28. (Original) The apparatus of claim 20, wherein the means for receiving an access code reply message comprises a non-voice network interface for receiving the access code reply message on a non-voice network.

29. (Original) The apparatus of claim 20, wherein the means for receiving the access code request message comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

30. (Original) The apparatus of claim 20, wherein the means for receiving comprises means for receiving the access code request message on a voice network.

31. (Original) The apparatus of claim 30, wherein the means for receiving the access code request message on a voice network comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

32. (Original) The apparatus of claim 20, wherein the access code includes a telephone number or an IP address.

33. (Original) The wireless apparatus of claim 20, wherein the means for establishing communications comprises a mobile telephone network interface.

34. (**Currently amended**) A system for enabling roaming by a wireless apparatus, the system comprising the wireless apparatus of claim 20 and further comprising:

a routing controller; ~~and~~

wherein ~~an~~ the access server ~~comprising~~comprises:

means for receiving from the wireless apparatus the access code request message;

means for communicating with the routing controller to obtain from the routing controller the access code wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel; and

means for transmitting the access code reply message including the access code to the wireless apparatus.

35. (Original) The system of claim 34, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message.

36. (Original) The system of claim 34, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message on a voice network.

37. (Original) The system of claim 36, wherein the means for transmitting the access code reply message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message.

38. (**Currently amended**) A wireless apparatus comprising:

a processor circuit comprising at least one processor;

a network interface in communication with the processor circuit; and

a non-transitory computer readable medium having computer executable codes stored thereon for directing the processor circuit to cooperate with the network interface to:

receive from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate;

transmit an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless apparatus;

receive an access code reply message from the access server in response to the access code request message, the access code reply message including an access code identifying a communications channel on a gateway through which communications between the wireless apparatus and the destination node can be conducted, the access code being distinct from the destination node identifier; and

establish communications between the wireless apparatus ~~device~~ and the destination node through the communications channel identified by the access code.

39. (Original) The apparatus of claim 38, wherein the network interface comprises a non-voice network interface, and wherein the codes for directing the processor circuit to cause the access code request message to be transmitted include codes for directing the processor circuit to cause the access code request message to be transmitted to the access server using the non-voice network interface on a non-voice network.

40. (Original) The apparatus of claim 38, wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted as a Short Messaging Service (SMS) message.

41. (Original) The apparatus of claim 38, wherein the network interface comprises a voice network interface and wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted on a voice network.

42. (Original) The apparatus of claim 41, wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted as a Short Messaging Service (SMS) message on the voice network.

43. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless apparatus in a wireless IP network.

44. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless apparatus.

45. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless apparatus.

46. (Original) The wireless apparatus of claim 38, wherein the network interface comprises a non-voice network interface, and wherein the codes for directing the processor circuit to receive an access code reply message include codes for directing the processor circuit to cause the access code reply message to be received from the access server using the non-voice network interface on a non-voice network.

47. (Original) The wireless apparatus of claim 38, wherein the access code includes a telephone number or an IP address.

48. (**Currently amended**) The wireless apparatus of claim 38, wherein the network interface comprises a mobile telephone network interface, and wherein the codes for directing the processor circuit to establish communications between the wireless ~~device~~ apparatus and the destination node to include codes for directing the processor circuit to cause a call to be initiated using the mobile telephone network interface on a mobile telephone network.

49. (Original) A system for enabling roaming by a wireless apparatus, the system comprising the wireless apparatus of claim 38 and further comprising:

a routing controller; and

an access server comprising a processor circuit and a computer readable medium in communication with the processor circuit, the computer readable medium encoded with codes for directing the processor circuit of the access server to:

receive the access code request message from the wireless apparatus;

communicate with the routing controller to obtain from the routing controller the access code wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel; and

transmit the access code reply message to the wireless apparatus.

50. (Original) A non-transitory computer readable medium having stored thereon computer executable codes for directing a processor circuit of a wireless device to establish communications with a destination node on a network, the codes comprising codes for directing the processor circuit to:

cause the wireless device to receive from a user of the wireless device a destination node identifier associated with the destination node;

cause the wireless device to transmit an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device;

cause the wireless device to receive an access code reply message from the access server in response to the access code request message, the access code reply message including an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, the access code being distinct from the destination node identifier; and

cause the wireless device to establish communications between the wireless device and the destination node through the communications channel identified by the access code.

51. (Original) A method for enabling a wireless device to establish communications with a destination node, the method comprising:

receiving from the wireless device an access code request message including a destination node identifier associated with the destination node and a location identifier identifying a geographical location of the wireless device;

in response to receiving the access code request message, causing a routing controller to produce an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, wherein the access code is produced based on an area code associated with the wireless device and wherein the access code is useable by the wireless device to initiate communications with the destination node through the communications channel; and

transmitting an access code reply message including the access code to the wireless device.

52. (Original) The method of claim 51, wherein receiving comprises receiving the access code request message on a non-voice network.

53. (Original) The method of claim 51, wherein receiving the access code request message comprises receiving the access code request message as a Short Messaging Service (SMS) message.

54. (Original) The method of claim 51, wherein receiving comprises receiving the access code request message on a voice network.

55. (Original) The method of claim 54, wherein receiving the access code request message on a voice network comprises receiving the access code request message as a Short Messaging Service (SMS) message.

56. (Original) The method of claim 51, wherein the routing controller is operably configured to route a call between the wireless device and the destination node when the wireless device uses the access code to establish communications between the wireless device and the destination node.

57. (Original) The method of claim 51, wherein causing the routing controller to produce the access code comprises causing the access code to be selected from a pool of access codes.

58. (Original) The method of claim 57 further comprising determining from the location identifier a local calling area associated with the wireless device and causing the access server to select an access code associated with a calling area matching the local calling area associated with the wireless device.

59. (Original) The method of claim 57, further comprising accessing a location field of a dialing profile associated with the wireless device when a local calling area cannot be

determined from the location identifier and determining a local calling area associated with the wireless device from the contents of the location field and selecting an access code associated with a calling area matching the local calling area associated with the wireless device.

60. (Original) The method of claim 51, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless IP network.

61. (Original) The method of claim 51, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless device.

62. (Original) The method of claim 51, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless device.

63. (Original) The method of claim 57, wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted.

64. (Original) The method of claim 63, further comprising enabling communications between the wireless device and the destination node to be established through an IP network in response to a call received at the IP network address from the wireless device using the access code identifying the IP network address.

65. (Original) The method of claim 57, wherein at least one of the access codes identifies a telephone number as a possible communications channel through which the communications can be conducted.

66. (Original) The method of claim 65, further comprising enabling communications between the wireless device and the destination node to be established through a public switched telephone network (PSTN) in response to a call received at the telephone number from the wireless device using the access code identifying the telephone number.

67. (Original) The method of claim 51, wherein the access code request message includes a caller identifier and wherein the method further comprises associating the caller

identifier included in the access code request message with the access code produced by the routing controller.

68. (Original) The method of claim 64, further comprising enabling the routing controller to facilitate communications in response to use of the access code by the wireless device only if the caller identifier associated with the access code used by the wireless device to establish communications with the destination node identifies the wireless device.

69. (Original) The method of claim 67, further comprising associating the destination node identifier included in the access code request message with the access code produced by the routing controller.

70. (Original) The method of claim 69, wherein the associating the caller identifier and the destination node identifier with the selected access code occurs only when:

a) the access code is not already associated with a destination node identifier; or

b) the access code is already associated with another destination node identifier, and a timeout value associated with the another destination node identifier has expired.

71. (Original) The method of claim 51, further comprising causing a timestamp to be associated with the access code, for use in determining when the usability of the access code to initiate a call to the destination node will expire, and causing the timestamp to be included in the access code reply message transmitted to the wireless device.

72. (Original) The method of claim 70, further comprising causing communications to be permitted between the wireless device and the destination node when the wireless device seeks to establish a call to the destination node using the access code transmitted in the access code reply message when the timestamp associated with the access code indicates the usability of the access code has not expired, and causing the communications to be prevented when the timestamp indicates the usability of the access code has expired.

73. (Original) The method of claim 51, wherein transmitting comprises transmitting the access code reply message on a non-voice network.

74. (Original) The method of claim 51, wherein transmitting the access code reply message comprises transmitting the access code reply message as a Short Messaging Service (SMS) message.

75. (Original) The method of claim 51, wherein transmitting comprises transmitting the access code reply message on a voice network.

76. (Original) The method of claim 75, wherein transmitting the access code reply message on a voice network comprises transmitting the access code reply message as a Short Messaging Service (SMS) message.

77. (**Currently amended**) An apparatus for enabling a wireless device to establish communications with a destination node, the apparatus comprising:

means for receiving from the wireless device an access code request message including a destination node identifier associated with the destination node and a location identifier identifying a geographical location of the wireless device;

means for causing a routing controller to produce an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, in response to receiving the access code request message, such that the access code ~~server~~ is produced ~~produces the access code~~ based on an area code associated with the wireless device and such that the access code is useable by the wireless device to initiate communications with the destination node through the communications channel; and

means for transmitting an access code reply message including the access code to the wireless device.

