练时也读号码。GB23017304 中的整翼身份技术、以及呼叫而转等也不同于本申请 中的阻断联系信息的技术。(2) 对比文件1 没有被靠"配置——整备程度的机构"。

基于上述內容、審查提及內本業事实已经消費、並作出本模回決定。此決定所計划的审查文本是按原連 入中規模案阶級因提交的例如申请文件中文文本中的認明书等 1-44 股。详明书限期图 1-5 使明书接受、简 新期限。以及 2010年 7 月 26 日港交的权利要求 1-32 项。

#### 二 級回埋出

210408

(一) 权约要求 10-14.17-23.26-32 不是备专利法第 22 条第 3 款规定的创造管

1、权利要求 10 请求保护一种基于网络人口为一个技物者曾建造入通讯的库文件 1 (US2003/b041048A1)公开了一种计算机执行的通讯管辖系统和方法。基础10015[附):存具情核器下以下特征《家见应明书第[0034]段第 10-11 行。表 1。

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醉叫者姆叫使用者。直呼叫者可以使用糠益、严密等设置或改停用的优先级《相当于"接收来自一个请 朱老的第一通过数型的流入運訊诱求"。更泛明书第196341度第 10-11 行为

通过访问使的者定义的规则正求确定呼叫优先级。现购除中包含了呼叫者身份。呼叫优先级、使用者值 状态和位置等信息和规则,《相语平"希于接收者提供的信息、确定请求者的信取得联系的优先级"。 易產明 书第60211段第4.7 行, 第100261段第14 行。阳图 3);



权利需求 的 请求保护的技术为案与对比文件 1 的区别在于,尽管核或者群以橡取消息。但是请求者并不 了解接收者的徐健强度。从而避免请求者来得等于网络人口直接发送消息给接收者。并且5乘煮尽管接收者证 以搜收消息。但是铁收者并不了解请求者的接触信息。从而避免预收者未经基于网络入口息接发逐渐更给请 准备。第十核区别技术特征可以通定。权利要求 t0 相对于对此文件主实的姿解冲的技术问题是。在通讯过报 中逾藏透電器報/經濟收養的字解联系方式以保护預产變品。对比文件 3 (CN1453981A) 公开了一种电话蹦出 为治及装置,并具体接靠了每下技术特征。通讯过程中利用了起蔽通讯服务系统。当设定以底距的难蔽感讯 程码均外界通讯时,周初用户的最始电话写码即被难蔽,拨行电话与外界通讯时,接收方的途电最至不会显 示操作力的短め电话号码。以保障费行方的个人隐私工相当于"尽管接收者可以接收消息,但是接收者并不 丁醇请求者好决触信息,从而避免模收者未经验被通讯服务直接发送前总给请求者"。参见经用书第 2 王第 18-21 行。對廣 1)。电话用户设定开启建蔽通讯服务功能时,电话用户系开放以逾藏通讯代码与外界通讯。 夜知進藏蔥出代码的特定人士。能够利用电话用户形式上的进讯电话号码,期遊蘇維讯代码,与电话用户保 转通讯,以谢进和钻翔户的个人隐私。相当于"尽管接收若可以接收消息,但是诸求者并不了继接收者的接 納信息、从而避免清末者未经進載通訊服务系統距照及送消息的接收者"。 發某说明书第4 質閱報第5 行產第 5 更第 2 行 ),且上述技术特征在对比文件 3 和本申请牛的作用相同,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》以解决实技术问题的启示。毕擎对比文件3中的采用的最端服务识别 參系隊, 助止機打力用戶不選过國系經查榜联系用户/權打力, 魏斯对本领域技术人员來说。崇樂與於第子对 比文件工研会开始网络入口的。将对比文件工中的遗憾强讯服务系统直接设置于对比文件工的网络入口中。 基而避免清末者/按收者未包集于网络入口直接最迷海总给整收者/请求美。这也是容易想到。由此可是一直对 比文件工的基础上结合对比文件多以及本领域的推用技术手段以提到该权利要求请求保护的技术互家。对于 本领域技术人名来说是显演易见、因此初到要求 10 不具有突出的实质性将点净最著的进步、磁带不具备创造 物.

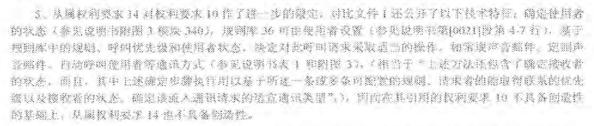
- 头单枚和原果 D.对权利要求 10 作了这一步的限定。对比文件 1 还公开了以下技术特征。据则许 36 包含了好叫者身份、呼叫使先缴、使用者的依据和位置等信息和规则(参连证明书第10026]股第 1-4 行为 由 咨明书图图1可知, 搜则度36 通过递讯节点16 和通讯网络18 解接, 使用者38 通过通讯网络18 来设置规则 作《见政斯书第[0021]搜集 4-7 行》。南通风网络可以是广坡网。例如至距网、万维网或其它在玻服务《参见 ·益明·特第Do151股第 15-18 行)。《福尚子》新述一条撰多集可撰實的規則和/成為信息由修收者通过与一个两 动的相互作用配置"),因用在其引用的权利要求 10 不具备创造性的基础上。从展权利要求 11 也不具备创造 势...
- 从黨权利應並 (2 對稅有要求 10 作了进一事的隐定。对批文件 1 还公共了以下技术特征、规则所 36。 包含了好明者身份。好明优先级、使用者的技术和位置等信息和规则(参见项册书等100% 规则库 36 可由使用者设置(参见商明书第1902日股第4-7行为(相当于"其中一条 访信意诚存在一个数据库中")。图图在其识别的权利要求 10 不具备创造性的基础 2.条何点性。
  - 4、从黑权利要求13 对权利要求10 作了进一步的单定。 被对比文件工还公

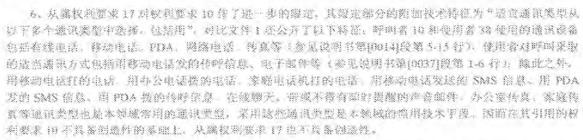
统约申请、旧场通管、100000 21平中海淀区部门移为土地路专号 210498 HEROTE PART 2010 2 电子申请、应当还过电子各对申请多批以电子文件形式模支相关文件。常另有规定外 THUS HE SON 文件经为来提交。

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量或基地证明的进行通讯时、使用者选择的通讯方式可以是常规查查邮件和特得信息《相当于"通宜的通讯 类型与第一通讯类型不同"。参见规则书套1第2行法。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。





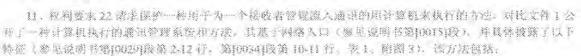
- 7、从果故利要求 18 对权利要求 10 作了这一步的制定。对比文件 1 是公开了以上技术特征。稳定使用查的状态(80 是设用特别 3 经济 340 )规则库 16 可由使用者设置(参见资明 60 第1602 11股票 4-7 行。基于被网络中的规则。和基于以下一个成本个信息。呼问时间、听问者的基础状态和设置。决定对此所可谓未来取造当的操作,加度战严者部件。定制严备邮件。自动时间使用者等通讯方式(参见设明书表 1 和附属 3 )。工程而于"上述方法还结析确定预收者的状态,并且多中。上述确定少规数片用以覆上所述一条或多杂可配数的规则。以及等于一个成多个以下因素。以或人通讯资本的时间。有关律收者由和标功的一类信息。以及按收者的当地位置、确定改造入通讯或条约运页通讯类型"。提明在认识例的权利要求 10 不具备的原理的基础上,从属权利要求 18 也不具备的原理。
- 8、解放利亚来 19 劫权利参求 10 作了进一步的效应。对让文件 2 (1083930700A) 公开了一种通讯管理系统和力法。并具体被塞了以下技术特征、呼叫者的优先级可以搜继使用者对该呼叫者此次应则请求的答复物况而实现更新《多克德明书》 12 栏》 65-67 行。附别 12 的。由对权利亚多 10 的评之可如,基于得明者的优先级确定适宜的通讯类配。因此,对于该呼叫者 5 一次的呼叫请求,使可以出于更新后的呼叫者优先级来确定采取与第一次相同的通讯类型。《相当于"通查通讯类型的确定步骤通过学习更加智能短识别适宜的通讯类型"。 目 基在权利股末 19 和对比文件 2 中所和年报相同,如是使果就我有简单的智能是比和学习功能、使于使用者的操作。也就是谈对比文件 2 给出了将上还收率待在应用于对比文件 1 以解决某技术问题的启示。因此在对比文件 1 的基础上结合对比文件 2 对比文件 3 以及本部域的资用技术于我以得的从规模到要求 19 流来保护的技术方案、对本领域技术人员来也是复而易见的。他而在基础用的权利要求 10 不具备创造性的领域上,从属权利要求 19 也不具备创造性的领域上,从属权利要求 19 也不具备创造性的领域上,从属权利要求 19 也不具备创造性的
- 9、从海拔利聚率 20 时权利聚率 16 有了进一步的稳定。对比文件 1 还会并了以下技术特性。如果时间将 对价未加,则是论何种呼叫优先级、何种使用者状态和位置。何种时间,对此呼叫诱求。 产者如件(相当于"上处确定还宜的通讯类型。包括过滤话道入通讯技术"。参见或《文学》的《文学》(行, 表 15 例的版 36 可由使用者投资、参见规则下等190211段第 4-7 行,等于规则《文学规则和呼问》)。 并定对此呼叫请求采取适当的操作。例如产品邮件、估理信息等(相当下"施丁》——东京《东河西等证》 则以及请求者的能取得联系的优先级。该流入通讯请求资的则另一种农业行机的《对类型》。 和制格 3 )。此外、均于本等域技术人员来说、对于某些不互合的或被约《黑名单》等可以。而是也可以。

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拒绝基础设计录,以提高该通讯管理方法的安全性,这是本领域的惯用性学于段。因此,在其引用的权利要求,19 不具备创造性的基础上。从属权利整束 20 也不具备创造性。

10. 从课权科要求 21 对权利要求 10 至 20 作了进一步的散定。对比文件 1 还公开了以下技术特征。规则 练 36 模定采取的運訊类型可以是声音邮件。放纳时间特核到管理助于。各用电话设备、无线值总设备、成转移给个人助理并以即则消息的方式转发给使用备等(相当于"把第一通讯类型的混入通讯请求转移的一个通查的通讯类型的通讯会协中"。参见说明书準[0629]应第 2-12 行 7、因而。在其引用的权用要求 10 至 20 之一不真备创始性的基础上。从据权利要求 21 也不具备创始性。



- (a) 呼叫者呼叫使用者, 具呼叫者可以使用键盘, 声音等设置武次呼叫的优先级(相当于"接收指向接收者的意义通讯语求"。 足说明书第[0634]政第 19-11 行为
- (b) 确定时间看着分。呼叫优先级、使用着的状态和位置等信息,并访问规则库决定如何对该进讯请求 进行操作;相当于"基于该输入通讯请求、确定适用于处理极向设接收看的通讯请求对使用的预定通讯处理 标准"、规划两书程图3模块3505
- (c) 根据期间库中的原则、杂定采取间种通讯类型、例如声音邮件、成為呼问单移创管程助手、备用电话设备、无线信息设备、按转移命个人助理并以即时消息的方式转发给使用者等《相当于"某于涉贯定建设处理标准、确定是否及如何把该流入通讯请求转转调多个通讯模式中的一个转度请讯模式"、多类按明书第40029[附第2-12 行、附款3 模块 360)。
- (d) 执行上述决定中所选择的通讯模式《相当于"自动的该源入通过清求转移到该特定通讯模式、如果 确定如此的话"。斯图 3 模块 270 %

