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…不具备创造性的基础上，从属权利要求 4 也不具备创造性。

5、从属权利要求 5 对权利要求 1 至 4 之一作了进一步的限定，对比文件 1 还公开了以下技术特征：呼叫者 10 和使用者 38 均通过各自的通讯设备和通讯网络连接到通讯节点 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）；此外，家庭电话、PDA 中的移动 SMS、用移动电话或 PDA 发的传呼信息、家用/办公室 SMS、移动在线聊天、家庭在线聊天、带有/不带有即时提醒的声音邮件、办公室传真、家庭传真、移动电子邮件等通讯模式均是本领域常用的通讯模式，采用这些通讯模式进行通信是本领域的惯用技术手段。因此，在其引用的权利要求 1 至 4 之一不具备创造性的基础上，从属权利要求 5 也不具备创造性。

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

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

8、从属权利要求 8 对权利要求 1 至 7 之一作了进一步的限定，对比文件 1 公开了以下技术特征：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第 [0015] 段第 15-18 行），由表 1 可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于"该信息基于互联网协议通过一个网站用电子手段来发送"）；对比文件 2 还公开了以下技术特征：包括数据库在内的网络数据库与使用者 PDA 中的信息自动保持同步（参见说明书第 5 栏第 27-38 行，第 6 栏第 21 行），数据库提供呼叫者和日期的会员……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）。（相当于"该网站保存使用者的……

210403   纸件申请，国国博奇，100088 北京市海淀区蓟门桥西土城路 6 号   国家知识产权局专利……
2010.2   电子申请，应当通过电子专利申请系统以电子文件形式提交相关文件。除另有规定外，以纸件等其他形式提交的文件视为未提交。

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电子日历；而且，鉴于该日历的信息自动设置使用者与该人的约会"），且其在权利要求8和对比文件2中所起作用相同，均是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以解决其技术问题的启示，因而在其引用的权利要求1至7之一不具备创造性的基础上，从属权利要求8也不具备创造性。

9、从属权利要求9对权利要求1至8之一作了进一步的限定，对比文件1还公开了：通讯系统的通讯网络可以是广域网，例如互联网、万维网或其它在线服务（参见说明书第[0015]段第15-18行），且由表1可知，呼叫者可以通过电子邮箱地址来发出呼叫（相当于"该信息基于互联网协议通过一个网站用电子手段来发送"），因而在其引用的权利要求1至6之一不具备创造性的基础上，从属权利要求9也不具备创造性。

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

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

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

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

权利要求10请求保护的技术方案与对比文件1的区别在于：尽管接收者可以接收消息，但是请求者并不了解接收者的接触信息，从而避免请求者未经基于网络入口直接发送消息给接收者，并且/或者尽管接收者可以接收信息，但是接收者并不了解请求者的接触信息，从而避免接收者未经基于网络入口直接发送消息给请求者。基于该区别技术特征可以确定：权利要求10相对于对比文件1实际解决的技术问题是：在通讯过程中隐藏请求者和/或接收者的实际联系方式以保护用户隐私。对比文件3（CN1453981A）公开了一种电话通讯方法及装置，并具体披露了以下技术特征：通讯过程中利用了遮蔽通讯服务系统，当设定以虚拟的遮蔽通讯代码与外界通讯时，电话用户的原始电话号码即被遮蔽，拨打电话与外界通讯时，接收方的来电显示不会显示拨打方的原始电话号码，以保障拨打方的个人隐私（相当于"尽管接收者可以接收消息并不了解请求者的接触信息，从而避免接收者未经遮蔽通讯服务直接发送消息给请求者"，参见说明书第页第19-21行、附图1），电话用户设定开启遮蔽通讯服务功能时，电话用户系开放以遮蔽通讯代码与外界通讯，仅知遮蔽通讯代码的特定人士，能够利用电话用户形式上的通讯电话号码，即遮蔽通讯代码与电话用户保

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

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

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

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

14、从属权利要求14对权利要求10作了进一步的限定，对比文件1还公开了以下技术特征：使用者的状态（参见说明书附图3模块340），规则库36可由使用者设置（参见说明书第[0021]段第4-7行），基于规则库中的规则、呼叫优先级和使用者状态，决定对此呼叫请求采取适当的措施，如省略号音邮件、使用声音邮件、自动呼叫使用者等通讯方式（参见说明书表1和附图3），（相当于"适应方结合包含了请求接收