78. (Original) The apparatus of claim 77, wherein the means for receiving comprises a non-voice network interface for receiving the access code request message on a non-voice network.

79. (Original) The apparatus of claim 77, wherein the means for receiving the access code request message comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

80. (Original) The apparatus of claim 77, wherein the means for receiving comprises means for receiving the access code request message on a voice network.

81. (Original) The apparatus of claim 80, wherein the means for receiving the access code request message on a voice network comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

82. (Original) The apparatus of claim 77, further comprising the routing controller and wherein routing controller is operably configured to route a call between the wireless device and the destination node.

83. (Original) The apparatus of claim 82, wherein the routing controller is operably configured to select the access code from a pool of access codes.

84. (Original) The apparatus of claim 83, wherein the routing controller is operably configured to determine a local calling area associated with the wireless device from the location identifier and to select an access code associated with a calling area matching the local calling area associated with the wireless device.

85. (Original) The apparatus of claim 83, further comprising:

a dialing profile associated with the wireless device, the dialing profile including a location field; and

wherein the routing controller is operably configured to determine a local calling area associated with the wireless device from the contents of the location field and to select an access code associated with a calling area matching the local calling area

associated with the wireless device, when a local calling area associated with the wireless device cannot be determined from the location identifier.

86. (Original) The apparatus of claim 77, wherein the location identifier includes an Internet Protocol (IP) address of the wireless device in a wireless IP network.

87. (Original) The apparatus of claim 77, wherein the location identifier includes an identifier of a wireless voice signal station in wireless communication with the wireless device.

88. (Original) The apparatus of claim 77, wherein the location identifier includes a user-configured identifier of a location associated with the wireless device.

89. (Original) The apparatus of claim 83, wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted.

90. (Original) The apparatus of claim 89, wherein the routing controller is operably configured to enable communications between the wireless device and the destination node to be established through an IP network in response to a call received at the IP network address from the wireless device using the access code identifying the IP network address.

91. (Original) The apparatus of claim 83, wherein at least one of the access codes in the pool of access codes identifies a telephone number as a possible communications channel through which the communications can be conducted.

92. (Original) The apparatus of claim 91, wherein the routing controller is operably configured to enable communications between the wireless device and the destination node to be established through a public switched telephone network (PSTN) in response to a call received at the telephone number from the wireless device using the access code identifying the telephone number.

93. (Original) The apparatus of claim 83, wherein the access code request message includes a caller identifier and wherein the routing controller is operably configured to associate the caller identifier with the selected access code.

94. (Original) The apparatus of claim 93, wherein the routing controller is operably configured to facilitate communications between the wireless device and the destination node in response to use of the access code by the wireless device only if the caller identifier associated with the access code used by the wireless device to establish communications with the destination node identifies the wireless device.

95. (Original) The apparatus of claim 93, wherein the routing controller is operably configured to associate the destination node identifier included in the access code request message with the selected access code.

96. (Original) The apparatus of claim 95, wherein the routing controller is operably configured to associate the caller identifier and the destination node identifier with the selected access code only when:

a) the access code is not already associated with a destination node identifier; or

b) the access code is already associated with another destination node identifier, and a timeout value associated with the another destination node identifier has expired.

97. (Original) The apparatus of claim 82, wherein the routing controller is operably configured to associate a timestamp with the access code, for use in determining when the usability of the access code to initiate a call to the destination node will expire, and to cause the timestamp to be included in the access code reply message transmitted to the wireless device.

98. (Original) The apparatus of claim 97, wherein the routing controller is operably configured to enable communications to be established between the wireless device and the destination node when the wireless device seeks to establish a call to the destination node using the access code transmitted in the access code reply message when the timestamp associated

with the access code indicates the usability of the access code has not expired and to prevent the communications from being established when the timestamp indicates the usability of the access code has expired.

99. (Original) The apparatus of claim 77, wherein the means for transmitting comprises a non-voice network interface for transmitting the access code reply message on a non-voice network.

100. (Original) The apparatus of claim 77, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message.

101. (Original) The apparatus of claim 77, wherein the means for transmitting comprises means for transmitting the access code reply message on a voice network.

102. (Original) The apparatus of claim 77, wherein the means for transmitting for the access code reply message on a voice network comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message.

103. (**Currently amended**) An apparatus for enabling a wireless device to establish communications with a destination node, the apparatus comprising:

a processor circuit including at least one processor;

a network interface in communication with the processor circuit; and

a non-transitory computer readable medium having stored thereon computer executable codes for directing the at least one processor to:

receive from the wireless device an access code request message including a destination node identifier associated with the destination node and a location identifier identifying a geographical location of the wireless device;

cause a routing controller to produce an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, in response to receiving the access code request message, such that the access code ~~server~~ is

produced ~~produces the access code~~ based on an area code associated with the wireless device and such that the access code is useable by the wireless device to initiate communications with the destination node through the communications channel; and

transmit an access code reply message including the access code to the wireless device.

104. (Original) The apparatus of claim 103, wherein the network interface comprises a non-voice network interface, and wherein the codes for directing the processor circuit to receive include codes for directing the processor circuit to cause the access code request message to be received using the non-voice network interface on a non-voice network.

105. (Original) The apparatus of claim 103, wherein the codes includes codes for directing the processor circuit to receive the access code request message as a Short Messaging Service (SMS) message.

106. (Original) The apparatus of claim 103, wherein the codes include codes for directing the processor circuit to receive the access code request message on a voice network.

107. (Original) The apparatus of claim 106, wherein the codes include codes for directing the processor circuit to receive the access code request message as a Short Messaging Service (SMS) message.

108. (Original) The apparatus of claim 103 further comprising the routing controller.

109. (Original) The apparatus of claim 108, wherein the routing controller is operably configured to cause the access code to be selected from a pool of access codes, wherein each access code in the pool of access codes identifies a respective telephone number.

110. (Original) The apparatus of claim 109, wherein the routing controller is operably configured to determine from the location identifier a local calling area associated with

the wireless device and to select an access code associated with a calling area matching the local calling area associated with the wireless device.

111. (Original) The apparatus of claim 109, wherein the routing controller is operably configured to access a location field of a dialing profile associated with the wireless device when a local calling area cannot be determined from the contents of the location identifier and to determine a local calling area associated with the wireless device from the contents of the location field and to select an access code associated with a calling area matching the local calling area associated with the wireless device.

112. (Original) The apparatus of claim 103, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless IP network.

113. (Original) The apparatus of claim 103, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless device.

114. (Original) The apparatus of claim 103, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless device.

115. (Original) The apparatus of claim 109, wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted.

116. (Original) The apparatus of claim 115, wherein the routing controller is operably configured to enable communications between the wireless device and the destination node to be established through an IP network in response to a call received at the IP network address from the wireless device using the access code identifying the IP network address.

117. (Original) The apparatus of claim 108, wherein at least one of the access codes in the pool of access codes identifies a telephone number as a possible communications channel through which the communications can be conducted.

118. (Original) The apparatus of claim 117, wherein the routing controller is operably configured to enable communications between the wireless device and the destination node to be established through a public switched telephone network (PSTN) in response to a call received at the telephone number from the wireless device using the access code identifying the telephone number.

119. (Original) The apparatus of claim 109, wherein the access code request message includes a caller identifier and wherein the routing controller is operably configured to associate the caller identifier included in the access code request message with the selected access code.

120. (Original) The apparatus of claim 119, wherein the routing controller is operably configured to facilitate communications between the wireless device and the destination node in response to the access node used by the wireless device only if the caller identifier associated with the access code used by the wireless device to establish communications with the destination node identifies the wireless device.

121. (Original) The apparatus of claim 119, wherein the routing controller is operably configured to associate the destination node identifier included in the access code request message with the selected access code.

122. (Original) The apparatus of claim 121, wherein the routing controller is operably configured to associate the caller identifier and the destination node identifier with the selected access code only when:

a) the access code is not already associated with another destination node identifier; or

b) the access code is already associated with a destination node identifier, and a timeout value associated with the another destination node identifier has expired.

123. (Original) The apparatus of claim 122, wherein the routing controller is operably configured to associate a timestamp with the access code, for use in determining when

the usability of the access code to initiate a call to the destination node will expire, and to cause the timestamp to be included in the access code reply message.

124. (Original) The apparatus of claim 123, wherein the routing controller is operably configured to enable communications to be established between the wireless device and the destination node when the wireless device seeks to establish a call to the destination node using the access code transmitted in the access code reply message when the timestamp associated with the access code indicates the usability of the access code has not expired and to prevent the communications from being established when the timestamp indicates the usability of the access code has expired.

125. (Original) The apparatus of claim 103, wherein the network interface comprises a non-voice network interface, and wherein codes for directing the processor circuit to transmit include codes for directing the processor circuit to cause the access code reply message to be transmitted using the non-voice network interface on a non-voice network.

126. (Original) The apparatus of claim 103, wherein the codes include codes for directing the processor circuit to cause the access code reply message to be transmitted as a Short Messaging Service (SMS) message.

127. (Original) The apparatus of claim 103, wherein the codes include codes for directing the processor circuit to cause the access code reply message to be transmitted on a voice network.