报知要求 2) 跨黑线炉的技术方案与对比文件 1 的区别在十、尽管接收者可以继收消息。伯曼德朱青并不 了解裸收者的轻触信息,从而避免婚求者未绝基于网络人口直接发送的总统接收者,并且/或者尽管接收者用 む接帳網盤、但基接收者并不了解请求者的接續結束。从問題免後收署未添基于內絡入口直接定逐網是始請 来看。第子海区别技术特征可以确定、权利要求22相对于特征支件主实得要解决的技术问题是。在通讯过程 中端纖漆主者和/原模收者的实际贸易方式以保护用户隐私。对论文件3(CN1453981A)公开了一种电话通讯 为法及德智。并具体模据了似于技术特征、逐论过程中利用了难勒通讯服务系统。当最定以虚假的离破通讯 代陽母外睾道阻射,电话用户的源始电话号码即被递赢,数打电话与外界通讯时,移收方的图电器是不会量 崇拨自穷的废始电话号码,以保修拨訂方的个人隐私《相景于"尽管核收者可以接收消息,但是接收者并不 了解请求者的接触信息。从而避免按收者未经建藏蓬出服务直接发现海息给清晰者"。都见说明书第 2 页第 18-21 行、網裝 10, 电试用户改定开启建被通讯服务功能时、电流组产系开放联盟被通讯代码与外养通讯。 仅细胞被追风代码的转定人士,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,以撤进电话组产的个人遗私《相恋子"尽管接收者可以接收消息,但是遗录者并不了解接收者的接 級的是,其高麗化濟水者未經維數通訊服务系統直接发送消退給接收者"。夢至提明甚第4页倒數第5百至第 5.更第2行。 具上滤线率增强在对化文件 3 年本中透中的作用相同。均是保护用户的隐私,即对化文件 3 第 也了将上途技术转征应用于对比文件1以解决其技术问题的组示。尽管对比文件3个的采用的基础被摄讯服 务系统, 能主拨打有/用户不题性该系统直接联系用户/拨打方。然而对本部域技术人员并 达文件 1 所公主的网络入口时。将对此文件 3 中的思报通讯服务系统复数设置于对域 从而避免请求者/接收者未经基于网络人口直接发送流息给接收者/请求者,这也是必是提高。 幼文件 1 的基础上结合对抗文件 3 以及本领域的偿用技术系数以得到该权相要<del>观察或</del>保护的 本领域技术人员外说是是前导见。温此权利要求 22 不具有灾害的购质性特点和 益.

216408 新州市市、河流通路 100098 北京市等的区域(TRELIAN 19 阿米米的广泛的 1000年12 第二中市、沿面通过用于专村中等系统过度于文件形式提及相关文件。在另有近2月,以中间的工程的文件的文件的大路等

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12. 从属权利要求 25 对权利要求 22 作了进一步的原定。对此文件 1 还公开了以下技术特征。规则用 36 但含了可同看自分、好同优先级、使用者的状态和位置等信息和规则 1 多见证明书第[0026]段第 1-4 行 7 前规则单 36 可由使用者设置(指含于"通讯处理标准的企业一个属性运被收者决定"。 参见证明书第[0021]段第 4-7 行 7,采取的通讯类型可以是物理回转移到管理助手、备用电话设备、无线信息设备、设转移给个人助理 并以即时而是的方式转发的使用表等(相当下"多个通讯经过生少性甚至种漏讯模定"。 参见证明书第[0029] 股第 2-42 行 2 图面在其写用的权利要求 22 不具备创造性的基础上,从累权利要求 23 也不具备创造性。



- 13. 从海权利提来 26. 对权利参求 23 作了进一步的模定。对比文件 1 还公开了以下技术特征。核培 340 中,根据使用者的日程表。时间、位置等状态信息研定使用者优先级,进而决定采取游讯的类型(相当于"核定进识处理标准取决于该收者的认实编址并"。 如果这项分离possp2第 7-19 方、初聚 3)。然而在其引用的权利要求 23 不具备创造性的基础上。从属权利继生 26 也不具备创造性。
- 14. 从翼板构要求 27 的权利要求 23.26 之一作了进一步的模型。对比文件 1 还会开了以下技术特征。由该明书简图 1 可知。呼叫者 16 的通讯诺求施注通讯网络 14 也这会使用者 38、接例库 36 通过通讯各点 16 尔通讯网络 18 联接。据则库 36 包含了呼叫者系位,呼叫比比较。使用者也依靠和位置等他总和规则(形足改明书第[0026]股第 1-4 行)。使用者 38 可以通过通讯网络 18 来设置规则库(足设明书第[0021]股第 4-7 行。的 制 1)。相当于"该流入进讯请从可以通过一个参析网络。而且,其中设通讯处理标准的至少一个黑性是由核收者通过与一个网络的相互作用而该类的"》。约而在其引用的权利要求 23 至 76 之一不具备创造性的基础上。从翼权利要求 27 生不具备创造性的基础上。从翼权利要求 27 生不具备创造性的基础。
- 13、从编权利要求 28 对权利要求 23.26.27 之一作了用一步的限证。对比文件 1 运会开了以下技术特征。 使用者的通讯设备可以显有线电话、移动电话等 1 相当于"该部入撤运要求可以由得收者通过电话接收"。参 电读明书第10014]政第 5-7 行力。包含了四回体光线。使用者状态等类数的规则从可以应使用者设置(相当于 "适通讯处理标准的至少一个属性由核收者设置"。参见规则与第100211段第 13-14 行。第10026]股第 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序中的参数进行设管、以使于操作。这是本领域的 使用技术呼吸,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,从解权利要求 28 也不具备创 条件。
- 16、权利要求 29 香工保护 种用于为 个核收着管理准入通讯的用计算机来找到的方法。对比文件1 公 开了一种第十计算机执行的通讯管理系统和方法、并具体被蒸了以下转征(参先提供书第10029]政第 2-12 行。 第10034]股第 10-11 行。表 1、股份 3 5、该方法包括:
- (a) 呼叫者呼叫使用者。且呼叫者可以使用建盐。声音等设置此次呼叫的优先级《相当于"从语准者接受重点通讯者字"。见说明书第[1034]段第 10-11 行人
- (6) 衛並呼叫者身份、呼叫仗先級、使用者的状态和位置等信息、并访问规则昨央定如何对该通讯资本 法行操作。相当于一等于该氮入遗讯资本。确定适用于处理协同设格收者的遵讯诱求时使用的预定通讯处理 标准"。是说明书图览3 僅次 350)。

級性申載、用品值品。1806年上京市用以基本门特徵上京都专有。图象知识产权的。(图图图图图 电子申请、应用通过用于专利申请系统证电子文件形式提及相关文件、效用有限定件、以图 文件部为来图文

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案也不具有实出的实质特特点和显著的进步。巴伯不具备创造体。

17. 灰纖权利要求 36 有权利要求 29 作了这一步的凝定。对比文件工匠公开了。根据规则库中的规则决定采取遭望的类型,例如呼叫转移初备用电话设备了相当于"福地社是德收名的一个电话号码"。参见设布对徽[0029]报第 3-4 行)。据而在其引用的权利要求 29 不具备创造性的基础上。从规权利要求 30 也不具备创造性。

18. 从规控制要求 31 对权利要求 29 或 20 年 了进一步的制度,对比文件 1 证分析了以下核本物证,由设 2 时初表 1 时知,可叫者可以通过产者识别。用的 9 码水域定时可有身份(他当于"请求者通过一个资本者的称单发还该乘人通讯请求。请求者通过请求者处址与民收者这立通讯联系。接收者了解请求者的身份",参见证明书第[9634] 段第 1-5 行为 此外,对比文件 3 公开了一种电话通讯方法及接置。并具体被源了每下技术特征,通讯过程中利用了组裁通讯服务系统,当设定以虚拟的总被通讯行机与外界通讯的。电话机厂的原始电话号码即被处裁。没行电话与外界通讯时,被放力的来应显示不会显示没打力的原始电话电码。以保施设计力的个人随私、制工于"请求者还是过请求者地址与核收者建立通讯联系,接收者不必知请请求者地址"。参见证明书第 2 页第 18-21 行。附第 1 ,且上还技术特征在对比文件 3 和本中语中的作用和间,以是施藏请求者的实际联系方式以保护其限本。但对比文件3 的出一,但上还技术特征在对比文件 3 和本中语中的作用和间,以是施藏请求者的实际联系方式以保护其限本。但对比文件3 的基础上结合对比文件3 以及本的域的调用技术平板以看到该程利要求请求保护的技术方案。对于本级域技术人员来或是是需要见,因此在新可用的权利要求 29 或 30 不具备创造性的基础上,从组权利要求 31 也不具有实出的实际代特点和证案的成步,还可不具备的原则。

19. 从黑权利要求 32 对权利要求 31 作了进一步的修定。其限定部分的例如技术转量"诺求者他址是一 专电子解释"也已被对比文件 1 公开《李光说明书表 1》,因而在其引用的权利要求 31 不具备创造性的差结 上。从黑权利要求 32 也不具备的遗程。

(二) 针对申请人的意见陈述、具件诉述如下:

1. 首使,对于"郑管绝产等以换收清量,呼叫者并不了解用户的接触信息。并且跟者尽管用户的以接 致消费。湖户并不了解时间者的线触信息"理解。"接触信息"可以理解为湖户/空间者的真实联系方式、例 如真实的电话号码、如箱等。周不应理解为包括例如谐报号码。服务器规号等在内的所有的任益联系方式。 题为。无能采用何种手段,呼叫者和用户这两者之间要能够取得准备。必须获知一方的全少一种联系方式。 例如,套实的号码、供途组的号码/账号等,否则两者之前程本不可能建立超通信联系,因此,"不了解接触 信息"役额味着"不了解对方规定的联系方式",而并不愈味着"不了解对方的包绍例如腐担号码等在内的所 有的联系方式"。本申请中以样级的目的为了保护用户形列者的隐私(参先说明书第5页第1行"活使用者 · 各樣披露他的裝置方法但需要接受效电者提供的服务时")。而对这文件 3 他進化爭執和方法中。采用應載應 迅服务系统。役定重报的蟾蜍通讯代码进行通讯。核收为不显示被打方的添纳电话号码、成役打方可以不用 看知接收方的原知电话号码。即,特例者/用户不了解对力的最效电话号码(即"接触信息")而基于距板通 把服务系统进行编辑。目对比文件多中提明书第2条第2月程、第6版第2程等多处明确处理了这样始的目的 是保护个人隐私,基构在申请中的作用相同。路面对比文件3份出了格上进特征应用于对比文件】以解决其 我柔词题的组带。其程,对于"避免呼叫者/用户未经鉴于网络入口直接发选消息绘料户/呼叫者"。对比文件 3 中的通讯方式等于建酶增进服务系统,其当然结够避免较得知对方建被通讯代码而不相对方要始电话号码 的用户之间不经过改造基准领服务系统前进行直接通信,虽然基本是基于网络人口,但是对比文件工中公开 了通讯系统的通讯网络可以是广域网、奶油互联网、五维调成其它在线服务等。例如可见 细通讯是基于网络入口的。还么当对比文件 3 与对比文件 1 结合时。本领域技术人 造重数多系统"基于网络形式面设置。或直接设置于网络上级网络人口处,从而发达了加坡方不透透 問取得联系。这无物付出创造性劳动:此外。"新于网络人口"和美的特征没有虚构。仅利到 itie. 在评述权和要求29的创催性时, ぞ常考虑故略证。