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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或多条可配置的规则、请求者的能取得联系的优先级以及接收者的状态，确定该流入通讯请求的适宜通讯类型"，），因而在其引用的权利要求 10 不具备创造性的基础上，从属权利要求 14 也不具备创造性。

15、从属权利要求 15 对权利要求 14 作了进一步的限定，对比文件 1 还公开了以下技术特征：确定呼叫的紧急程度（参见说明书附图 3 模块 320），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则、呼叫优先级、接收者状态和呼叫的紧急程度，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 3），（相当于 "上述方法还包括确定该流入通讯请求的紧急等级，并且其中，上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系的优先级、接收者的状态和该流入通讯请求的紧急等级，确定该流入通讯请求的适宜通讯类型"，），因而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、从属权利要求 16 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：确定呼叫的紧急程度（参见说明书附图 3 模块 320），规则库 36 可由使用者设置（参见说明书第[0021]段第 4-7 行），基于规则库中的规则、呼叫优先级和呼叫的紧急程度，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 3），（相当于 "上述方法进一步包括确定该流入通讯请求的紧急等级，并且其中，上述确定步骤执行用以基于所述一条或多条可配置的规则、请求者的能取得联系的优先级和该流入通讯请求的紧急等级，确定该流入通讯请求的适宜通讯类型"，），因而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、从属权利要求 17 对权利要求 10 作了进一步的限定，其限定部分的附加技术特征为 "适宜通讯类型从以下多个通讯类型中选择，包括用"，对比文件 1 还公开了以下特征：呼叫者 10 和使用者 38 使用的通讯设备包括有线电话、移动电话、PDA、网络电话、传真等（参见说明书第[0014]段第 5-15 行），使用者对呼叫采取的适当通讯方式包括用移动电话发的传呼信息、电子邮件等（参见说明书第[0037]段第 1-6 行）；除此之外，用移动电话打的电话、用办公电话拨的电话、家庭电话机打的电话、用移动电话发送的 SMS 信息、用 PDA 发的 SMS 信息、用 PDA 拨的传呼信息、在线聊天、带或不带有即时提醒的声音邮件、办公室传真、家庭传真等通讯类型也是本领域常用的通讯类型，采用这些通讯类型是本领域的惯用技术手段。因而在其引用的权利要求 10 不具备创造性的基础上，从属权利要求 17 也不具备创造性。

18、从属权利要求 18 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：确定使用者的状态（参见说明书附图 3 模块 340），规则库 36 可由使用者设置（参见说明书第[00□□]段），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，决定对此呼叫请求采取适当的操作，如常规声音邮件、定制声音邮件、自动呼叫使用者等通讯方式（参见说明书表 1 和附图 3），（相当于 "上述方法还包括确定接收者的状态，并且其中，上述确定步骤执行用□□□□□□□□□□□□□□□□□□□□□

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

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

20、从属权利要求 20 对权利要求 10 作了进一步的限定，对比文件 1 还公开了以下技术特征：如果呼叫者身份未知，则无论何种呼叫优先级、何种使用者状态和位置、何种时间，对此呼叫请求采取的操作均为常规声音邮件（相当于"上述确定适宜的通讯类型，包括过滤该流入通讯请求"，参见说明书第[0030]段第 1-4 行、表 1）；规则库 38 可由使用者设置（参见说明书第[0021]段第 4-7 行，基于规则库中的规则和呼叫优先级，决定对此呼叫请求采取适当的操作，例如声音邮件、传呼信息等（相当于"基于所述一条或多条可配置的规则以及请求者的能取得联系的优先级，该流入通讯请求改向到另一种较小打扰的通讯类型"，参见说明书表 1 和附图 3）；此外，对于本领域技术人员来说，对于某些不安全的或被列入黑名单的呼叫者，系统也可以自动拒绝其通讯请求，以提高该通讯管理方法的安全性，这是本领域的惯用技术手段。因此，在其引用的权利要求 10 不具备创造性的基础上，从属权利要求 20 也不具备创造性。