128. (Original) The apparatus of claim 127, wherein the codes include codes for directing the processor circuit to cause the access code reply message to be transmitted as a Short Messaging Service (SMS) message.

129. (**Currently amended**) A non-transitory computer readable medium encoded with computer executable codes for directing a processor circuit of a wireless device to establish communications with a destination node, the codes comprising codes for directing the processor circuit to:

receive from the wireless device an access code request message including a destination node identifier associated with the destination node and a location identifier identifying a geographical location of the wireless device;

cause a routing controller to produce an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, in response to receiving the access code request message, such that the access code ~~server~~ is produced ~~produces the access code~~ based on an area code associated with the wireless device and such that the access code is useable by the wireless device to initiate communications with the destination node through the communications channel; and

transmit an access code reply message including the access code to the wireless device.

130. (**New**) A method for enabling a wireless device to establish communications with a destination node, the method comprising:

receiving a request message including a destination node identifier associated with the destination node and a location identifier associated with a geographical location of the wireless device, wherein the location identifier comprises an Internet Protocol (IP) address associated with the wireless device;

in response to receiving the request message, producing an access code identifying an IP address associated with a gateway through which communications between the wireless device and the destination node can be conducted, wherein the access code is produced based on the location identifier, wherein the access code is useable by the wireless device to initiate communications with the destination node through the gateway; and

transmitting a reply message including the access code to the wireless device.

131. (**New**) The method of claim 130, wherein the access code is produced based on the destination node identifier.

132. (**New**) The method of claim 131, wherein the destination node identifier comprises a phone number associated with the destination node.

133. (**New**) The method of claim 130, further comprising, if the destination node is a public switched telephone network (PSTN) telephone on the PSTN, establishing communications from the wireless device to a communications supplier gateway operable to connect to the PSTN telephone via the PSTN.

134. (**New**) The method of claim 51, wherein causing the routing controller to produce the access code further comprises:

determining, from the location identifier, a current location of the wireless device; and

searching an access code association database table to identify an access code associated with the current location of the wireless device, but not presently associated with communications to any destination node, to produce the access code transmitted in the access code reply message.

REMARKS

In response to the Office Action dated January 14, 2016, no claims are cancelled, Claims 20, 21, 34, 38, 48, 77, 103, and 129 have been amended with minor editorial amendments, and new Claims 130-134 have been added. Support for the new claims is found, e.g., in previous Claims 6, 14, 60, 63 and 64, paras. [0010], [0140], [0147], [0164], [0165], [0192], [0201]-[0202], [0216]-[0217], [0241], [0242] and Figures 1, 3-5, 8, 10, 12, and 13 of the published application. Accordingly, Claims 1-134 remain pending upon entry of this amendment, and favorable consideration thereof is respectfully requested. Claims 1, 20, 38, 50, 51, 77, 103, 129, and 130 are the independent claims.

Information Disclosure Statements

Applicant wishes to thank the Examiner for acknowledging the information disclosure statements submitted previously and considering the referenced listed therein.

Claim Rejections – 35 U.S.C. §112, second paragraph

"Claims 20-37, 77-102 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or joint inventor, or for pre-AIA the applicant regards as the invention". The Examiner indicates that the claim element "means for" has been interpreted as invoking 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph, but then states that the written description fails to disclose the corresponding structure, material, or acts for the claimed function.

Applicant respectfully disagrees for at least the following reasons.

First, Applicant respectfully submits that the written description of the specification already implicitly or inherently discloses the corresponding structure, material, or acts such that one of ordinary skill in the art would recognize what structure, material, or acts perform the claimed function. Indeed, at page 4 of the Office action, the Examiner acknowledged that his

own review of the specification led him to find that certain elements in Applicant's written description provide "corresponding structure" for purposes of 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph. While it is submitted that one of ordinary skill in the art may not necessarily reach an identical conclusion to the Examiner's, the Examiner's ostensible ability to identify at least some "corresponding structure" suggests that it is inappropriate under the circumstances to simply reject all of Claims 20-37 and 77-102 under 35 U.S.C. 112(b) or pre-AIA 35 U.S.C. 112, second paragraph, as the specification does in fact disclose corresponding structure, material and/or acts for the claimed functions.

Second, Applicant respectfully submits that the specification is judged through the eyes of one of ordinary skill in the art. In this case, a skilled person would have no difficulty in identifying corresponding structure, material or acts described in the specification, and equivalents thereof, for the claimed functions upon review of at least the following portions of Applicant's specification (as cited to the published application, US 2014/0024367 Al):

> "means for receiving from a user of the wireless apparatus a destination node identifier..." is supported and disclosed in the written description, for example, at paras. [0128], [0136], [0143] and cf. FIG. 2;
>
> "means for transmitting an access code request message...", "means for receiving... an access code reply message..." and "means for transmitting an access code reply message..." is supported and disclosed in the written description, for example, at paras. [0102]-[0103], [0143]-[0146], [0151]-[0154] and cf. FIGS. 4-6;
>
> "means for establishing communications..." is supported and disclosed in the written description, for example, at paras. [0168], [0195], [0203]-[0206], [0230], [0233], [0238] and [0243]; and

"means for communicating with the routing controller to obtain from the routing controller the access code..." is supported and disclosed in the written description, for example, at paras. [0152], [0157] and [0180].

In view of the foregoing, Applicant respectfully submits that one of ordinary skill in the art would recognize what structure, material, or acts are the "means" which perform the functions recited in Applicant's claims, and thus, Applicant respectfully requests that the rejections of Claims 20-37, and 77-102 under U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, be withdrawn.

Claim Rejections – 35 U.S.C. §103(a)

Claims 1-129 have been rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Albina et al. (US 20080056235 A1; hereinafter, "Albina") in view of Mia et al. (US 20080160953 A1; hereinafter, "Mia"). Applicant respectfully submits that the obviousness rejections in the Office action are improper for at least several reasons, as explained below.

The standard for obviousness has been addressed by the Supreme Court in *KSR International Co. v. Teleflex Inc.* 127 S. Ct. 1727 (2007) (hereinafter, "KSR"). In *KSR*, the Supreme Court affirmed that the factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1 (1966), form the basis of the obviousness inquiry. Accordingly, obviousness is a question of law based on underlying factual inquiries. The *Graham* factual inquiries are: (1) determining the scope and content of the prior art; (2) ascertaining the differences between the claimed invention and the prior art; (3) resolving the level of ordinary skill in the pertinent art; and (4) considering objective evidence indicating obviousness or non-obviousness.

With reference to at least the second *Graham* factual inquiry, Applicant respectfully submits that important differences exist between the claimed invention and the cited prior art, as will be explained below, and in view of these differences, it is respectfully submitted that the cited prior art references do not provide a proper basis for a rejection under 35 U.S.C. § 103(a).

The Court in *KSR* also indicated that a proper finding of obviousness requires an explicit analysis based on an "apparent reason to combine the known elements in the fashion claimed by the patent at issue", and has warned against basing such an analysis on hindsight. *KSR*, pp. 14 and 17.

However, despite the differences that exist between the claimed invention and the cited prior art, Applicant respectfully submits that the Examiner fails to provide any plausible reasons to combine or modify various prior art elements in the fashion claimed by Applicant.

Accordingly, Applicant respectfully submits that a *prima facie* case of obviousness has not been made out in the Office action, and thus requests that all claim rejections be withdrawn.

Independent Claim 1

Independent Claim 1, which has not been amended, recites:

> 1. (Original) A method of establishing communications between a wireless device and a destination node of a communications network, the method comprising:
>
> receiving from a user of the wireless device a destination node identifier associated with the destination node;
>
> transmitting an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device;
>
> receiving an access code reply message from the access server in response to the access code request message, the access code reply message including an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, the access code being distinct from the destination node identifier; and
>
> establishing communications between the wireless device and the destination node through the channel identified by the access code.
>
> [emphasis added]

Albina discloses a cellular-to-VoIP call establishment systems, methods, devices, and computer software. Mia discloses a wireless location system for identifying a geolocation of a wireless device connected to a Voice-over-Internet-Protocol (VoIP) adapter for the purpose of providing location information to an emergency dispatcher (e.g., 911 calls). However, Applicant respectfully submits that the cited portions of Albina and Mia both fail to disclose or suggest,

"*transmitting an access code request message to an access server, the access code request message including the destination node identifier and* ***a location identifier identifying a geographical location of the wireless device***," as recited in independent Claim 1.

While the Examiner has tried to find the elements of Claim 1 in Albina he has, however, stated that "Albina appears silent on '*transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device*.'" Nevertheless, the Examiner believes that this element was known in the art, and identifies Mia, which he states discloses, "*transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device*." In particular, the Examiner states that a geographical location of a caller is determined in Mia and used to access an ALI database 150, to obtain an address of the caller, which is transmitted from the ALI database 150 to a call terminal 140, where it may be dispatched to emergency service providers. Office Action, p. 9-10.