> 数性制度。积高损害,1000%,从条件和自己等。指挥上数据 6 号,是以2007年以后,1000年上发。 由于中华。在共通过电子专制中省系统以电子文件形式模型相关文件。在另有设定处,以2006年上发 文件对为未提为。

OUT



对于证价价在耐失通知书中提及的现有技术 CN1236.06A、GB2391750A、和呼叫转移技术。均为现有技术中常见的"在不知道一方象实现系方式下进行通讯"的系统和方法。由于审查是在独立对权利要求 29 的证述中沒有引入对比文件 3、而构区短技术特征"请求者不必知道或被提供接收者的地址"以定为本领域预用技术手段。到面存前次通知书中提及的上述集负技术均是用于证明上述惯用技术手段的。

2. 对于"影響……緊急程度的積積气

首先、权利要求的保护范围是以真记载的特征而确定的。而关"信息的紧急政度"的技术特征并未记载 在权利要求 16-14-17-23-26-32 中,初而不于考虑。

具次,对社文年主在证明书第 27.34 设和的能 3 中分开了。模块 320 中,是于特种叫者为价的识别来确定时叫优先级(相当于"创资用来是于该人分价确定这人的访问优先权的损构"。可叫优先级可以是低。中、参考、每一条2。寻常对比文件 1 没有公方具有"配管用来识别以信息的紧急程度的机构",然而通识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。并在规则库中裁置"信息的紧急程度"。这为于本等域技术人员来说也是无两行比创造性领等易想到的。因此,对于记载了"信息紧急程度"和关技术特征的权利要求 1 9 15-16 (2 4 25 ) 其也是不具备创始性的《具体评述参先其定读明》。

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報上用述。本发明专用申请不符合专制法第 22 第 3 款的规定、属于专制法实施编码第 53 条第(2)项的领形、民业根据专利法第 38 条子以驳回。

根据专利技量 41 多等 1 款的线定。中语人如果对本版图决定 不报、可以在收到本版图建定二目录 3 个月的。由专利简单要员会请求管理。

四、 社会设明

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权利要求 1-9,15-16,24-25 不具备专利法第 22 条第 3 款规定的制造核。

1 权利费来1 请求贷款 冲管理控制器的施运的计算装置。对此文件1 (152603/0041048A1) 公开工一种施运管理求资和方法。并具体被蒸了以下特益(参见提明书集0027)股料[0036]段、附置3)。该通讯是鉴于某个人正试期用电子手段给使用者发送信息。该系统经法。

积块340。积累用来识别使用着依然的构构(更购图 5元

模块 316、配置用来识别或人类价的机构(见的第3)。

一樣快 220 中。基于核人身份确定该人的访问优先权的机构《芜诺斯书集10027]故第 12 行。陷图 3 年

程数 350 和 360. 配置使用规则,并靠于使用者状态。该人的能数符联系的优先依余决定的何对逻辑语信思述行操作《相当于"权数过程管理效信息"( 的机构《规定电电影0036段、图图 3);

通讯系统的通讯网络可以整广线网,例如互联网,万维网或英尼亚线服务(参见说明书第10015]股第 15-18 行)。由表1 可知,可叫着可以通过电子超辐路证素发出钟叫(相当于"以信息基于互联网边议通过一个网站 用电子手投来发送")。

对于区别核类物征(1),对比文件12万丁时间优先级可以花纸。中、普通

核件申请、用高速等。10xxxx 北京市市区区域门路由土城市中央、副家田区产权局、高亚克克克 机子电源、但总域应用于专利申请系统区电子文件形式建文相关文件。该名等效应计、以及1000年代表文的 文件报为申报文。

OVO



34 段为 尽管"低、中、普通、高、筹整"体现的基础的优先权。然而对于有限域技术人员来说。通讯过程的规则是可以根据用户的需要进行政策。而增明者的通讯类型有等、模点分。在对比文件上的基础上、增设用于配置组定的条件程度的机构。以便在规则原中设置"信息的紧急程度",使即可以基于信息的紧急程度对通讯过程进行管理。这也是无常行出的运性使多量规则的。

基于区别技术特征(2)可以确定。较利更求1相对于对比文件1实际要解决的技术问题是。在重球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(CN1455981A)公开了一种电话递讯方法及模量。并具体被落下位"平线木特征",通讯对按中利用了建被通讯服务系统。当设定以虚拟的维制连讯代码与外界通讯时,电话用户的原始电话号码即被继续。该行电话与外界通讯时,电话用户的原始电话号码即被查找一个原私(相当于"使用者不知道该人的联系方式。以助让使用的不通过继续通讯服务系统直接继承这人"。参阅被明书第2页第18-21行。两图15。电话用户设定并应继载通讯服务功能时,电话用户系升放以继载通讯代码与外界通讯。仅知地被通讯代码的构定人士。较够利用电话用户形式上的通讯电话等码。即转应通讯代码与外界通讯。仅知地被通讯代码的构定人士。较够利用电话用户形式上的通讯电话等的。即转应通讯代码与外界通讯。仅如地被通讯代码的构定人士。较够利用电话用户形式上的通讯电话等的。即转应通讯代码,与电话用户接着通讯。以继进电话用户的个人验私(也当于"该人不知道使用者的联系方式。仍止该人不通过建程通讯服务系统直接联系使用者的联系为定。如此这个工程,是这个分别,但这个分别的电话,可能是不可能是不明在逻辑不同时的原则,可能是不可能是不可能是不可能是不可能是不可能是对方的原则和原则,所以使用的原则,可能能通讯服务系统、仍止线行方用户不通过运用的原则和原则,所以进行,然而对本领域技术人员来说,当通讯信息从最后接收置于可能文件1的网络中,从的现在现代,所对他文件3中的建设设置,这种直接收置于可能文件1的网络中,从的现代成人使用者不通过网的直接联系使用者/这人,这也是容易组织。

由此可见。在可比文件上的基础上结合对比文件等以及本领域的费用技术手段以得到该权利要求结束保护的技术方案。对于本域域技术人员来说是显用场见。因此权利要求1 不具有突出的实质性特点和最繁的进步,因而不具备创造性。

- 2. 从黑权利要求 2 对权利要求 1 作了进一些的限定。对比文件 1 还公开了以下特征,使用者的规则库包 包使用者的活动。仅要,和时间 4 担当于"使用者的该态取决于使用者当前的帮助成位等",参来原则 6 第 [0025] 股第 9-11 行 1、使用者的状态由使用者的自程差。地址等。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",参见规则并第 [0028] 股第 1-8 行 2。这面在我们用的权利要求 1 不具备间或性的基础上,从据权利要求 2 也不具备间或性的基础上,从据权利要求 2 也不具备间或性。
- 3、从凝核利要求3对权利要求1或2件了进一步的限定。对比文件1还分开了以下技术特征。规则所36 由使用者证义《象笔说明书第[0021]故第4-7行为 规则库36 中的呼叫统先级可以是呼叫者优先级或呼叫设备优先级(加克克明书第[0026]政第1-3行为。可见"该人的能取得联系的优先级由使用者完全"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、从集权和要求2进一步保定"或人的积取得联系的优先级出使用者定义"的的技术方案也不具备创造性。

210468 经价格值。用品销售、100GB 生产市场发发码门格所上规程多号 国家知识户权品 2010 7 电子电源、应当通过电子每间电话系统以电子文件形式进发相实文件。每只有发生外,以 文件报为未提及。

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- 4. 从翼板利要来4对权利要求1至3之一作;进一步的限度。对此文件1还公开了以下技术特征。呼叫着利用键数、产价或其它方式输入数据设置呼叫优先级。但括低等、中等、主带、高等、客志(参见这明节等[4074]政第6-7。10-11 行为。在此基础上,结合对权利要求1的资法、呼叫者的通讯类型有急、缓之行。信息的简章程度的呼叫者(每"该人")设置,这无案付出创起性劳动。适而,在其引用的权利要求1至3之一下具备创造性的基础上,从属权利要求4也不具备创造性。
- 6. 从规程利要求 6 对权利要求 1 至 8 之一作了此一步的限定,对比文件 1 还公开了以下技术陷阱。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续整接收这位思"。参见这明书第[00:14] 投第 5-10 行 5. 地合了使用者的状态的规则定可以由使用者设置 \* 参见应明书第[00:21]设施 13-14 行,第[00:20] 股第 1-4 行 5. 而对本领域技术人员来说,直接使用这手特领者未设置使用各的状态,以便士使用各种价。这 是本领域的规模技术手段,因而在基切用的权利要求 1 至 3 之一小具备创造作的基础 1 ,从属权利发来 6 度 不具备创造性。
- 7、从網接與要求7对权利要素 1 至 6 之一作了进一步的简单。对比文件 1 是并了原下技术特色。原识是然的通讯网络可以是广域网。例如互联网、为维特或其它在成服务(参见证明书案post)投第 15-18 行)。且由表 1 可如,呼叫者可以避过电子的简单是失发色时间。相当于"否信息基于互联网协议通过一个特别而由于手段条发速"》。对此文件 2 适会并了以下技术特征,但含呼叫者优先级的效据是可以储存工使用者的 PDA中,PDA还可以与网络整新原 308 进位。使网络数据网 308 中的数据与使用者 PDA中的信息自动保持四步(相当于"该人的已定义的复数有限系的优先级操作在逐转运生。双键存在更于使用者控制下的本人数据库中"。多见应则也第 5 样准 27-78 行。第 6 样单 21 行》,且其在权利要求 7 和对比文件 2 中所起作用相同。均是为规则数据序接供储存空间。即对比文件 2 给出了的多技术特别应用于对比文件 1 以解决机技术问题的启示。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,从解权利差求 7 也不具备创造性。
- 8、从家权利要求多对权利要求1至7之一作了这一步的限度。对比文件1介并下以下权未特征。通讯系统的通讯网络可以是广域网、例如互联网、万维网或其它是优廉多个参见设明书第[0015]股第15-18 行》。由表1 可知、阿州省可以通过电子调箱通址来发出时间(相当于"适信息基于互取网历议通过一个网络用电子手段未发进")。对比文件2 还公开了以下技术将价、包括数据特征内的网络数据序 308 与使用者 PDA 中的信息自动保持问步(参见设明书第 3 栏落 2 2-38 行。第 6 栏第 2 1 行)。数据海边供目的和月经表。约会目仍交往使用者对呼叫者进行其保险作《参见设明书第 9 栏等 26-29 行。积度 9)。(相当于"这网以保存使用者的电子目的。而且,签于该目的的信息自动设置使用者与多人的约会")。且其在权利要求8 和对比文件 2 中所延作用相同。均是省电子目的保存于网络。为电子目的提供储存空间。并为使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。应而在其引用的权利要求 1 至 7 之一不具备创造性的影响上。从家权利要求 8 也不具备创造性。

9、从规模利要多9的权利要求1至6之一作了进一步的规定。对这文件1日含了《《《【》》。 新可以是广域理、例如包以网、万能网或其它在建设多(多是规则书第10015]以第一次。 种则者可以通过生于邮箱地域未发出好叫(相当)。"这位是基于互联网的设施。"——"不可以用生于下 这")。因而在其初前的权利证求1至6之,予具备创造性的基础上,从规模模型(如电子)。