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

22、权利要求 22 请求保护一种用于为一个接收者管理流入通讯的用计算机来实现方法，对比文件 1 公开了一种计算机执行的通讯管理系统和方法，其基于网络入口（参见说明书第[0]段），开了以下特征（参见说明书第[0029]段第 2-12 行，第[0034]段第 10-11 行，表 1、附图 3

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

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

23、从属权利要求 23 对权利要求 22 作了进一步的限定。对比文件 1 还公开了以下技术特征：规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第 [0026] 段第 1-4 行）。且规则库 36 可由使用者设置（相当于"通讯处理标准的至少一个属性由接收者决定"，参见说明书第 [0021] 段第 1-7 行），采取的通讯类型可以是将呼叫转移到管理助手、备用电话设备、无线信息设备、或转移给个人助理并以即时消息的方式转发给使用者等（相当于"多个通讯模式至少包括三种通讯模式"，参见说明书第 [0029] 段第 2-12 行），因而在其引用的权利要求 22 不具备创造性的基础上，从属权利要求 23 也不具备创造性。

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

25、从属权利要求 25 对权利要求 23 或 24 作了进一步的限定。对比文件 1 还公开了以下技术特征：规则库包括呼叫时间、使用者的活动、呼叫优先级、使用者状态、呼叫的紧急程度和使用者的位置等，基于规则库中上述因素中的一个或多个，根据规则库中的规则决定采取通讯的类型（相当于"预定通讯处理标准取决于至少一个可配置的规则，而且其中，该至少一个可配置的规则利用以下因素中的一个或多个：该流入通讯请求的时间，有关接收者当前活动的一条信息，请求者的能取得联系的优先级，接收者的状态，该流入通讯请求的紧急等级以及接收者的当前位置"，参见说明书第 [0026] 段第 9-11 行、表 1、附图 3），因而在其引用的权利要求 23 或 24 不具备创造性的基础上，从属权利要求 25 也不具备创造性。

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

27、从属权利要求 27 对权利要求 23 至 26 之一作了进一步的限定。对比文件 1 还公开了以下技术特征：由说明书附图 1 可知，呼叫者 10 的通讯请求通过通讯网络 14 传送给使用者 38，规则库 36 通过通讯节点 16 和通讯网络 18 联接，规则库 36 包含了呼叫者身份、呼叫优先级、使用者的状态和位置等信息和规则（参见说明书第 [0026] 段第 1-4 行），使用者 38 可以通过通讯网络 18 来设置规则库（见说明书第 [0021] 段，附图 1），（相当于"该流入通讯请求可以通过一个数据网络，而且，其中该通讯处理标准的至少一个属性是由接收者通过与一个网络的相互作用而设置的"），因而在其引用的权利要求 23 至 26 之一不具备创造性的基础上

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础上，从属权利要求27也不具备创造性。

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

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

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

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

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

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

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

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

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

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

（二）对于申请人的意见陈述

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

审查员对此持不同意见：

首先，对比文件3公开了上述特征，且作用和在本申请中相同，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"（即原独立权利要求新加的区别技术特征），对应了现有技术中的常用的呼叫转移情况，例如，当呼叫者致电用户手机时，用户可能未来

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电转移至某一固定电话，而且通常情况下呼叫者总不知道该固定电话的号码的，这是本领域的惯用技术手段；而"尽管用户可以接收消息，用户并不了解呼叫者的接触信息"的特征在例如对比文件3等很多现有技术中有过记载（例如，公开日为1999年12月15日的CN1238636A、公开日为2004年2月11日的GB2391750A等），呼叫者可以隐藏自己的实际号码与别人进行通信联系，以保证隐私，这在本领域也是很惯用的。

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。

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

审查员姓名：汤展光

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Shielding communication method for telephone subscribers and its service method

Publication number:	CN1453981 (A)	**Also published as:**
Publication date:	2003-11-05	☒ CN100420256 (C)
Inventor(s):	WEI ZONGXING [CN] +	
Applicant(s):	WEI ZONGXING [CN] +	
Classification:		
- International:	*H04M3/42; H04M3/42;* (IPC1-7): H04M3/42	
- European:		
Application number:	CN20021018563 20020428	
Priority number(s):	CN20021018563 20020428	

Abstract of CN 1453981 (A)
In the method, one set of mobilephone or telephone can be used for two purposes and black-out function of communication service can be set at on or off in any time and any place according to private desire so as to distinguish public-private time and field of the person clearly so that interference from unnecessary personal relation communication can be avoided and more private matters are ensured in order to raise living quality of the phone user.