Even if one assumes (for the sake of argument) that the Examiner has correctly interpreted Albina in the Office Action, Mia fails to provide the element that the Examiner believes is missing in Albina. In particular, while Mia does disclose sending location information associated with a wireless device connected to a Voice-over-Internet-Protocol (VoIP) adapter to an Emergency Services operator (or Public Safety Answering Point), e.g., during 911 calls, Mia ultimately fails to disclose transmitting this location information in an "*access code request message*" that is sent to an "*access server*" which operates in the manner claimed by Applicant. That is, the "*access server*" responds by sending an "*access code reply message including an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, the access code being distinct from the destination node identifier*, " as recited in Applicant's independent Claim 1.

At best, *perhaps* Mia's disclosure that "location information of telephone 100 may then be routed to an Emergency Services operator (or Public Safety Answering Point)" (para. [0024]) could be

characterized as sending "*geographical location*" to the "*destination node*" which the user is trying to reach (e.g., the 911 operator). However, this is not the same as what is recited in Applicant's independent Claim 1. The "*access server*" in Claim 1 is **not** the destination node. Rather, the "*access server*" is what receives an "*access code request message including the destination node identifier **and** a location identifier identifying a geographical location of the wireless device*", and in response, the "*access server*" provides an "*access code reply message*" which provides an "*access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted*". Mia fails to disclose or suggest anything akin to these elements of Applicant's Claim 1.

Accordingly, even if the Examiner has correctly interpreted Albina and Mia (which is not necessarily conceded), the cited portions of both Albina and Mia **each** fail to disclose at least the element of "*transmitting an access code request message to an access server... including the destination node identifier **and** a location identifier identifying a geographical location of the wireless device,*" as recited in Claim 1, thus the Examiner's proposed combination of Albina and Mia also fails to provide at least this element of Applicant's independent Claim 1. Therefore, it is respectfully submitted that the Examiner's rejection of Applicant's independent Claim 1 under 35 U.S.C. §103(a) is improper. Applicant respectfully requests that this rejection be withdrawn.

Independent Claims 20, 38, 50, 51, 77, 103, 129 and 130

Applicant respectfully submits that each of the independent Claims 20, 38, 50, 51, 77, 103, 129 and 130 recites an element similar to the element discussed above in respect of independent Claim 1:

1. Independent Claim 20 recites, *inter alia*, "means for transmitting an access code request message to an access server, the access code request message including the destination node identifier ***and** a location identifier identifying a geographical location of the wireless apparatus*."

2. Independent Claim 38 recites, *inter alia*, "...transmit an access code request message to an access server, the access code request message including the destination node identifier ***and*** *a location identifier identifying a geographical location of the wireless apparatus*".

3. Independent Claim 50 recites, *inter alia*, "cause the wireless device to transmit an access code request message to an access server, the access code request message including the destination node identifier ***and*** *a location identifier identifying a geographical location of the wireless device*."

4. Independent Claim 51 recites, *inter alia*, "receiving from the wireless device an access code request message including a destination node identifier associated with the destination node ***and*** *a location identifier identifying a geographical location of the wireless device*".

5. Independent Claim 77 recites, *inter alia*, "means for receiving from the wireless device an access code request message including a destination node identifier associated with the destination node ***and*** *a location identifier identifying a geographical location of the wireless device*."

6. Independent Claims 103 and 129 recite, *inter alia*, "receive from the wireless device an access code request message including a destination node identifier associated with the destination node ***and*** *a location identifier identifying a geographical location of the wireless device*".

7. New independent Claim 130 recites, "receiving a request message including a destination node identifier associated with the destination node ***and*** *a location identifier associated with a geographical location of the wireless device*, wherein the location identifier comprises an Internet Protocol (IP) address associated with the wireless device."

Furthermore, with respect to the "access code request message" recited in each independent claim, the Examiner appears to take a similar position with respect to the other independent claims as for independent Claim 1, namely, it relies on the combination of Albina and Mia in the manner discussed above (see Office Action, pages 20, 30, 36, 39, 49, 55, 56). Therefore, for at least the reasons given above in respect of independent Claim 1, it is respectfully submitted that the Examiner's rejections of Applicant's independent Claims 20, 38, 50, 51, 77, 103, 129 under 35 U.S.C. §103(a) is improper. Applicant respectfully requests withdrawal of these rejections.

Although the above considerations should be sufficient to show that the rejection of the independent Claims 20, 38, 50, 51, 77, 103, 129 is improper, Applicant nevertheless takes this opportunity to suggest a few further reasons why the present rejections under 35 U.S.C. §103(a) based on a particular proposed combination of Albina and Mia are improper.

No Proper Reason to Combine the Teachings of Albina and Mia

As mentioned above, the Court in *KSR* has indicated that a finding of obviousness requires an explicit analysis based on an "apparent *reason* to combine the known elements in the fashion claimed by the patent at issue", and has warned against basing such an analysis on hindsight. Applicant respectfully submits that, not only do the cited portions of the Albina and Mia references fail to disclose the specific combination of elements recited in Applicant's claims, but the Examiner also fails to supply a proper reason to modify the cited art's disclosure to provide these claimed elements—and thus a proper *prima facie* case of obviousness has not been established.

The Examiner states that "it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Mia** to the system of **MARSICO** in order to provide geolocation techniques locate wireless devices (**Mia, [0007]**). The motivation would be to improve and enhance emergency service based on wireless device **(Mia, [0007]-[0008])**." This finding is repeated essentially verbatim at several locations throughout the Office Action (e.g., see pages 10, 21, 31, 37, 40, 50, and 55).

Applicant respectfully submits that this conclusion does not meet the standards in *KSR* for what is necessary in order to make a proper finding of obviousness. To begin with, the Examiner finds that the "technique of Mia" would be obvious to add to "the system of MARSICO". Applicant was unable to find any reference to "MARSICO" in the cited art, and nowhere does the Examiner explain what is meant by MARSICO and why it is relevant to the Examiner's position. Consequently, the Examiner's rejection is not understood. Furthermore, the Examiner's reason to combine is simply a brief conclusory statement, vaguely promising some kind of improvement or enhancement of emergency services, but failing to specify what those improvements would be. Such vague reasons fail to meet the requirement in *KSR* to provide an explicit analysis based on an apparent reason to combine the known elements in the fashion claimed by the patent at issue.

Second, it is stated that it would have been obvious to add the "technique of Mia" in order to "provide geolocation techniques locate wireless devices". However, Mia does not purport to have invented geolocation techniques locate wireless devices. Indeed, Mia freely admits that various wireless location systems for locating cellular telephones are known (e.g.., see the Background section, paras. [0003]-[0010]). What Mia provides is an explanation of how to apply certain geolocation techniques to a "wireless device connected to Voice-over-Internet-Protocol (VoIP) adapter" (abstract). For example, paragraph [0002] of Mia includes that "the present invention relates to methods and apparatus for locating communications devices connected to a Voice-over-Internet Protocol telephone adaptor and transmitting the location to an emergency services operator or allowed service". Paragraph [0012] of the Background section explains why VoIP adapters, specifically, pose a challenge in terms of providing location information to emergency dispatchers, and paragraph [0013] includes: "In this specification we will disclose methods and apparatuses for locating communication devices connected to a Voice-over-Internet Protocol telephone adaptor and transmitting the location to emergency services...". In contrast, Albina relates to the issue of establishing a cellular-to-VoIP calls (see title; abstract; para. [0007] of Albina). In other words, the *starting point* of calls in Albina is a ***cell phone***, not a wireless device connected to a VoIP adapter. Thus, Applicant respectfully submits that there is no apparent reason for Albina's system to be in need of the specific techniques of Mia, which relate to a different context. Indeed, as already mentioned by Applicant above, Mia admits that wireless

location systems and techniques for cellular systems are known. Presumably then, Albina's system could avail itself of known, traditional wireless location techniques for its cellular calls, without any need to resort to the specific teachings of Mia's patent. Thus, the Examiner's explanations (i.e., for why there would have been a motivation for one of ordinary skill in the art to apply Mia's techniques to Albina's system) appear to be improper.

In view of the foregoing, the Examiner has not provided a proper reason to combine the teachings of Albina and Mia, in the manner required by the Supreme Court in *KSR International Co. v. Teleflex Inc.* 127 S. Ct. 1727 (2007). Consequently, Applicant respectfully submits that the claim rejections under 35 U.S.C. §103(a) are improper also for this *additional* reason.

Discussion of Dependent Claims

The dependent claims are dependent either directly or indirectly on one of the above-discussed independent claims, argued above to be patentable over the cited art. Applicant respectfully submits that pursuant to 35 U.S.C. § 112, ¶4, the dependent claims incorporate by reference all the features of the claim to which they refer and further include their own patentable features, and thus these claims should be allowable over the cited art.

In particular, Applicant respectfully submits that Claims 2-19, 21-37, 39-49, 52-76, 78-102, 104-128 and 131-134 should be allowable over the cited references due to their respective direct or indirect dependence from one of independent Claims 1, 20, 38, 51, 77, 103, and 130, and also due to the additional subject-matter that each of these dependent claims recites.

Applicant takes this opportunity to point out some apparent problems with the Examiner's rejection of a few dependent claims based on an improper application of the cited art.