> 统件申请。随逐诸等。100088 北京市基证这额门特别主席李亚号。阅求如识产权局 电子申请。应当通过电子专利申请系统以电子文件形式模章相关文件。该另有规定外, 文件程为未提查。

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# 中华人民共和国国家知识产权局

10、从集权利要求 15 时段利聚求 14 作了这一步的限定。对比文件 1 几公开了以下技术特征、确定时间优先级。所叫优先级可以是低、中、普通。高、聚意(总是设明书第 34 段。制图 3 模块 320 5 规则作 36 可由使用者设置(多见说明书第[1021] 政第 4-2 行)。基于规则原平的规则、呼叫优先级、接收者状态、决定对此时间流采取更加的操作。如常规户指那件、定则产品部件、启动序叫使用者等通讯方式(参见证明书表 1 期附图 3)。(相当于"上述确定步骤块管用以基于所述一条或多条可能图的规则、资本者的能取为联系的优先级、接收者的优多。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"设施人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"设施人通讯请求的资金等级"。然而,对于本领域技术人员来证。通讯规则可以提展用户的需要进行设定。听叫看的通讯类型行为、发之分。基于"收施入通讯请求的紧急等级"来确定采取适当通讯类型。这也是无常行的通过类型有效。发之分。基于"收施入通讯请求的紧急等级"来确定采取适当通讯类型。这也是无常行的创造性劳动使等基思到的。因而在其时用的权利表表 14 不具备创造性的基础上,从组权利要求 15 也不具备创造性劳动使等基思到的。因而在其时用的权利表表 14 不具备创造性的基础上,从组权利要求 15 也不具备创造性



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- 11. 从旗权利要求 16 对权利要求 10 售了班一步的废踪。对比文件 1 还至开了以下技术特征。稳定时间优先级、好间优先级可以基础、中、普通、高、紧急(参见证明书第 34 接、按图 3 模块 320)。规则库 36 可由使用者设置(参见证明书第 9021 [投票 4-7 行)。签于规则库中的规则、呼叫优先级、决定对此呼叫适定采取还当的操作、如常规产资解件、定规严资解件、自动呼问使用者等通讯方式(参见证明 3 差 1 和别医 3 )。《相当于"上述确定步骤执行的证据下所进一条按多条可能要的规则、请求者的能取的联系的优先级、确定移案人选出请求的运宜通讯类型")。此外、尽管对比文件 1 表有公开基于"该混入通讯基本的紊忽等级"。然而。对于本领领技术人员来较、通讯规则可以根据用户的需要进行设定。据明者的通讯类型有急、缓之分。来于"该混入通讯基本的紧急等级"来确定采取点 "通讯设定是,这也是关照付出创意性劳动性容易推到的。因而在其引用的权利要求 10 不具备的适性的基础上,从案权利要求 10 机不具备的运性。
- 12. 从高权利益率 24 对权利要求 23 作了进一步的原定。对比文件 1 区公开了以下投水沟至。按照单位 知时可收无线、使用各块多等。是于上述因素中的一个或多个,我抵抗制用于的限制决定采取进销的基型。相 当于"接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 证先级、接收者的状态"。如此实现 5 差 1、 新版 3 )。此外,还管对比文件 1 没有公开基于"实地入通讯请求 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。时间看的通讯类型 有态、每之 5、 布于"资政人通讯请求的紧急等级"来通过是联路当通讯表型。这也是无签付出创造性方动 使容易规则的。同而在其引用的权利要求 23 不良多创造性的基础上,从果权利而求 74 也不具备创造性。
- 13、从海权利期来 25 对权利期来 25 或 24 作了独一步的深定,对比文件 1 还会开了以下技术特值: 被期所包括时间时间。使用者的活动。时间优先级,使用者状态。和使用者的位置等。基于规则除中土地图案中的一个或多个。构料规则作中的规则位证来取通讯的类型 1 和当于"假定通讯处理标准取决于至少一个可能署的规则。而且从中、该企少一个可能署的规则利用以下图案中的一个或多个。该能人通讯调求的时间。有关核收者当前活动的一条信息。请此者的能取到联系的优先物。接收者的状态,以及移收者的当前位置"。参见说明书第[0025]投资 9-11 行、表 1、稍饱 3)、此外,尽管对比文件 1 没有公开基于"涉流入通讯调求的采金等级",然而,对于本规域技术人员完成、通讯规则可以根据用户的管理进行设定。呼叫者的通讯宏贴有金。现之分、差 1 "该强人通讯请求的紧急等级"来确定等收取当度电关图。这也是上落付出的遗性劳动设分量。如到的。因而在其引用的权利要求 23 或 24 不具备的遗性的基础上,从现权利要求 25 也不具备的遗性。

级作申请、旧品资格、1986年。上中申海汉区前门标明土成第4号。 指家如纸户权配 但并申请、应告通过电子专利申请各项以电子文学形式集页组实文件。第名符案定例 文件资为未提交。

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Electronic Pat	tent Appli	cation Fee	Transmit	tal	
Application Number:	12798	995			
Filing Date:	14-Ap	r-2010			
Title of Invention:		MS AND PROCE MUNICATION	SSES TO MANAG	E MULTIPLE MOD	ES OF
First Named Inventor/Applicant Name:	Kwok	Wai Cheung			
Filer:	Peter	P. Tong/Angela	Nijim		
Attorney Docket Number:	IPVMC	P02C1			
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:				
	- T		100	100
Submission-Information Disclosure Stmt	1806	400	180	180

Liectionic	cknowledgement Receipt
EFS ID:	12264412
Application Number:	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
irst 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:	09-MAR-2012
Filing Date:	14-APR-2010
Time Stamp:	10:42:38
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	8551
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)

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.
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This is not an U  3  Warnings: Information:	SPTO supplied IDS fillable form  Non Patent Literature	NoticeOfRejection-1-12.pdf	303214094-44562889096-1151474565/07/ 15567. 30755		

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

### U.S. Patent Documents

			U.S.	Patent I	Documents					
Examiner Initial	No.	Patent No.		Date	Patentee	(	Class	Sub		Filing Date
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	2.									
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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.

Electronic Pat	tent App	lication Fee	e Transmit	tal		
Application Number:	127	98995				
Filing Date:	14-Apr-2010					
Title of Invention:		TEMS AND PROCE	SSES TO MANAG	E MULTIPLE MOD	ES OF	
First Named Inventor/Applicant Name:	Kwa	k 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
		al in USD (	S.L.	- 1-07

Liectionic	cknowledgement Receipt
EFS ID:	12335298
Application Numbers	12798995
International Application Number:	
Confirmation Number:	3193
Title of Invention:	SYSTEMS AND PROCESSES TO MANAGE MULTIPLE MODES OF COMMUNICATION
irst 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)

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Warnings:	,				
Information:					
2	Non Patent Literature	IPVMCP02CN- EnglishTranslationofRejectionD	109251	no	10
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Warnings:					
Information:					
3	Information Disclosure Statement (IDS)	IPVMCP02C1-Supp1449-3-12.	19419	no	1
3	Form (SB08)	pdf	ad 4704rea3e6a23064667877d3a77455642d 569f7		
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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

## 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.

Appln No. 12/798,995

Atty. Docket No. IPVMCP02C1

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/ Peter P. Tong Registration No. 35,757

5150 El Camino Real Building A, Suite 22 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

L 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 identity the appropriate communication type"), which has the same effect in claim 19 sa 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 lacation 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 an 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 an 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 (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. So 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 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 an 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 pearson 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)	Atty. Docket No.	IPVMCP02C1
1, 4,00	Application No.:	12/798,995
Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	April 14, 2010
	Group	2617
(Use Several Sheets if Necessary)		Page 1 of 1

Examine Initial	No.	Patent No.		Date	Patentee		Class	Sub		Filing
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Examiner	Date Considered	03/23/2012
/Klet Doan/		UO/LU/LU IL

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.



## 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 Altexandria, Vigitora 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1	3193
34071 IPVENTURE,	7590 03/30/2012 INC		EXAM	INER
5150 EL CAM			DOAN,	KIET M
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			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.



## UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

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
			1	EXAMINER
IPVENTURE, INC. 5150 EL CAMINO REA	AL			KIET DOAN
SUITE A-22 LOS ALTOS, CA 94022			ART UNIT	PAPER
			2617	20120323

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Information Disclosure Statement (IDS) submitted on 03/00/	Statement 2012 and 03/19/2012. The submission is in compliance with the
provisions of 37 CFR 1.97. Accordingly, the information disclo	
	/Kiet Doan/
	Primary Examiner, Art Unit 2617

PTO-90C (Rev.04-03)

Form 1449 (Modified)	Atty. Docket No.	IPVMCP02C1
1,000	Application No.:	12/798,995
Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	April 14, 2010
	Group	2617
(Use Several Sheets if Necessary)		Page 1 of 1

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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

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.

Sul	omis	sion required under 37 C.F.R. §1.114:
a.		Previously submitted Consider the amendment/reply under 37 C.F.R. §1.116 previously filed or  (Any unentered amendment referred to above will be entered.)
	ii.	Consider the arguments in the Appeal Brief or Reply Brief previously filed
	III.	Other
b.		Enclosed

☑ Enclosed
 i. ☑ Amendment/Reply
 ii. ☐ Affidavit/Declaration
 iii. ☐ Information Disclosure Statement with Form PTO-1449
 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)

	\$930 =	Fee for Request for Continued Examination Under 37 C.F.R. §1.17(e)
\$465.00	TOTAL	
	\$465.00	SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)

- 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).
- 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: April 2, 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 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 Depe	ndent Claim Pr	esent and	Fee Not Previo	ously Paid	\$	\$
				Total	\$840.00	\$

	Applicant(s) hereby petition for a month extension(s) of time to respond to the
	aforementioned Office Action.
$\boxtimes$	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).
$\boxtimes$	Any fees due are being paid electronically herewith.
$\boxtimes$	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

Aity: 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.

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. (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.

(Cancelled)

- (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.
- (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)
- (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 <a href="mailto:communication\_device">communication\_device</a>, 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,

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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)
- (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.

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- 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

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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 <u>communication</u> 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.

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- 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
  - 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.

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- (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.

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Docket No. IPVMCP02C1

- 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.
- (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.