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FAX

TO:	FROM:
Commissioner for Patents, Mail Stop:	Peter P. Tong Ph: 650-903-9200, x102 Fax: 650-903-9800

COMPANY: United States Patent Office	DATE: 11/10/2010

FAX NUMBER: 571-273-8300	NO. OF PAGES (INCLUDING COVER): 36

PHONE NUMBER:	SENDER'S REFERENCE NUMBER: IPVMCP02C1

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

NOTES/COMMENTS:

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

Information Disclosure Statement	2 pages
PTO-Form 1449	1 page

Copies of Non-US References

First Office Action for CN 200680027964.9	17 pages
Second Office Action for CN 200680027964.9	14 pages
Abstract of CN 1463981	1 pages

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	

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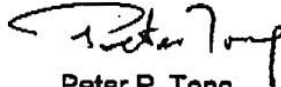
Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-3874 (Order No. IPVMCP02C1).

Respectfully submitted,

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Los Altos, CA 94022

Appln. No. 12/798,995   2   Atty. Docket No. IPVMCP02C1

PAGE 3/36 * 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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

34071 7590 04/11/2011		EXAMINER
IPVENTURE, INC. 5150 EL CAMINO REAL SUITE A-22 LOS ALTOS, CA 94022		DOAN, KIET M

ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
04/11/2011	PAPER

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

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

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

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *14 April 2010*.

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

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-17,19 and 20* is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-17,19 and 20* is/are rejected.

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

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

Application Papers

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

10) ☒ The drawing(s) filed on *14 April 2010* is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a) ☐ All   b) ☐ Some *   c) ☐ None of:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____.

        3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-SB/08) Paper No(s)/Mail Date *11/10/2010; 10/06/2010 and 04/14/2010*.

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

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____ .

U.S. Patent and Trademark Office

PTOL-326 (Rev. 08-06)   **Office Action Summary**   Part of Paper No./Mail Date 20110406

DETAILED ACTION

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

B2).

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 11/10/2010; 10/06/2010

and 04/14/2010. The submission is in compliance with the provisions of 37 CFR 1.97.

Accordingly, the information disclosure statement is being considered by the examiner.

Drawings

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

examiner.

Claim Objections

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

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

to " The computer-implement...".

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

Claim 19 should change to claim 18.

Claim 20 should change to claim 19

Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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

Claim 1 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).
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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"

2) "the person" and "the requestor" is broadly and reasonable interpreted as

"the caller" and/or "incoming calls".

Regarding **claim 1**, Pepper teaches a computer-implemented method to manage

the communication of a user in view of a person trying to electronically convey a

message to the user, the method comprising:

identifying the status of the user (Col.3, lines 48-51 teach subscriber enter list of

schedule and list of client into his/her communication device/PDA);

identifying the identity of the person (Col.3, lines 18-20, Col.5, lines 55-60, Col.6,

lines 12-25 teach received call form caller and determine the original call);

identifying the urgency of the message (Col.8,lines 60-65, Col.9 ,lines 60-65,

fig.7 and fig.11 Illustrate and teach the urgency of the messages);

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

setting a process to manage the message using one or more rules, and in view of the

status of the user, the access priority of the person and the urgency of the message

(Col.4, lines 62-67, Col.5, lines 1-18, Col.9, lines 11-30, Col.10, lines 47-67, Col.11,

lines 1-16 teach determine the priority of caller/client's call and setting or instruct the

high/most priority call route to subscriber/user and the less priority route to voice mail or

prefer number).

Regarding **claim 2**, Pepper teaches a computer-implemented method as recited

in claim 1, wherein the status of the user depends on the current activity or location of

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be 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**

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

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

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

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

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

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

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

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

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

the invention was made to modify Pepper with Tran's such that at least one attribute of

the communication processing criteria is set by the recipient through interaction with a

website in order to provide the security and privacy information for the user/wireless

device.

Conclusion

The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Brown et al. (US 2003/0112948 A1)

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to KIET DOAN whose telephone number is (571)272-7863.