For example, with respect to **Claim 6**, the Examiner has stated that para. [0104] of Albina discloses "wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless Internet Protocol (IP) network" because Albina discloses that "requests arrive at the IP address of internetworking function (IWF) 1208". However, Applicant respectfully submits that the mere fact that requests arrive at the IP address of the internetworking function (IWF) 1208 does not necessarily entail that the requests include a location identifier comprising an Internet Protocol (IP) address of the mobile station 1202. Furthermore, while the

mobile station 1202 may identify itself as "user@domain" to server 1210, this, again, does not necessarily entail that the mobile station's message includes a location identifier comprising an Internet Protocol (IP) address of the mobile station 1202. In the absence of a clear explanation of how Albina discloses the subject matter of Applicant's Claim 6, Applicant respectfully submits that the rejection of Claim 6 should be withdrawn. By the same token, it is respectfully submitted that the rejection of **Claim 25** is improper as well.

To take another example, with respect to **Claim 63**, the Examiner has concluded that Albina discloses, "wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted," based solely on the fact that, in step "G" of Figure 11, MSC 1104 launches an IAM based on its routing tables to the VoIP network provider softswitch 1110 (see paragraph [0090]). However, this particular disclosure of Albina is not tantamount to a disclosure of Claim 63. Applicant respectfully submits that antecedent steps to step "G" in Figure 11 are as follows:

1. When the user selects a name to call, the mobile station 1102 sends information to the SIP application server 1108 (steps A and B in Figure 11; paras. [0084] and [0085]);

2. The application server 1108 responds with an E.164 format PSTN number to call, which is forwarded to the mobile station 1102 (steps C and D; [0086] and [0087]);

3. The client application on the mobile station 1102 then places a traditional PSTN call to the E.164 number (step E; para. [0088]), which goes to the MSC 1104.

4. Then, the MSC launches an IAM to the IP service provider softswitch 1110 (step G; para. [0090]), but this appears to be in response to the traditional PSTN call.

Applicant respectfully submits that, in step "C", there is no disclosure by Albina of the application server 1008 returning an IP network address for the mobile station 1102 to use in establishing the call to the VoIP subscriber 1116. Rather, Albina discloses that the application server 1008 returns an E.164 PSTN number for the mobile station 1102 to call. If the Examiner wishes to assume that the output of the application server is a disclosure of an "access code," as has been apparently assumed elsewhere in the OA by the Examiner, then Applicant submits that Albina fails to disclose, "at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted," as recited in Applicant's Claim 63, and thus the rejection of Claim 63 is improper.

Even if we assume (for the sake of argument) that the MSC uses an IP address to send the IAM to the softswitch 1110, Albina does not appear to disclose that this IP address was provided by the application server 1108 to the mobile station 1102 and was then used by the mobile station 1102 in order to initiate the "traditional" PSTN call via the MSC 1104. It is certainly possible that the MSC 1104 would know the IP address of the IP service provider softswitch 1110 by other means. For example, perhaps the IP address of the IP service provider softswitch 1110 is fixed? In the absence of any clear disclosure by Albina in this regard or an explanation by the Examiner, Applicant respectfully submits that the rejection of Claim 63 should be withdrawn.

Applicant also submits that the rejection of **Claim 64** should be withdrawn, due to the dependence of Claim 64 from Claim 63, and also due to the absence of a disclosure in Albina of an "access code identifying the IP network address," as recited in Claim 64. For reasons similar to those given above in respect of Figure 11, Applicant respectfully submits that the rejections of **Claims 89**, **90**, **115** and **116** are also improper and requests the withdrawal of these rejections.

In view of the arguments made above and also in view of 35 U.S.C. § 112, ¶4, Applicant respectfully requests the withdrawal of all claim rejections and prompt allowance of the claims.

Co-Pending Applications of Assignee

Applicant wishes to draw the Examiner's attention to the following co-pending applications assigned to Applicant's assignee.

Docket No.	Serial No.	Title	Filed
DIGIF.001C4	14/325,181	Allocating Charges For Communications Services	Jul 7, 2014
DIGIF.001C5	14/853,705	Determining a Time To Permit a Communications Session To Be Conducted	Sep 14, 2015
DIGIF.001C6	14/877,570	Producing Routing Messages for Voice Over IP Communications	Oct 7, 2015
DIGIF.002C2	14/802,929	Intercepting Voice Over IP Communications and Other Data Communications	Jul 17, 2015
DIGIF.003C1	13/968,217	Emergency Assistance Calling For Voice Over IP Communications Systems	Aug 15, 2013
DIGIF.005C2	14/802,872	Uninterrupted Transmission Of Internet Protocol Transmissions During Endpoint Changes	Jul 17, 2015

Conclusion

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant does not hereby concede that any previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Applicant has endeavored to address all of the Examiner's concerns as expressed in the outstanding Office Action. In light of the above remarks, reconsideration and withdrawal of the outstanding rejections is respectfully requested. If the Examiner has any outstanding concerns following this response, Applicant respectfully requests an Interview with the Examiner to be able to address any such outstanding concerns as expeditiously as possible.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/14/16

By: _____

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Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Noriko Cook
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	5	40	200
Independent Claims in Excess of 3	2201	1	210	210
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	700	700
Miscellaneous:				
		Total in USD ($)		**1110**

Electronic Acknowledgement Receipt

EFS ID:	26354661
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Mleanie Smuck
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	14-JUL-2016
Filing Date:	24-SEP-2013
Time Stamp:	20:30:50
Application Type:	Utility under 35 USC 111(a)

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Payment was successfully received in RAM	$1110
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Deposit Account	2564
Authorized User	Melanie Smuck
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		DIGIF_004C1_OA_Response.pdf	1679523 e133f0ec636bee0c3fdc99065dc2bb22dd5138ab	yes	37

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	24
	Applicant Arguments/Remarks Made in an Amendment	25	37

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	33729 a52a3dc8566497e9a69dd1e5350e2e5a2afbfe20	no	2

Warnings:

Information:

Total Files Size (in bytes):	1713252

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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	6,961,334 B1	11-01-2005	Kaczmarczyk, Casimer M.	
	2	7,218,722 B1	05-15-2007	Turner et al.	
	3	8,594,298 B2	11-26-2013	Klein et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	4	**DOCUMENT TITLE:** PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,542,815; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Dated May 24, 2016. 64 sheets	
	5	**DOCUMENT TITLE:** DECLARATION OF MICHAEL CALOYANNIDES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed May 23, 2016; Filed May 24, 2016. 84 sheets	
	6	**DOCUMENT TITLE:** Public Switched Telephone Networks: A Network Analysis of Emerging Networks; Daniel Livengood, Jijun Lin and Chintan Vaishnav; Engineering Systems Division; Massachusetts Institute of Technology; Submitted May 16, 2006; To Dan Whitney, Joel Moses and Chris Magee. 27 sheets	
	7	**DOCUMENT TITLE:** A Brief History of VoIP; Document One - The Past; Joe Hallock; joe@sitedifference.com; date on cover page: November 26, 2004; Evolution and Trends in Digital Media Technologies - COM 538; Masters of Communication in Digital Media; University of Washington. 17 sheets	
	8	**DOCUMENT TITLE:** PETITIONER'S VOLUNTARY INTERROGATORY RESPONSES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR20161082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed and Filed not later than May 24, 2016. 8 sheets	
	9	**DOCUMENT TITLE:** VoIP-PAL, The World is Calling!, "Over $7 Billion in Lawsuits File by Voip-Pal.com Inc. vs Apple, Verizon and AT&T for Various Patent Infringements," *Business Wire®, A Berkshire Hathaway Company*, February 11, 2016. 2 sheets	

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Examiner Signature	Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
Submission- Information Disclosure Stmt	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	26357238
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	14-JUL-2016
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Payment information:

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Payment was successfully received in RAM	$90
RAM confirmation Number	071516INTEFSW00005873111410
Deposit Account	111410
Authorized User	Norman Green

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

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_IPR_UNIFIED_v_VOIP_DIGIF_004C1_07_14_2016.pdf	135458 2237b885db178690b6001185aa360656562e7952	yes	3

Multipart Description/PDF files in .zip description

Document Description	Start	End
Transmittal Letter	1	2
Information Disclosure Statement (IDS) Form (SB08)	3	3

Warnings:					
Information:					
2	Non Patent Literature	Ref4a_PETITION_for_INTER_PARTES_REVIEW.pdf	9942402 3fb81fe32bb1552488f657ef73bba1e19cde1b75	no	20
Warnings:					
Information:					
3	Non Patent Literature	Ref4b_PETITION_for_INTER_PARTES_REVIEW.pdf	23701713 9654aedafa7c660c47d73311255cdb3649c6cc43	no	17
Warnings:					
Information:					
4	Non Patent Literature	Ref4c_PETITION_for_INTER_PARTES_REVIEW.pdf	17881436 99b15061d6d41029164f67c1d036645369ea133	no	14
Warnings:					
Information:					
5	Non Patent Literature	Ref4d_PETITION_for_INTER_PARTES_REVIEW.pdf	15976113 d45b8848da47fb8dc5c51b4066a1edecf7943b7c	no	13
Warnings:					
Information:					