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## 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 Pat	ent Appl	ication Fee	e Transmit	tal	
Application Number:	1279	8995			
Filing Date:	14-A	pr-2010			
Title of Invention:		EMS AND PROCE MUNICATION	SSES TO MANAG	E MULTIPLE MOD	ES OF
First Named Inventor/Applicant Name:	Kwol	c Wai Cheung			
Filer:	Peter	P. Tong/Angela	Nijim		
Attorney Docket Number:	IPVM	CP02C1			
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
		al in USD (	A	1305

Electronic A	cknowledgement 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)

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.
-	Request for Continued Examination	IPVMCP02C1-RCE-4-12.pdf	28969	200	2
	(RCE)	1FV/MCF02C1-NCE-4-12.pdf	fgLeO1609en727cf954e55n2cn5a6255f0a38 192	110	4
Warnings:				no (if ap	
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2	Miscellaneous Incoming Letter	IPVMCP02C1-AmdCTrans-4-12.	17285	na	1
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Warnings:				·	
Information:					
3	Amendment Submitted/Entered with	IPVMCP02C1-AmdC-	55468	no	13
	Filing of CPA/RCE	as filed-4-12.pdf	293299-1918-51(837)(1000016-1555()	- "0	1,5
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Information:					
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	and the preparation of the		ra/vess172ad322b6459e2c9e81b54110ad- 77b30	- 10	
Warnings:					
Information:					

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

#### New Applications Under 35 U.S.C. 111

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

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

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

#### New International Application Filed with the USPTO as a Receiving Office

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

PTO/SB/06 (07-06)

Approved for use through 1/31/2007. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Filing Date 12/798,995 04/14/2010 To be Mailed Substitute for Form PTO-875 APPLICATION AS FILED - PART I OTHER THAN (Column 1) (Column 2) SMALL ENTITY X SMALL ENTITY FOR NUMBER FILED NUMBER EXTRA RATE (\$) FEE (\$) RATE (\$) FEE (8) BASIC FEE N/A N/A N/A N/A SEARCH FEE N/A N/A N/A N/A 37 CFR 1.16(K), (I) **EXAMINATION FEE** N/A N/A N/A N/A (37 CFR 1.16(a), (b), or (d) TAL CLAIMS OR XS X S minus 20 : (37 CFR 1.16(i)) INDEPENDENT CLAIMS XS X 5 minus 3 (37 CFR 1.16(h)) If the specification and drawings exceed 100 sheets of paper, the application size fee due APPLICATION SIZE FEE is \$250 (\$125 for small entity) for each (37 CFR 1.16(s)) 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)) TOTAL TOTAL If the difference in column 1 is less than zero, enter "0" in column 2. APPLICATION AS AMENDED - PART II OTHER THAN SMALL ENTITY SMALL ENTITY (Column 1) (Column 2). (Column 3) OR. CLAIMS HIGHEST REMAINING NUMBER PRESENT ADDITIONAL ADDITIONAL 04/03/2012 RATE (\$) RATE (\$) PREVIOUSLY EXTRA FEE (\$) FEE (\$) AMENDMEN. **AMENDMENT** PAID FOR Total (37 CFR · 48 Minus - 20 28 840 OR X S30 = XX - 4 Minus 4 0 X \$125 = 0 OR X S Application Size Fee (37 CFR 1.16(s)) FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) OR TOTAL TOTAL ADD'L 840 OR ADD'L (Column 1) (Column 2) (Column 3) ADDITIONAL ADDITIONAL REMAINING PRESENT NUMBER RATE (\$) RATE (\$) PREVIOUSLY AFTER EXTRA FEE (\$) FEE (\$) ENDMEN Total (STOFR Minus OR XS Minus OR XS X S Application Size Fee (37 CFR 1.16(s)) AM FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) OH ADD'L OR ADD'L If the entry in column 1 is less than the entry in column 2, write "0" in column 3, Legal Instrument Examiner: \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". /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.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3"

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.uspio.gov

#### NOTICE OF ALLOWANCE AND FEE(S) DUE

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

05/09/2012

EXAMINER DOAN, KIET M PAPER NUMBER ART UNIT

DATE MAILED: 05/09/2012

2617

12/708 005	04/14/2010	Kwok Wai Cheung	IPVMCP02C1	3103
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.

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

APPLN. TYPE	SMALL ENTITY	ISSUE FEB DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	S300	SO.	\$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. 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

#### HOW TO REPLY TO THIS NOTICE:

L 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.

Page 1 of 3

#### 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

34071 IPVENTURE, 5150 EL CAMII SUITE A-22 LOS ALTOS, C.	7590 05/09/3 INC. NO REAL		Fee pap hav	(s) Transmittal. This certific ers. Each additional paper, s e its own certificate of mails Certificate of the certificate of	ate cannot be used louch as an assignment or transmission.  f Mailing or Transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must smission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.
						(Depositor's name)
			-			(Signature)
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APPLICATION NO. 12/798,995	FILING DATE		FIRST NAMED INVENTOR	ATTOR	NEY DOCKET NO.	CONFIRMATION NO.
APPLN. TYPE	SMALL ENTITY	ISSUE FEB DUE	PUBLICATION FEE DUE	PRÉV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATEDUE
nonprovisional	YES	\$870	\$300	\$0	\$1170	08/09/2012
EXAM	UNER.	ART UNIT	CLASS-SUBCLASS	1		
DOAN,	KIET M	2617	455-435300	•		
PTO/SB/47; Rev 03-C Number is required.  3. ASSIGNEE NAME A PLEASE NOTE: Uni recordation as set fort (A) NAME OF ASSIG	ND RESIDENCE DATA less an assignee is identif h in 37 CFR 3.11. Compl	d. Use of a Customer TO BE PRINTED ON fied below, no assigne letion of this form is N	registered attorney or - 2 registered patent attoristed, no name will be THE PATENT (print or type data will appear on the pOT a substitute for filing an (B) RESIDENCE: (CITY	pe) satent. If an assignee is ide	ontified below, the d	locument has been filed for oup entity
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property of	tus (from status indicated is SMALL ENTITY status		☐ b. Applicant is no lon	ger claiming SMALL ENTI	T'Y status. See 37 C	FR 1.27(e)(2)
NOTE: The Issue Fee an		ired) will not be accept	ted from anyone other than t	he applicant; a registered att		
Authorized Signature				Date		
Typed or printed nam	e			Registration No.		
an application. Confiden submitting the completed his form and/or suggesti	tiality is governed by 35 d application form to the ions for reducing this burd irginia 22313-1450. DO 13-1450.	U.S.C. 122 and 37 CFI USPTO. Time will va den, should be sent to NOT SEND FEES OR	R 1.14. This collection is es ry depending upon the indiv the Chief Information Office COMPLETED FORMS TO	er, U.S. Patent and Tradema O THIS ADDRESS, SEND	o complete, includit on the amount of ti rk Office, U.S. Dep TO: Commissioner	ng gathering, preparing, and me you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450,



## 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.npho.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1	3193
34071 759	05/09/2012		EXAM	INER.
IPVENTURE, IN	C.		DOAN, I	KIET M
5150 EL CAMINO SUITE A-22	REAL		ART UNIT	PAPER NUMBER
LOS ALTOS, CA 9	94022		2617	
			DATE MAILED: 05/09/2012	2

## 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:

- 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.
- 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).
- 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.
- 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.
- 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.

	Application No.	Applicant(s)
	12/798,995	CHEUNG ET AL.
Notice of Allowability	Examiner	Art Unit
	KIET DOAN	2617
The MAILING DATE of this communication appeal of the communication appeal claims being allowable, PROSECUTION ON THE MERITS IS therewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT ROT the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate communication is supplication is supplication.	n this application. If not included unication will be malled in due course, THIS
<ol> <li>         This communication is responsive to <u>04/03/2012</u>.     </li> </ol>		
<ol> <li>An election was made by the applicant in response to a rest the restriction requirement and election have been incorporate</li> </ol>		during the interview on;
3. X The allowed claim(s) is/are 1,3-5,8,9,21,22,24-27 and 29-6-	4.	
<ol> <li>Acknowledgment is made of a claim for foreign priority under a) ☐ All b) ☐ Some* c) ☐ None of the:</li> </ol>	er 35 U.S.C. § 119(a)-(d) or	(f).
1. Certified copies of the priority documents have	e been received.	
<ol><li>Certified copies of the priority documents have</li></ol>	e been received in Application	on No
<ol><li>Copies of the certified copies of the priority do</li></ol>	cuments have been receive	d in this national stage application from the
International Bureau (PCT Rule 17.2(a)).		
* Gertified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submi INFORMAL PATENT APPLICATION (PTO-152) which give		
5. CORRECTED DRAWINGS ( as "replacement sheets") mus	t be submitted.	
(a) Including changes required by the Notice of Draftspers	son's Patent Drawing Review	w ( PTO-948) attached
1) hereto or 2) to Paper No./Mail Date		
<ul><li>(b) ☐ including changes required by the attached Examiner' Paper No./Mail Date</li></ul>		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
<ol> <li>DEPOSIT OF and/or INFORMATION about the deposit of E attached Examiner's comment regarding REQUIREMENT FO</li> </ol>	BIOLOGICAL MATERIAL mu	ust be submitted. Note the
Attachment(s)		
1. Notice of References Cited (PTO-892)	5. Notice of In	formal Patent Application
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		ummary (PTO-413). /Mail Date
Information Disclosure Statements (PTO/SB/08),     Paper No./Mail Date	7. Examiner's	Amendment/Comment
<ol> <li>Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol>	8. X Examiner's	Statement of Reasons for Allowance
of Biological Material	9.  Other	-1

Application/Control Number: 12/798,995 Page 2

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 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

Application/Control Number: 12/798,995

Art Unit: 2617

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."

Page 3

Art Unit: 2617

#### 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 CL	ASSIF	CAT	ION
	CLASS	-		SUBCLAS	s				CL	AIMED		NON-	CLAIMED
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CROSS REFERENCE(S)				Н	Ö	4	W	4 / 00 (2009,01.01)					
				Н	D	4	M	1 / 663 (2006.01.01)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)												
455	.411	412.1	412.2	435.3			7						
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	Claims re	numbere	ed in the sa	ame orde	er as prese	nted by	applicant		СР	Α [	] T,D.		☐ R.1.4	47	
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NONE		Total Claims Allowed: 48		
(Assistant Examiner)	(Date)			
/KIET DOAN/ Primary Examiner.Art Unit 2617	05/03/2012	O.G. Print Claim(s)	O.G. Print Figure	
(Primary Examiner)	(Date)	1	2	

U.S. Patent and Trademark Office

Part of Paper No. 20120503

# Search Notes

|--|--|

Application/Control	No.

12798995

Examiner

KIET DOAN

Applicant(s)/Patent Under Reexamination

CHEUNG ET AL.

5/3/2012

KD

Art Unit

2617

SEARCHED					
Class	Subclass	Date	Examiner		
		4/7/2011			
455	414		KD		
709	217	1 -	KD		
379	207.04		KD		
		9/20/2011			
455	415		KD		
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	412.1		KD		
	412.2		KD		
	435.3		KD		
	527		KD		
370	444		KD		
	336		KD		
	395.2207		KD		
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	518		KD		
	15		KD		
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	436	-	KD		
370	296		KD		
	401		KD		
	328		KD		
	310		KD		
	356		KD		
379	88.16		KD		
		4 40202232			

SEARCH NOTES							
Search Notes	Date	Examiner					
	4/7/2011						
inventor Search		KD					
Eats Saerch		KD					
releated case history search 11/452,115		KD					

continue allow base on same recite limitation

SEARCH NOTES					
Search Notes	Date	Examiner			
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(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			
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	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			
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INTERFERENCE SEARCH							
Class	Subclass	Date	Examiner				
		9/20/2011					
709	207		KD				
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	219		KD				
		12/28/2011					
709	253		KD				
379	88.16		KD				

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

1	Rejected	•	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	L	Interference	0	Objected

Claims	renumbered	in the same	order as pr	esented by	applicant		CPA	□ T.	D. 🗆	R.1.47
CLAIM			DATE							
Final	Original	04/06/2011	09/27/2011	12/28/2011	05/03/2012					
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U.S. Patent and Trademark Office

Part of Paper No. 20120503

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

Y	Rejected		Can	Cancelled		Non-Elected	А	Appear
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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: 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.	<b>§1.114</b> :

a.		Previously submitted
	ī.	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
	iii.	Other
b.	$\boxtimes$	Enclosed
	1.	
	ii.	Affidavit/Declaration
	iii.	☐ Information Disclosure Statement with Form PTO-1449
		Copies of IDS Citations
	iv	Other

L.