The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Charles Appiah can be reached on 571-272-7904. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

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

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

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,930,700 A	07-1999	Pepper et al.	455/435.3
*	B	US-2003/0191814 A1	10-2003	Tran, Luu	709/217
*	C	US-2003/0112948 A1	06-2003	Brown et al.	379/207.04
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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

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

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

CLAIM		DATE								
Final	Original	04/06/2011								
	1	✓								
	2	✓								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
	7	✓								
	8	✓								
	9	✓								
	10	✓								
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	15	✓								
	16	✓								
	17	✓								
	18									
	19	✓								
	20	✓								

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
Search Notes ‖‖‖‖‖‖‖‖‖‖‖‖‖	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

SEARCH NOTES

Search Notes	Date	Examiner
	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 retriv$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 (retriv$3 request$3) near3 ((voice near message$1) message$1) near3 (wed website (web adj site) portal url)		KD
(yahoo google) near3 (($4phone near number) number$1)		KD
(mobile wireless) near3 receiv$4 near3 message$1 and message$4 near4 (transmit$4 delivery forward$4 send$3) near6 (website (web adj site))		KD

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner

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.	6,788,766	Sep. -04	Logan			
/K.D./	2.	7,376,434	May -08	Thomas et al.			
/K.D./	3.	7,403,972	Jul. -08	Lau et al.			
	4.						
	5.						
	6.						
	7.						
	8.						
	9.						
	10.						

Foreign Documents

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

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

	A	
	B	
	C	
	D	
	E	
	F	
	G	
	H	
	I	
	J	

Examiner	/Kiet Doan/	Date Considered	04/06/2011

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

EAST Search History

EAST Search History (Prior Art)

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

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

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

S10	1583	(mobile wireless) near3 receiv$4 near3 message $1 and message$4 near4 (transmit$4 delivery forward$4 send$3) near6 (internet website (web adj site))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 23:45
S11	133	(mobile wireless) near3 receiv$4 near3 message $1 and message$4 near4 (transmit$4 delivery forward$4 send$3) near6 (website (web adj site))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 23:45
S12	15	S11 and stor$4 with (website (web adj site)) and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/06 23:47
S13	4	S10 and (portal server) with stor$4 with (priority urgen$3) with message$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:12
S14	0	(portal server) with stor$4 with (priority urgen$3) with message$1 with (lover miss$4 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 00:24
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 with (privat$4 priority important) with ($4number information) and (mobile wireless pda) with access with (server portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:40
S22	173	S21 and internet with (wed website (web adj site) (web sje page))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:41
S23	51	S22 and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:42
S24	2475	(portal web website (web adj site) webpage) with stor$4 with (information important priority) and (mobile wireless pda $4phone portable) with access with (wed website (web adj site) portal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:52
S25	818	S24 and @ad<"20031010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:53
S26	40	S25 and (high low) near5 (priority important)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 00:54
S27	114	S25 and (wed website (web adj site) portal) with (schedul$3 calendar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/07 01:03

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

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

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

| S52 | 27 | S50 and @ad<"20031010" and message$1 near3 convey $3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2011/04/07 12:01 |

4/7/2011 4:41:24 PM

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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	2.						
	3.						
	4.						
	5.						
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	10.						

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Init.		Document No.	Date	Country	Class	Subclass	Translation Yes	No
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	C	
	D	
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	I	

Examiner	Date Considered	
/Kiet Doan/		04/06/2011

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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
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/Kiet Doan/	04/06/2011	

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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
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	Application No.:	Unassigned
Information Disclosure	Applicant	CHEUNG et al.
Statement By Applicant	Filing Date	Herewith
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12/798,995	04/14/2010 **RULE**	455	2617	IPVMCP02C1

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** CONTINUING DATA *************************

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

** FOREIGN APPLICATIONS *************************

** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY **
04/30/2010

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☑ No Verified and Acknowledged /KIET M DOAN/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY CHINA	SHEETS DRAWINGS 2	TOTAL CLAIMS 19	INDEPENDENT CLAIMS 4

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UNITED STATES

TITLE

Systems and processes to manage multiple modes of communication

FILING FEE RECEIVED 655	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

BIB (Rev. 05/07).

UNITED STATES PATENT AND TRADEMARK OFFICE

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 7590 07/21/2011			DOAN, KIET M

IPVENTURE, INC.
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ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
07/21/2011	PAPER

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

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)