6	Non Patent Literature	Ref5a_DECLARATION_of_MICHAEL_CALOYANNIDES.pdf	16240336 8f2e03880b40bab3422516761164 3fdea7994259	no	40
Warnings:					
Information:					
7	Non Patent Literature	Ref5b_DECLARATION_of_MICHAEL_CALOYANNIDES.pdf	23149042 3abff1edd39fd03918ec0f364affcaceaceb1f89	no	44
Warnings:					
Information:					
8	Non Patent Literature	Ref6_LIVENGOOD_PUBLIC_SWITCHED_TELE_NETWORKS.pdf	16511755 d0e536d0638df225ebe4ad2a74e0c709e5626267	no	27
Warnings:					
Information:					
9	Non Patent Literature	Ref7_HALLOCK_A_BRIEF_HISTORY_OF_VOIP.pdf	5487038 3707d49d063b7883d7dcb2ca4be53ed73ca1dece	no	17
Warnings:					
Information:					
10	Non Patent Literature	Ref8_PETITIONERS_VOLUNTARY_INTERROGATORY_RESPONSES.pdf	2692995 53e4d1c8efa5871386cd461ad2dcb9d4e2aeaa0d	no	8
Warnings:					
Information:					
11	Non Patent Literature	Ref9_BUSINESS_WIRE_VoIP-PAL_Over_7_Billion_.pdf	829063 12378925f80719c672d2c7335c7821962f2c8dd6	no	2
Warnings:					
Information:					
12	Fee Worksheet (SB06)	fee-info.pdf	30733 b1402f9f1031a6dabbcfbea0216db77764fabe5c	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	132578084		

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.

INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed after receipt of a First Office Action, but before the mailing date of a Final Action and before the mailing date of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 CFR 1.17(p). The

META 1002
META V. VOIP-PAL

Application No.: **14/035,806**
Filing Date: **September 24, 2013**

Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/14/16

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS
23770045
071416

META 1002
META V. VOIP-PAL

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 2	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	4,747,124	05-24-1988	Ladd, David J.	
	2	5,742,596	04-21-1998	Baratz et al.	
	3	5,991,378	11-23-1999	Apel, Ulrich	
	4	6,603,977 B1	08-05-2003	Walsh et al.	
	5	7,042,985 B1	05-09-2006	Wright, Ronald Paul	
	6	7,366,157 B1	04-29-2008	Valentine et al.	
	7	9,179,005 B2	11-03-2015	Perreault et al.	
	8	2002/0057764 A1	05-16-2002	Salvucci et al.	
	9	2005/0007999 A1	01-13-2005	Becker et al.	
	10	2006/0109960 A1	05-25-2006	D'Evelyn et al.	
	11	2006/0233317 A1	10-19-2006	Coster et al.	
	12	2007/0036139 A1	02-15-2007	Patel et al.	
	13	2009/0238168 A1	09-24-2009	Lavoie et al.	
	14	2010/0002701 A1	01-07-2010	Hsieh et al.	
	15	2015/0327320 A1	11-12-2015	Huttunen et al.	
	16	2015/0358470 A1	12-10-2015	Björsell et al.	
	17	2016/0006882 A1	01-07-2016	Björsell et al.	
	18	2016/0028619 A1	01-28-2016	Perreault et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	19	Technical Report, "3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; Study into routeing of MT-SMs via the HPLMN (Release 7)," *3GPP TR 23.840* V0.1.0 (2006-02), 13 pages.	

Examiner Signature	Date Considered
*__Examiner:__ Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T[1] - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 2 OF 2	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	20	European Examination Report dated November 26, 2015 for European Patent Application No. EP 07 816 106.4.	
	21	Canadian Office Action dated November 18, 2015 for Canadian Patent Application No. CA 2,681,984.	
	22	Canadian Office Action dated December 1, 2015 for Canadian Patent Application No. CA 2,812,174.	
	23	Canadian Office Action dated January 22, 2016 for Canadian Patent Application No. CA 2,916,220.	
	24	Canadian Office Action dated March 3, 2016 for Canadian Patent Application No. CA 2,670,510.	
	25	Canadian Office Action dated June 8, 2016 for Canadian Patent Application No. CA 2,916,217.	
	26	First Examination Report dated December 09, 2015, India Patent Application No. 1047/MUMNP/2009.	
	27	Communication for European Patent Application No. EP 07 816 106.4 - Invitation pursuant to Article 94(3) and Rule 71(1) EPC dated April 15, 2016. All pages.	

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071416

Examiner Signature	Date Considered
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T[1] - Place a check mark in this area when an English language Translation is attached.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
Submission- Information Disclosure Stmt	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	26357405
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	14-JUL-2016
Filing Date:	24-SEP-2013
Time Stamp:	22:07:17
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_DIGIF_004C1_07_14_2016.pdf	166535 19d24994b196bcf523b2fc3be020c8a4770f3a7b	yes	4

	Multipart Description/PDF files in .zip description				
	Document Description		**Start**		**End**
	Transmittal Letter		1		2
	Information Disclosure Statement (IDS) Form (SB08)		3		4
Warnings:					
Information:					
2	Non Patent Literature	Ref19_Tech_Report_2006.pdf	10535636 3c18c2c1295241b6c5f15cc6a281190b51530c6b	no	13
Warnings:					
Information:					
3	Non Patent Literature	Ref20_EP_OA_EP07816106_4_11_26_2015.pdf	444896 7ef328c780c06bf1ade390128e71dbb914154cb3	no	5
Warnings:					
Information:					
4	Non Patent Literature	Ref21_CA_OA_CA2681984_11_18_2015.pdf	378849 d65ebcf982a1a79d29c68a06078024d870229190	no	4
Warnings:					
Information:					
5	Non Patent Literature	Ref22_CA_OA_CA2812174_12_01_2015.pdf	256269 613ccb554a7dfa6eb993555ba86829e8a482295f	no	3
Warnings:					
Information:					
6	Non Patent Literature	Ref23_CA_OA_CA2916220_01_22_2016.pdf	326977 8c7092da273a804853ba581e1fc6f4fe37da0bb6	no	4
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Information:					
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Warnings:					

Information:					
8	Non Patent Literature	Ref25_CA_OA_CA2916217_06_08_2016.pdf	2910842 b8585fbabd4952a47dd620244793ddb633b611ed	no	3
Warnings:					
Information:					
9	Non Patent Literature	Ref26_Exam_Report_India.pdf	4598567 b447aa31b19d2b1bcbfa683b0b46466b8b7bbd9a	no	2
Warnings:					
Information:					
10	Non Patent Literature	Ref27_EP_INVITE_EP07816106_4.pdf	72647 9461a4d76fbd05de6d94f43d3857cc11175c7ef8	no	2
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Information:					
11	Fee Worksheet (SB06)	fee-info.pdf	30733 0e1e04bef370faa2cd5c60b235c0cdd404bf840d	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	23696248	

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
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INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

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No Disclaimers

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Timing of Disclosure

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META 1002
META V. VOIP-PAL

Application No.: **14/035,806**
Filing Date: **September 24, 2013**

Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/14/15

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS
23770763
071416

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	6,961,334 B1	11-01-2005	Kaczmarczyk, Casimer M.	
	2	7,218,722 B1	05-15-2007	Turner et al.	
	3	8,594,298 B2	11-26-2013	Klein et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	4	**DOCUMENT TITLE:** PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,542,815; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Dated May 24, 2016. 64 sheets	
	5	**DOCUMENT TITLE:** DECLARATION OF MICHAEL CALOYANNIDES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed May 23, 2016; Filed May 24, 2016. 84 sheets	
	6	**DOCUMENT TITLE:** Public Switched Telephone Networks: A Network Analysis of Emerging Networks; Daniel Livengood, Jijun Lin and Chintan Vaishnav; Engineering Systems Division; Massachusetts Institute of Technology; Submitted May 16, 2006; To Dan Whitney, Joel Moses and Chris Magee. 27 sheets	
	7	**DOCUMENT TITLE:** A Brief History of VoIP; Document One - The Past; Joe Hallock; joe@sitedifference.com; date on cover page: November 26, 2004; Evolution and Trends in Digital Media Technologies - COM 538; Masters of Communication in Digital Media; University of Washington. 17 sheets	
	8	**DOCUMENT TITLE:** PETITIONER'S VOLUNTARY INTERROGATORY RESPONSES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR20161082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed and Filed not later than May 24, 2016. 8 sheets	
	9	**DOCUMENT TITLE:** VoIP-PAL, The World is Calling!, "Over $7 Billion in Lawsuits File by Voip-Pal.com Inc. vs Apple, Verizon and AT&T for Various Patent Infringements," *Business Wire®, A Berkshire Hathaway Company*, February 11, 2016. 2 sheets	

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071416

Examiner Signature	Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
Submission- Information Disclosure Stmt	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	26357039
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	14-JUL-2016
Filing Date:	24-SEP-2013
Time Stamp:	20:15:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_IPR_UNIFIED_v_VOIP_DIGIF_004C1_07_14_2016.pdf	135458 2237b885db178690b6001185aa360656562e7952	yes	3