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)

	\$930 =	Fee for Request for Continued Examination Under 37 C.F.R. §1.17(e)
\$465.00	TOTAL	
	\$465.00	SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)

- 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).
- 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 Depe	ndent Claim Pr	esent and	Fee Not Previo	usly Paid	\$	\$
				Total	\$120.00	\$

	Applicant(s) hereby petition for a month extension(s) of time to respond to the
$\boxtimes$	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).
$\boxtimes$	Any fees due are being paid electronically herewith.
$\boxtimes$	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

Aity. 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.

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,

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.

(Cancelled)

- (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)
- (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

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

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 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)
- (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

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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

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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 <u>user's</u> reaction <u>of the user</u> 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

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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
  - determining whether the message should be delivered to the user based on at least one attribute of the message;
  - 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.

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- 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.

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- 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 mall 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.

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Appln. No. 12/798,995

Docket No. IPVMCP02C1

- 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

# 1NFORMATION 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.

1

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

#### U.S. Patent Documents

			U.S	. Patent D	ocuments					
Examiner Initial	No.	Patent No.		Date	Patentee		Class	Sub		Filing Date
	1,	7,792	,552 B2	Sep10	Thomas et al.					
	2.		104 B1	Feb12	Thomas et al.					
	3.									
1.71	4.									
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	6.				-74					
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Init.	T	ocument No.	Date	Coun	try	Class	Subc	lass	Yes	No
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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.

Electronic Pat	ent Appl	ication Fee	e Transmit	tal			
Application Number:	1279	98995					
Filing Date:	14-A	pr-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:					1-47		
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
		al in USD (	4.5	585

Electronic A	cknowledgement 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
irst 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)

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.
100	Request for Continued Examination	Investment of the life	29044		2
1	(RCE)	IPVMCP02C1-RCE-7-12.pdf	e9955e) (0/a870(9174cs5)90991cb1b=081 9661d	no	
Warnings:					
This is not a USF	TO supplied RCE SB30 form.				
Information:				-	
2	Miscellaneous Incoming Letter	PVMCP02C1-AmdDTrans-7-12.	17276	na	1
		pdf	MitResialis8a1978ii/in 1551118-134a8edo 178		
Warnings:					
Information:					
3	Amendment Submitted/Entered with	IPVMCP02C1-AmdD-	58402	no	14
	Filing of CPA/RCE	asfiled-7-12.pdf	6db8081aHa75co1e6dB7/5a177tdcc679#24 72C	1105	100
Warnings:					
Information:					
4	Transmittal Letter	IPVMCP02C1-IDSTrans-7-12.pdf	20896	no	2
			94b0826011n(6±91f489t/83fc475640c1)us ant		
Warnings:					
Information:					
5	Information Disclosure Statement (IDS)	IPVMCP02C1-1449-7-12.pdf	19088	no	ī
	Form (SB08)		me/mw451146012600x261146111673466 e9ds		
Warnings:					
Information:					
This is not an US	SPTO supplied IDS fillable form				
6	Fee Worksheet (SB06)	fee-info.pdf	32460	no	2
3	The state of the s	The state of the s	Tithezityet9a4bce191301729193eee0b7o1 9e9cc		
Warnings:					
Information:					

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.

Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

P	PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Docket Number 98,995		ing Date 14/2010	To be Mailed
	AF	PPLICATION	AS FILE	5 - 4 - 4 - 4 - 4	(Column 2)	SMALL	ENTITY 🛛	QR		HER THAN
	FOR	N	UMBER FIL	ED NU	MBER EXTRA	RATE (\$)	FEE (\$)		BATE (\$)	FEE (\$)
	BASIC FEE (37 CFR 1.16(a), (b),	or (d))	N/A		N/A	N/A		1	N/A	
	SEARCH FEE (37 CFR 1.16(k), (i), (		N/A	144	N/A	N/A		1	N/A	
	EXAMINATION FE	E	N/A	77	N/A	N/A		1	N/A	
	TAL CLAIMS CFR 1.16(i))		mic	nus 20 = *		X \$ =		OR	X S =	
IND	EPENDENT CLAIM CFR 1.16(h))	S	m	inus 3 =		X \$ =		1	X S =	
	APPLICATION SIZE (37 CFR 1.16(s))	FEE shee is \$2 addit 35 U	ts of pap 50 (\$125 ional 50 .S.C. 41(	ation and drawin er, the application for small entity) sheets or fraction a)(1)(G) and 37	on size fee due for each n thereof. See				Ī,	
* 10	MULTIPLE DEPEN					TOTAL		1	TOTAL	
	APPI	(Column 1)	AMENL	(Column 2)	(Column 3)	SMA	LL ENTITY	OR		ER THAN LL ENTITY
AMENDMENT	07/18/2012	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL PEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
OME	Total (37 CFR 1.16(i))	- 52	Minus	48	= 4	X \$30 =	120	OR	X S =	
Z W	Independent (37 CFR 1.16(h))	- 4	Minus	4	= 0	X \$125 =	0	OR	X S =	
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	FIRST PRESEN	TATION OF MULTIP	LE DEPEN	DENT CLAIM (37 CF	R 1.16(j))	1000		OR		
F						TOTAL ADD'L FEE	120	OR.	TOTAL ADD'L FEE	
		(Column 1)	_	(Column 2)	(Column 3)			_		
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
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≥	Independent (37 CFR 1.16(h))		Minus	446	3	X \$ =	-	OR	X S =	
AMEND	Application Si	ze Fee (37 CFR 1	16(s))			1 A			T Y	
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***	the entry in column the "Highest Numbe If the "Highest Numb "Highest Number P	er Previously Paid er Previously Paid	For IN TH	HIS SPACE is less HIS SPACE is less	than 20, enter "20" s than 3, enter "3".	/LASH/	nstrument Ex AWN MARKS/ opriate box in colu		ier:	

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.uspio.gov

#### NOTICE OF ALLOWANCE AND FEE(S) DUE

34071 7590 IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022 10/03/2012

EXAMINER
DOAN, KIET M

ART UNIT PAPER NUMBER
2641

DATE MAILED: 10/03/2012

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

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	\$300	SO	\$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:

L 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.

Page 1 of 3

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: 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

	IO REAL		Fee par hav	e(s) Transmittal. This pers. Each additional p re its own certificate of Certif	certificate cannot be used paper, such as an assignment f mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must smission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
						(Depositor's name)
			-			(Signature)
			1			(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
ITTLE OF INVENTION:	SYSTEMS AND PROCE	ESSES TO MANAGE	MULTIPLE MODES OF	COMMUNICATION		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV: PAID ISSUET	FEE TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	\$300	SO	\$1170	01/03/2013
EXAMI	NER:	ART UNIT	CLASS-SUBCLASS			
DOAN, K	CIET M	2641	455-435300			
PTO/SB/47: Rev 03-02 Number is required.  B. ASSIGNEE NAME AN PLEASE NOTE: Unler recordation as set forth  (A) NAME OF ASSIG	ess an assignee is identifi in 37 CFR 3.11. Comple	Use of a Customer  TO BE PRINTED ON ed below, no assigne- tion of this form is No	(B) RESIDENCE: (CIT	agent) and the names orneys or agents. If no eprinted. pe) patent. If an assignee assignment. Y and STATE OR CO	of up to a mame is 3	document has been filed for roup entity  Government
la. The following fee(s) a  Issue Fee  Publication Fee (No	o small entity discount per		4b. Payment of Fee(s): (Ple A check is enclosed. Payment by credit ca The Director is hereb overpayment, to Dep	rd. Form PTO-2038 is y authorized to charge	attached: the required fee(s), any d	
-	us (from status indicated a				Manager of the	and a view office
NOTE: The Issue Fee and	SMALL ENTITY status. Publication Fee (if require ecords of the United State	red) will not be accept	ed from anyone other than	0	ENTITY status. See 37 C ered attorney or agent; or t	he assignee or other party in
Authorized Signature				Date		
Typed or printed name				Registration No.		
This collection of informa in application. Confidenti submitting the completed his form and/or suggestic Box 1450. Alexandria, Vi Alexandria, Virginia 2231 Under the Paperwork Red	iality is governed by 35 U application form to the U ons for reducing this burd- irginia 22313-1450. DO N 3-1450.	I.S.C. 122 and 37 CFI ISPTO. Time will va- en, should be sent to to FOT SEND FEES OR	R 1.14. This collection is es ry depending upon the indi the Chief Information Offic COMPLETED FORMS T	stimated to take 12 mi vidual case. Any com er, U.S. Patent and Tr O THIS ADDRESS.	nutes to complete, includi ments on the amount of ti ademark Office, U.S. Dep SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and ime you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450.



#### 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.npho.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.				
12/798,995	04/14/2010	Kwok Wai Cheung	IPVMCP02C1 3193					
34071 759	10/03/2012		EXAM	INER.				
IPVENTURE, IN	C.		DOAN, I	KIET M				
5150 EL CAMINO SUITE A-22	REAL		ART UNIT	PAPER NUMBER				
LOS ALTOS, CA 9	94022		2641					
			DATE MAILED: 10/03/2012	2				

#### 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:

- 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.
- 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).
- 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.
- 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.
- 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.

	Application No.	Applicant(s)			
	12/798,995	CHEUNG ET AL.			
Notice of Allowability	Examiner	Art Unit			
	KIET DOAN	2617			
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon pelition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate committed IGHTS. This application is s	n this application. If not included unication will be mailed in due course. The			
<ol> <li>         This communication is responsive to <u>07/18/2012</u>.     </li> </ol>					
<ol> <li>An election was made by the applicant in response to a res the restriction requirement and election have been incorporate</li> </ol>		during the interview on;			
3. ☑ The allowed claim(s) is/are 1,3-5,8,9,21,22,24-27 and 29-6	<u>8</u> .				
<ol> <li>Acknowledgment is made of a claim for foreign priority under a) ☐ All b) ☐ Some* c) ☐ None of the:</li> </ol>	er 35 U.S.C. § 119(a)-(d) or	(f).			
1. Certified copies of the priority documents have	e been received.				
<ol><li>Certified copies of the priority documents have</li></ol>	e been received in Application	n No			
<ol><li>Copies of the certified copies of the priority do</li></ol>	cuments have been receive	d in this national stage application from t	the		
International Bureau (PCT Rule 17.2(a)).					
* Certified copies not received:					
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the requirements	S		
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv					
6. CORRECTED DRAWINGS ( as "replacement sheets") mus	st be submitted.				
(a) Including changes required by the Notice of Draftspen	son's Patent Drawing Review	y ( PTO-948) attached			
1) hereto or 2) to Paper No./Mail Date					
<ul><li>(b) ☐ including changes required by the attached Examiner Paper No./Mail Date</li></ul>	's Amendment / Comment of	in the Office action of			
Identifying indicia such as the application number (see 37 CFR teach sheet. Replacement sheet(s) should be labeled as such in					
<ol> <li>DEPOSIT OF and/or INFORMATION about the deposit of E attached Examiner's comment regarding REQUIREMENT Formatten Processing American Section 2018</li> </ol>					
Attachment(s)					
1. Notice of References Cited (PTO-892)		formal Patent Application			
2 Notice of Draftperson's Patent Drawing Review (PTO-948)		ummary (PTO-413). /Mail Date			
<ol> <li>Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 07/18/2012</li> </ol>		Amendment/Comment			
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛛 Examiner's	Statement of Reasons for Allowance			
of Biological Waterial	9.  Other	÷.			
/Kiet Doan/ Primary Examiner, Art Unit 2617					