	Multipart Description/PDF files in .zip description			
	Document Description	**Start**	**End**	
	Transmittal Letter	1	2	
	Information Disclosure Statement (IDS) Form (SB08)	3	3	

Warnings:					
Information:					
2	Non Patent Literature	Ref4a_PETITION_for_INTER_PARTES_REVIEW.pdf	9942402 3fb81fe32bb1552488f657ef73bba1e19cde1b75	no	20
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Information:					
3	Non Patent Literature	Ref4b_PETITION_for_INTER_PARTES_REVIEW.pdf	23701713 9654aedafa7c660c47d73311255cdb3649c6cc43	no	17
Warnings:					
Information:					
4	Non Patent Literature	Ref4c_PETITION_for_INTER_PARTES_REVIEW.pdf	17881436 99b15061d6d41029064f67c1d036645369ea133	no	14
Warnings:					
Information:					
5	Non Patent Literature	Ref4d_PETITION_for_INTER_PARTES_REVIEW.pdf	15976113 d45b8848da47fb8dc5c51b4066a1edecf7943b7c	no	13
Warnings:					
Information:					
6	Non Patent Literature	Ref5a_DECLARATION_of_MICHAEL_CALOYANNIDES.pdf	16240336 8f2e03880b40bab34225167611643fdea7994259	no	40
Warnings:					
Information:					
7	Non Patent Literature	Ref5b_DECLARATION_of_MICHAEL_CALOYANNIDES.pdf	23149042 3abff1edd39fd03918ec0f364affcaceaceb1f89	no	44
Warnings:					

Information:					
8	Non Patent Literature	Ref6_LIVENGOOD_PUBLIC_SWITCHED_TELE_NETWORKS.pdf	16511755 d0e536d0638df225ebe4ad2a74e0c709e5626267	no	27
Warnings:					
Information:					
9	Non Patent Literature	Ref7_HALLOCK_A_BRIEF_HISTORY_OF_VOIP.pdf	5487038 3707d49d063b7883d7dcb2ca4be53ed73ca1dece	no	17
Warnings:					
Information:					
10	Non Patent Literature	Ref8_PETITIONERS_VOLUNTARY_INTERROGATORY_RESPONSES.pdf	2692995 53e4d1c8efa5871386cd461ad2dcb9d4e2aeaa0d	no	8
Warnings:					
Information:					
11	Non Patent Literature	Ref9_BUSINESS_WIRE_VoIP-PAL_Over_7_Billion_.pdf	829063 12378925f80719c672d2c7335c7821962f2c8dd6	no	2
Warnings:					
Information:					
12	Fee Worksheet (SB06)	fee-info.pdf	30733 0065b8d3f55ef925fdbd72cf05b33b8883503df2	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	132578084		

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INFORMATION DISCLOSURE STATEMENT

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For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed after receipt of a First Office Action, but before the mailing date of a Final Action and before the mailing date of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 CFR 1.17(p). The

META 1002
META V. VOIP-PAL

Application No.: **14/035,806**
Filing Date: **September 24, 2013**

Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/14/16

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS
23770045
071416

META 1002
META V. VOIP-PAL

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	6,961,334 B1	11-01-2005	Kaczmarczyk, Casimer M.	
	2	7,218,722 B1	05-15-2007	Turner et al.	
	3	8,594,298 B2	11-26-2013	Klein et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	4	**DOCUMENT TITLE:** PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,542,815; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Dated May 24, 2016. 64 sheets	
	5	**DOCUMENT TITLE:** DECLARATION OF MICHAEL CALOYANNIDES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed May 23, 2016; Filed May 24, 2016. 84 sheets	
	6	**DOCUMENT TITLE:** Public Switched Telephone Networks: A Network Analysis of Emerging Networks; Daniel Livengood, Jijun Lin and Chintan Vaishnav; Engineering Systems Division; Massachusetts Institute of Technology; Submitted May 16, 2006; To Dan Whitney, Joel Moses and Chris Magee. 27 sheets	
	7	**DOCUMENT TITLE:** A Brief History of VoIP; Document One - The Past; Joe Hallock; joe@sitedifference.com; date on cover page: November 26, 2004; Evolution and Trends in Digital Media Technologies - COM 538; Masters of Communication in Digital Media; University of Washington. 17 sheets	
	8	**DOCUMENT TITLE:** PETITIONER'S VOLUNTARY INTERROGATORY RESPONSES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR20161082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed and Filed not later than May 24, 2016. 8 sheets	
	9	**DOCUMENT TITLE:** VoIP-PAL, The World is Calling!, "Over $7 Billion in Lawsuits File by Voip-Pal.com Inc. vs Apple, Verizon and AT&T for Various Patent Infringements," *Business Wire®, A Berkshire Hathaway Company*, February 11, 2016. 2 sheets	

23769993
071416

Examiner Signature	Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
Submission- Information Disclosure Stmt	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	26357123
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	14-JUL-2016
Filing Date:	24-SEP-2013
Time Stamp:	20:38:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_IPR_UNIFIED_v_VOIP_DIGIF_004C1_07_14_2016.pdf	135458 2237b885db178690b6001185aa360656562e7952	yes	3

	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
	Transmittal Letter		1	2	
	Information Disclosure Statement (IDS) Form (SB08)		3	3	
Warnings:					
Information:					
2	Non Patent Literature	Ref4a_PETITION_for_INTER_PARTES_REVIEW.pdf	9942402 3fb81fe32bb1552488f657ef73bba1e19cde1b75	no	20
Warnings:					
Information:					
3	Non Patent Literature	Ref4b_PETITION_for_INTER_PARTES_REVIEW.pdf	23701713 9654aedafa7c660c47d73311255cdb3649c6cc43	no	17
Warnings:					
Information:					
4	Non Patent Literature	Ref4c_PETITION_for_INTER_PARTES_REVIEW.pdf	17881436 99b15061d6d41029064f67c1d036645369ea133	no	14
Warnings:					
Information:					
5	Non Patent Literature	Ref4d_PETITION_for_INTER_PARTES_REVIEW.pdf	15976113 d45b8848da47fb8dc5c51b4066a1edecf7943b7c	no	13
Warnings:					
Information:					
6	Non Patent Literature	Ref5a_DECLARATION_of_MICHAEL_CALOYANNIDES.pdf	16240336 8f2e03880b40bab34225167611643fdea7994259	no	40
Warnings:					
Information:					
7	Non Patent Literature	Ref5b_DECLARATION_of_MICHAEL_CALOYANNIDES.pdf	23149042 3abff1edd39fd03918ec0f364affcaceaceb1f89	no	44
Warnings:					

Information:					
8	Non Patent Literature	Ref6_LIVENGOOD_PUBLIC_SWITCHED_TELE_NETWORKS.pdf	16511755 d0e536d0638df225ebe4ad2a74e0c709e5626267	no	27
Warnings:					
Information:					
9	Non Patent Literature	Ref7_HALLOCK_A_BRIEF_HISTORY_OF_VOIP.pdf	5487038 3707d49d063b7883d7dcb2ca4be53ed73ca1dece	no	17
Warnings:					
Information:					
10	Non Patent Literature	Ref8_PETITIONERS_VOLUNTARY_INTERROGATORY_RESPONSES.pdf	2692995 53e4d1c8efa5871386cd461ad2dcb9d4e2aeaa0d	no	8
Warnings:					
Information:					
11	Non Patent Literature	Ref9_BUSINESS_WIRE_VoIP-PAL_Over_7_Billion_.pdf	829063 12378925f80719c672d2c7335c7821962f2c8dd6	no	2
Warnings:					
Information:					
12	Fee Worksheet (SB06)	fee-info.pdf	30733 82aebaf2ab4798a61715720c05d017a9a795d7f3	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	132578084		

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.

INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

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META 1002
META V. VOIP-PAL

Application No.: **14/035,806**
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Respectfully submitted,

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Dated: 7/14/16

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS
23770045
071416

META 1002
META V. VOIP-PAL

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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 14/035,806	Filing Date 09/24/2013	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	07/14/2016	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 134	Minus	** 129	= 5	X $40 =	200
	Independent (37 CFR 1.16(h))	* 9	Minus	***8	= 1	X $210 =	210
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	**410**

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

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SLIE
NICOL D. SCOTT

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.

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	7,174,156 B1	02-06-2007	Mangal, Manish	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T^1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T^1

23811310
072016

Examiner Signature	Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T^1 Place a check mark in this area when an English language Translation is attached.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
Submission- Information Disclosure Stmt	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	26409308
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	20-JUL-2016
Filing Date:	24-SEP-2013
Time Stamp:	19:02:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$90
RAM confirmation Number	072116INTEFSW00005416111410
Deposit Account	111410
Authorized User	Norman Green

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

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_DIGIF_004C1_07_20_2016.pdf	438837 0b38e7bcaa0a2651704d7bb81ab601bbec2a5e13	yes	3

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Transmittal Letter	1	2
	Information Disclosure Statement (IDS) Form (SB08)	3	3

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30733 962ef875464ebaaee3d3a1eebbc762c0e01a612f	no	2

Warnings:

Information:

Total Files Size (in bytes):	469570

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
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New International Application Filed with the USPTO as a Receiving Office
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INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
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Respectfully submitted,

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Dated: 7/10/16

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS
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072016

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
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(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
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FOREIGN PATENT DOCUMENTS						
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	1	Canadian Office Action dated August 16, 2016 for Canadian Patent Application No. 2,681,984.	
	2	European Examination Report dated August 29, 2016 for European Patent Application No. EP 07 855 436.7.	
	3	Communication under Rule 71(3) EPC - Intention to Grant - dated October 14, 2016 for European Patent Application No. EP 07 816 106.4.	