U.S. Patent and Trademark Office PTOL-37 (Rev. 03-11)

Notice of Allowability

Part of Paper No./Mail Date 20120924

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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

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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

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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 <a href="http://pair-direct.uspto.gov">http://pair-direct.uspto.gov</a>. 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 Page 4

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#### EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	Search Query DBs	Default Operator	Plurals	Time Stamp	
L1	2	2 "7792552".pn. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	USOCR; EPO; JPO;	OR	OFF	2012/09/24 20:54	
L2	2	"8112104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2012/09/24 20:59	
L3	60	"20020142756"   "20030041048"   USPAT; "20030103600"   "20030105854"   USOCR "20030112948"   "20030129968"   "20030191814"   "20030232629"   "20040024882"   "20040122979"   "20040203919"   "20050027385"   "20050136955"   "20050071253"   "20050136955"   "20050191994"   "20050192061"   "20050273327"   "20060239419"   "20060288099"   "20070047522"   "20080261636"   "20100205272"   "5425516"   "5548636"   "5758079"   "5828731"   "5930700"   "5970388"   "6119022"   "6327628"   "6463462"   "6577859"   "66368888"   "6665534"   "6788766"   "6801793"   "6816578"   "6819757"   "6977625"   "6978136"   "7010288"   "7010332"   "7027842"   "7043261"   "7072452"   "7085253"   "7107010"   "7110963"   "7111044"   "7116976"   "7188073"   "7245266"   "7376434"   "7403972"   "7729688"   "7792522"   "7890128").PN.	9	OR OFF		2012/09/24 21:01	
L4	188	("0320558"   "0669949"   "1255265"   "1917745"   "20010005230"   "20020017997"   "20020081982"   "20020084990"   "20020089639"   "20020090103"   "20020098877"   "2002019600"   "20020140899"   "20020197961"   "20030018274"   "20030022690"   "20030032449"   "20030062046"   "20030065257"   "20030067585"   "20030068057"   "20030083591"   "20030026978"   "2004000733"   "20040063378"   "20040150986"   "20040100384"   "20040157649"   "20040160571"   "20040160572"   "20040160573"   "20050230596"   "20050243719"	US-PGPUB; USPAT; USOCR	OR	OFF	2012/09/24 21:04	

S2	40	("20020067806"   "20020094067"   "20030041048"   "20030103600"   "20030129968"   "20030232629"   "20040024882"   "20040122979"   "20050037785"   "20050071253"   "20050191994"   "20050192061"   "20050273327"   "20060288099"   "20070047522"   "5548636"   "5758079"   "5786893"   "5828731"   "5930700"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/20 11:36
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		"20060023158"   "20070098192"   "20070109491"   "20070186330"   "20070208531"   "20070270663"   "20070271065"   "20070271116"   "20070271387"   "20071020853"   "20080068559"   "20080262392"   "2249572"   "2638532"   "2794085"   "2818511"   "2830132"   "2904670"   "3060308"   "3597054"   "3710115"   "4165487"   "4254451"   "4283127"   "4322585"   "4348664"   "4389217"   "4526473"   "4535244"   "4608492"   "4683587"   "4751691"   "4757714"   "4773095"   "4806011"   "4822160"   "4822161"   "4851686"   "4942629"   "4962469"   "4985632"   "5008548"   "5020150"   "5036311"   "5050150"   "5353378"   "5359370"   "5367345"   "5379464"   "5382986"   "5394005"   "5452480"   "5456640"   "55513384"   "5533130"   "5581090"   "5588571"   "5580332"   "5510961"   "558871"   "5589398") PN. OR ("5590417"   "5586746"   "598137"   "5988812"   "5900720"   "5941837"   "5946071"   "5966746"   "598592"   "6010216"   "6013919"   "6028627"   "6046455"   "6060321"   "601580"   "6225897"   "6231181"   "6236969"   "6243578"   "6259367"   "637526"   "6343858"   "6349001"   "6478736"   "6554763"   "6513532"   "6176678"   "625897"   "6231181"   "6236969"   "6243578"   "6259367"   "637526"   "6343858"   "6349001"   "6478736"   "6554763"   "6513532"   "6176678"   "625897"   "6211811"   "6236969"   "6243578"   "6259367"   "637526"   "6343858"   "6349001"   "6478736"   "6554763"   "6542081"   "6478736"   "6554763"   "6513532"   "6517203"   "657926"   "6736759"   "6629076"   "6729726"   "6736759"   "6646101"   "6554763"   "6512386"   "6929365"   "6947219"   "7013009"   "7031667"   "7073905"   "7192136"   "7255437"   "7265358"   "7274292"   "7312699"   "7331666"   "7376238"   "7380936"   "7429965"   "D369167").PN.				

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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; 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;	OR	OFF	2011/09/20 12:51

			USOCR			
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; 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
\$23	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".рп.	US-PGPUB;	OR	OFF	2011/09/27

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB		facilitation in the state of th	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 restrick\$3 block\$3) with (mobile wireless handheld portable pda) and access\$3 near3 priorit\$3 and (restrick\$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 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
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;	OR	OFF	2011/12/28

			USPAT; USOCR; EPO; JPO; DERWENT			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
S43	16	server with stor\$4 with (message\$1 (voice near mail)) and access near2 priority and (id identif\$3) and "455"/\$.cds.	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; USOOR	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".рп.	US-PGPUB;	OR	OFF	2011/12/28

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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

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

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	CLASS	5+		SUBCLAS	s				CL	AIMED	NON-CLAIMED		
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379	265.09												
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	Claims renumbered in the same order as presented by applicant								t							
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2	3		19	29	35	16	51	38	67			11				
3	4		20	39	36	20	52	52	68		1 7 1	11 1				
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	6	9	22	41	38	21	54					14				
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NONE	N.A.	Total Claims Allowed:	
(Assistant Examiner)	(Date)		
/KIET DOAN/ Primary Examiner.Art Unit 2617	09/24/2012	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	2

U.S. Patent and Trademark Office

Part of Paper No. 20120924

# Search Notes

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Application/Control No.	Applicant(s)/Patent Under Reexamination
12798995	CHEUNG ET AL.
Examiner	Art Unit
KIET DOAN	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
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	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
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SEARCH NOTES		
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(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
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(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
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(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
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INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
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709	207		KD
	206		KD

INTERFERENCE SEARCH			
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	219		KD
,		12/28/2011	
709	253		KD
379	88.16		KD

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Index of Claims	12798995	CHEUNG ET AL.
	Examiner	Art Unit
	KIET DOAN	2617

1	Rejected		Cancelled	N	Non-Elected	A	Appeal
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U.S. Patent and Trademark Office

Part of Paper No. 20120924

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

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Form 1449 (Modified)	Atty. Docket No.	IPVMCP02C1
i with 1330 funding)	Application No.:	12/798,995
Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	April 14, 2010
	Group	2617
(Use Several Sheets if Necessary)		Page 1 of 1

#### U.S. Patent Documents

			U.S	. Patent D	ocuments					
Examiner Initial	No.	Patent No.		Date	Patentee	(	Class	Sub		Filing Date
/K.D./	1.	7,792	,552 B2	Sep10	Thomas et al.					
/K.D./	2.		104 B1	Feb12	Thomas et al.					
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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

In re application of: CHEUNG et al.

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.

4	Submission required under 37 C.F.N. 91.114.							
	a.		Previously submitted  Consider the amendment/reply under 37 C.F.B.	8				

Consider the amendment/reply under 37 C.F.R. §1.116 previously filed on \_\_\_. (Any unentered amendment referred to above will be entered.) Consider the arguments in the Appeal Brief or Reply Brief previously filed on iii. Other  $\boxtimes$ Enclosed b. Amendment/Reply î. ii. Affidavit/Declaration Information Disclosure Statement with Form PTO-1449 iii. Copies of IDS Citations Other \_\_\_\_.

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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 =	\$930.00
	TOTAL	\$930.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)	\$465.00	\$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).
- 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 31, 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 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 Depe	ndent Claim Pr	\$	\$			
				Total	\$93.00	\$

	Applicant(s) hereby petition for a month extension(s) of time to respond to the
$\boxtimes$	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.

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 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 <u>associated with</u> the user stored at the second device, and an access priority of <u>associated with</u> 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.

# (Cancelled)

- (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.

 (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.

Appln. No. 12/798,995

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:

Appln. No. 12/798,995

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 <u>associated with</u> the user <del>previously captured and stored at the second device</del>, and an access priority of <u>associated with</u> 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<sub>T</sub>

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)
- (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

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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 <u>associated with</u> 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.

Appln. No. 12/798,995

Docket No. IPVMCP02C1

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 <u>associated with</u> the user <del>previously captured and stored at the second device,</del> and an access priority of <u>associated with</u> 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 <u>associated with</u> 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 <u>associated with</u> 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
  - determining whether the message should be delivered to the user based on at least one attribute of the message;

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- (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.

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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 previde 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 <u>associated with</u> 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.

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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

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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.

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# REMARKS

Applicants acknowledge with gratitude the allowance of the previously-presented claims 1, 3-5, 8, 9, 21, 22, 24-27, and 29-68. By this amendment, Applicants have amended claims 1, 3, 8, 21, 26, 31-36, 38-40, 46, 49, 54, 57, and 62 to further clarify the subject matter regarded as the invention; and have added claims 69-71. Accordingly, claims 1, 3-5, 8, 9, 21, 22, 24-27, and 29-71 are 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

# 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.

1

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

### U.S. Patent Documents

Examiner Initial	No.	Patent No.		Date	Patentee	(	Class	Sub		Filing Date
	1.	2001/002	8709 A1	Oct01	Makela et al.					
	2.	2011/015	1852 A1	Jun11	Olincy et al.					
	3.	6,819	,945 B1	Nov04	Chow et al.					
11 -1	4.	8,280	,419 A1	Oct12	Thomas et al.					
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Init.		ocument No.	Date	Count	ry	Class	Subc	lass	Yes	No
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Examiner	Date Considered

Electronic Pat	ent Appl	ication Fee	e Transmit	tal		
Application Number:	1279	98995				
Filing Date:	14-Apr-2010					
Title of Invention:		TEMS AND PROCE	SSES TO MANAG	E MULTIPLE MOD	ES OF	
First Named Inventor/Applicant Name:	Kwo	k Wai Cheung				
Filer:	Pete	r P. Tong				
Attorney Docket Number:	IPVN	1CP02C1				
Filed as Small Entity	7.9					
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	1.1.1	465	465
Submission-Information Disclosure Stmt	1806	j-	180	180
	Tot	al in USD (	\$)	738

Electronic	cknowledgement 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
rirst 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)

Information:  Amendment Submitted/Entered with Filing of CPA/RCE  IPVMCP02C1-AmdE-asfiled-1-13.pdf  Warnings:  Information:  4 Transmittal Letter  IPVMCP02C1-IDSTrans-1-13.pdf  20952  no 975-a21197410006057140088884625201-09111  Zast1  Warnings: Information:	1
Commission   Com	1
This is not a USPTO supplied RCESB30 form.  Information:  2 Miscellaneous Incoming Letter IPVMCP02C1-AmdETrans-1-13. pdf IPVMCP02C1-AmdETrans-1-13. pdf IPVMCP02C1-AmdETrans-1-13. pdf IPVMCP02C1-AmdE-asfiled-1-13.pdf IPVMCP02C1-AmdE-asfiled-1-13.pdf IPVMCP02C1-AmdE-asfiled-1-13.pdf IPVMCP02C1-AmdE-asfiled-1-13.pdf IPVMCP02C1-IDSTrans-1-13.pdf IPVMCP02C1-IDSTrans-	
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Amendment Submitted/Entered with Filing of CPA/RCE  Warnings:  Information:  4 Transmittal Letter  IPVMCP02C1-AmdE-asfiled-1-13.pdf  20952  IPVMCP02C1-IDSTrans-1-13.pdf  975a2(199a)100des Entered Service 2016 1011  Warnings:  Information:	
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

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

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

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

### New International Application Filed with the USPTO as a Receiving Office

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

PTO/SB/06 (07-06)

Approved for use through 1/31/2007. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Filing Date 12/798,995 04/14/2010 To be Mailed Substitute for Form PTO-875 APPLICATION AS FILED - PART I OTHER THAN (Column 1) (Column 2) SMALL ENTITY X SMALL ENTITY FOR NUMBER FILED NUMBER EXTRA RATE (\$) FEE (\$) RATE (\$) FEE (8) BASIC FEE N/A N/A N/A N/A SEARCH FEE N/A N/A N/A N/A 37 CFR 1.16(K), (I) **EXAMINATION FEE** N/A N/A N/A N/A (37 CFR 1.16(a), (b), or (d) TAL CLAIMS OR XS X S minus 20 : (37 CFR 1.16(i)) INDEPENDENT CLAIMS XS X 5 minus 3 (37 CFR 1.16(h)) If the specification and drawings exceed 100 sheets of paper, the application size fee due APPLICATION SIZE FEE is \$250 (\$125 for small entity) for each (37 CFR 1.16(s)) 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)) TOTAL TOTAL If the difference in column 1 is less than zero, enter "0" in column 2. APPLICATION AS AMENDED - PART II OTHER THAN SMALL ENTITY SMALL ENTITY (Column 1) (Column 2) (Column 3) OR. CLAIMS HIGHEST REMAINING NUMBER PRESENT ADDITIONAL ADDITIONAL 01/02/2013 RATE (\$) RATE (\$) PREVIOUSLY EXTRA FEE (\$) FEE (\$) AMENDMEN. **AMENDMENT** PAID FOR Total (37 CFR 93 . 55 Minus - 52 = 3 OR X S31 = XX - 4 Minus 4 0 X \$125 = 0 OR X S Application Size Fee (37 CFR 1.16(s)) FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) OR TOTAL TOTAL ADD'L 93 OR. ADD'L (Column 1) (Column 2) (Column 3) ADDITIONAL REMAINING PRESENT ADDITIONAL NUMBER RATE (\$) RATE (\$) FEE (\$) PREVIOUSLY AFTER EXTRA FEE (\$) ENDMEN Total (STOFR Minus OR XS Minus OR XS X S Application Size Fee (37 CFR 1.16(s)) AM FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) OH ADD'L OR ADD'L If the entry in column 1 is less than the entry in column 2, write "0" in column 3. Legal Instrument Examiner: \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". /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.

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The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3"

	Application No.	Applicant(s)
Examiner-Initiated Interview Summary	12/798,995	CHEUNG ET AL.
Examiner-initiated interview Summary	Examiner	Art Unit
	KIET DOAN	2641
All participants (applicant, applicant's representative, PT	O personnel):	
(1) <u>KIET DOAN</u> .	(3)	
(2) Peter P. Tong	(4)	
Date of Interview: 10 July 2013.		
Type: ☐ Telephonic ☐ Video Conference ☐ Personal [copy given to: ☐ applicant	applicant's represent	ative]
Exhibit shown or demonstration conducted: Yes If Yes, brief description:	⊠ No.	
Issues Discussed 101 112 102 103 00 (For each of the checked box(es) above, please describe below the issue and defined to the checked box (es) above.		
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 agreen reference or a portion thereof, claim interpretation, proposed amendments, arg		
The examiner discussed with Applicant Representative amendment claims 1, 21, 26 and 36 in order to place app		
amendment dams 1, 21, 20 and 30 in order to place app	dication for condition of an	owance, see unice action.
Applicant recordation instructions: It is not necessary for applicant	to provide a separate record of the	ne substance of interview.
Examiner recordation instructions: Examiners must summarize the substance of an interview should include the items listed in MPEP 7 general thrust of each argument or issue discussed, a general indication general results or outcome of the interview, to include an indication as the substance of the interview.	713.04 for complete and proper re n of any other pertinent matters of	ecordation including the identification of the discussed regarding patentability and the
Attachment		
/Kiet Doan/ Primary Examiner, Art Unit 2641		
S: Pateril and Trademark Office TOL-413B (Rev. 8/11/2010) Interv	iew Summary	Paper No. 20130710

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

# NOTICE OF ALLOWANCE AND FEE(S) DUE

34071 7590 IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022 07/16/2013

EXAMINER

DOAN, KIET M

ART UNIT PAPER NUMBER

2641

DATE MAILED: 07/16/2013

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

APPLN. TYPE	ENTITY STATUS	ISSUE FEB DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL.	\$890	\$300	SO.	\$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.

Page 1 of 4

# PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
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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.

34071 IPVENTURE, 5150 EL CAMII			pape	ers. Each additional pape e its own certificate of m Certifica	er, such as an assignme ailing or transmission. te of Mailing or Trans	r domestic mailings of the or any other accompanying nt or formal drawing, must mission g deposited with the United it class mail in an envelope above, or being facsimile tie indicated below.
LOS ALTOS, C	A 94022					(Depositor's name)
100 (100, 0	11 2 1022					(Signature)
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APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	ATT	ORNEY DOCKET NO.	CONFIRMATION NO.
12/798.995	04/14/2010		Kwok Wai Cheung		IPVMCP02C1	3193
APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$890	\$300	50	\$1190	10/16/2013
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	1		
DOAN.	KIET M	2641	455-435300	I		
CFR 1.363).  Change of corresp Address form PTO/SI  "Fee Address" ind	ence address or indicatio condence address (or Cha B/122) attached. lication (or "Fee Address 12 or more recent) attach	nge of Correspondence	(2) the name of a single registered attorney or a	3 registered patent atto vely, e firm (having as a mem agent) and the names of rneys or agents. If no na	ber a 2	
PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSIGNATION OF	less an assignee is ident in in 37 CFR 3.11. Comp GNEE	ified below, no assignce election of this form is NO categories (will not be p	of a substitute for filing an (B) RESIDENCE; (CITY	atent. If an assignee is assignment.  and STATE OR COUN  Individual Corpora	TRY) tion or other private gro	ocument has been filed for our entity Government
4a. The following fee(s)	are submitted:	4	<ul> <li>b. Payment of Fee(s): (Please)</li> <li>A check is enclosed.</li> </ul>	ise first reapply any pro	eviously paid issue fee	shown above)
The second secon	No small entity discount p	permitted)	Payment by credit car	d Form PTO-2038 is an	ached	
Advance Order - #		Zemine#/	The Director is hereby overpayment, to Depo	authorized to charge the	required fee(s), any de	ficiency, or credit any n extra copy of this form).

5. Change in Entity Status (from status indicated above)				
Applicant certifying micro entity status. Sec 37 CFR 1.29	NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and L5B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment			
☐ Applicant asserting small entity status. See 37 CFR 1.27	NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.			
Applicant changing to regular undiscounted fee status.	NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or mice entity status, as applicable.			
NOTE: The Issue Fee and Publication Fee (if required) will not be ac interest as shown by the records of the United States Patent and Trade	cepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in mark Office.			
Authorized Signature	Date			
Typed or printed name	Registration No.			
an application. Confidentiality is governed by 35 U.S.C. 122 and 37 submitting the completed application form to the USPTO. Time will this form and/or suggestions for reducing this burden, should be sent Box 1450, Alexandria, Virginia 22313-1450, DO NOT SEND FEES Alexandria, Virginia 22313-1450.	mation is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and vary depending upon the individual case. Any comments on the amount of time you require to complete to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450,			
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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 759	07/16/2013		EXAM	INER.
IPVENTURE, IN			DOAN, I	KIET M
5150 EL CAMINO SUITE A-22	REAL		ART UNIT	PAPER NUMBER
LOS ALTOS, CA 9	94022		2641	
			DATE MAILED: 07/16/201	3

# 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:

- 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.
- 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.
- 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).
- 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.
- 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.
- 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.

	Application No. 12/798,995	Applicant(s CHEUNG E	
Notice of Allowability	Examiner KIET DOAN	Art Unit 2641	AIA (First Inventor to File) Status No
- The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in or other appropriate commu GHTS. This application is si	this application. If no nication will be mailed	t included in due course. THIS
<ol> <li>This communication is responsive to <u>01/02/2013</u>.</li> <li>A declaration(s)/affidavit(s) under 37 CFR 1.130(b) was</li> </ol>	/were filed on		
<ol> <li>An election was made by the applicant in response to a rest requirement and election have been incorporated into this are</li> </ol>		during the interview o	n; the restriction
<ol> <li>The allowed claim(s) is/are 1.3-5.8.9.21.22.24-27 and 29-71 the Patent Prosecution Highway program at a participating information, please see <a href="http://www.uspto.gov/patents/init_ev">http://www.uspto.gov/patents/init_ev</a></li> </ol>	intellectual property office for	or the corresponding	application. For more
Certified copies:  a)  All b) Some c) None of the:  1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have international Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. CORRECTED DRAWINGS (as "replacement sheets") must including changes required by the attached Examiner's Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the	been received in Application cuments have been received of this communication to file IENT of this application.  to be submitted.  Amendment / Comment or 184(c)) should be written on the header according to 37 CFI	in this national stage a reply complying with in the Office action of e drawings in the front R 1.121(d).	n the requirements
<ol> <li>DEPOSIT OF and/or INFORMATION about the deposit of B attached Examiner's comment regarding REQUIREMENT FC</li> <li>Attachment(s)</li> </ol>			the
Notice of References Cited (PTO-892)     ⊠ Information Disclosure Statements (PTO/SB/08),		Amendment/Commer Statement of Reason	

U.S. Patent and Trademark Office PTOL-37 (Rev. 05-13)

Notice of Allowability

Part of Paper No./Mail Date 20130710

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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.

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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.

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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

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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,

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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.

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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."

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

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Examiner	/Kiet Doan/	Date Considered	07/14/2013	
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Form 1449 (Modified)	Atty. Docket No.	IPVMCP02C1
	Application No.:	12/798,995
Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	April 14, 2010
	Group	2617
(Use Several Sheets if Necessary)		Page 1 of 1

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Issue Classification	Application/Control No. 12798995	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2641

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(Primary Examiner)	(Date)	21	2			

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination CHEUNG ET AL.
	Examiner KIET DOAN	Art Unit 2641

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Index of Claims	12798995	CHEUNG ET AL.
	Examiner	Art Unit
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1	Rejected	•	Cancelled	N	Non-Elected	A	Appeal
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