24465503
101916

Examiner Signature	Date Considered
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Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	27276480
Application Number:	14035806
International Application Number:	
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Receipt Date:	20-OCT-2016
Filing Date:	24-SEP-2013
Time Stamp:	16:06:35
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$90
RAM confirmation Number	102116INTEFSW00002714111410
Deposit Account	111410
Authorized User	Norman Green
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_DIGIF_004C1_FOREIGN_ACTIONS_10_20_2016.pdf	87645 ad6b3651b70f04f03e8b78ad3d6481435b0810e1	yes	3
	Multipart Description/PDF files in .zip description				
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	Information Disclosure Statement (IDS) Form (SB08)		3	3	
Warnings:					
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2	Non Patent Literature	Ref1_CA_OA_CA2681984_08_16_2016.pdf	178180 209717cfcacf1c00a960deaa1a04946311ed210d	no	4
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Warnings:					
Information:					
4	Non Patent Literature	Ref3A_EP_Communication_INTENTION_TO_GRANT_10-14-2016.pdf	24788101 519979a2a8517a1e6eff0d25b7fae26fe5aaff1a	no	50
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5	Non Patent Literature	Ref3B_EP_Communication_INTENTION_TO_GRANT_10-14-2016.pdf	14938788 5f97ca033a09d65422ddb0d6d1d02370b4704ec5	no	49
Warnings:					
Information:					

6	Fee Worksheet (SB06)	fee-info.pdf	30581 05a206bdf1b10a25016bf07ee9d7d243f0e5efd3	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	47019264	

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.

INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed after receipt of a First Office Action, but before the mailing date of a Final Action and before the mailing date of a Notice of

META 1002
META V. VOIP-PAL

Allowance. This Statement is accompanied by the fees set forth in 37 CFR 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/20/16

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS
24465592
101916

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	1	PATENT OWNER'S PRELIMINARY RESPONSE, *Case No. IPR2016-01082, U.S. Patent 8,542,815*, UNIFIED PATENTS INC., Petitioner, v. VOIP-PAL.COM INC., Patent Owner, Filing Date: 08/26/2016, 80 pages.	
	2	Voip-Pal.com, Inc. EXHIBIT 2001, Comparison of portions of Petition with portions of Declaration, *IPR2016-01082, Unified Patents v. Voip-Pal*, Filing Date: 08/26/2016, 9 pages.	
	3	PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW, *Case No. IPR2016-01201, U.S. Patent 8,542,815*, APPLE INC., Petitioner, v. VOIP-PAL.COM INC., Patent Owner, Filing Date: 09/19/2016, 74 pages.	
	4	Voip-Pal.com, Inc. EXHIBIT 2001, Comparison of Petition (Ground 1) with Petition (Ground 2), *IPR2016-01201, Apple v. Voip-Pal*, Filing Date: 09/19/2016, 19 pages.	
	5	PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW, *Case No. IPR2016-01198, U.S. Patent 9,179,005*, APPLE INC., Petitioner, v. VOIP-PAL.COM INC., Patent Owner, Filing Date: 09/21/2016, 74 pages.	
	6	Voip-Pal.com, Inc. EXHIBIT 2001, Comparison of Petition (Ground 1) with Petition (Ground 2), *IPR2016-01198, Apple v. Voip-Pal*, Filing Date: 09/21/2016, 21 pages.	

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101916

Examiner Signature	Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	27276757
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	20-OCT-2016
Filing Date:	24-SEP-2013
Time Stamp:	16:15:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_DIGIF_004C1_POPR_and_EXHIBITS_10_20_2016.pdf	105340 258f65c60c66ddbe3115a29a4a44e68603cea910	yes	3

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Transmittal Letter	1	2
	Information Disclosure Statement (IDS) Form (SB08)	3	3

Warnings:					
Information:					
2	Non Patent Literature	Ref1_POPR_UNIFIED_v_VOIP_US8542815.pdf	657454 1f7f90877e05dca7fd99e849810e519c7705f828	no	80
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3	Non Patent Literature	Ref2_Exhibit_2001_Comparison_of_Petit_w_Decl.pdf	187066 abfe6338618d9f2b53c27ce484781043563 34f14	no	9
Warnings:					
Information:					
4	Non Patent Literature	Ref3_POPR_APPLE_v_VOIP_US8542815.pdf	452045 9e4412f91eb88a92ec9c5a50763877da653 0a554	no	74
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Information:					
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Warnings:					
Information:					
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Warnings:					
Information:					
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Warnings:					

Information:					
8	Fee Worksheet (SB06)	fee-info.pdf	30583 d2ebe51be346c7a01508ca48259f03597e4517e2	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	2121567	

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.

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INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

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META 1002
META V. VOIP-PAL

Application No.: **14/035,806**
Filing Date: **September 24, 2013**

Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/20/16

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS
24465714
101916

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: *JP 1234567 A1*	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	1	**COMPLAINT FOR PATENT INFRINGEMENT**, UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, *CASE NO.: 2:16-cv-2338*, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff v. TWITTER, INC., a California corporation, Defendant, Filed 10/06/16, 8 pages.	
	2	**CIVIL DOCKET** FOR CASE #: 2:16-cv-02338-RFB-CWH, United States District Court, District of Nevada (Las Vegas), Voip-Pal.com, Inc. v. Twitter, Inc., Date Filed: 10-06-2016, 2 pages.	
	3	**TABLE OF EXHIBITS**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, 1 page.	
	4	**EXHIBIT A**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, U.S. Patent 8,542,815 B2, Issued September 24, 2013, to Clay Perrault et al., 60 pages.	
	5	**EXHIBIT B**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, U.S. Patent 9,179,005 B2, Issued November 3, 2015, to Clay Perrault et al., 63 pages.	
	6	**EXHIBIT C**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, Letter dated December 18, 2015 giving notice of U.S. Patents 8,542,815 B2; 9,179,005 B2; *and* related Patents listed in Attachment A, 4 pages.	
	7	**EXHIBIT D**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, ASSERTED CLAIMS AND INFRINGEMENT CONDITIONS, UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff v. TWITTER, INC., a California corporation, Defendants, 6 pages	
	8	**Chart 1 to Exhibit D**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, CHART 1, ASSERTED CLAIMS AND INFRINGEMENT CONDITIONS CONCERNING U.S. PATENT NO. 8,542,815, UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff v. TWITTER, INC., a California corporation, Defendants, 20 pages	
	9	**Chart 2 to Exhibit D**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, CHART 2, ASSERTED CLAIMS AND INFRINGEMENT CONDITIONS CONCERNING U.S. PATENT NO. 9,179,005, UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff v. TWITTER, INC., a California corporation, Defendants, 28 pages	
	10	**EXHIBIT E**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, VPLM ACTIVE U.S. PATENT MATTERS AS OF OCTOBER 1, 2016, 2 pages.	
	11	**EXHIBIT F**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, TWITTER ROYALTY MONETIZATION ANALYSIS OVERVIEW, 4 pages.	

24465533
101916

Examiner Signature	Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	27277120
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	20-OCT-2016
Filing Date:	24-SEP-2013
Time Stamp:	16:30:14
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_DIGIF_004C1_VOIP_v_TWITTER_10_20_2016.pdf	129774 08479787162a4529c9818571d331e5e97349d478	yes	3

	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
	Transmittal Letter		1	2	
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2	Non Patent Literature	Ref1_Complaint_VOIP_v_Twitter.pdf	151914 b7e28faa2b911b256d7acc20b68df5434fa1071f	no	8
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5	Non Patent Literature	Ref4A_EXHIBIT_A_US8542815_VOIP_v_Twitter.pdf	12329049 8878866f13be499cc762a83746a81208499a22b8	no	20
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Warnings:					
Information:					
		Total Files Size (in bytes):	154857524		

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No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed after receipt of a First Office Action, but before the mailing date of a Final Action and before the mailing date of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 CFR 1.17(p). The

META 1002
META V. VOIP-PAL

Application No.: **14/035,806**
Filing Date: **September 24, 2013**

Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/20/16

By: _____

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

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

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

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PTOL-90A (Rev. 04/07)

Office Action Summary	Application No. 14/035,806	Applicant(s) BJÖRSELL ET AL.	
	Examiner M MOSTAZIR RAHMAN	Art Unit 2411	AIA (First Inventor to File) Status No

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *07/14/2016*.

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

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

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

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

Disposition of Claims*

5)☒ Claim(s) *1-134* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-134* is/are rejected.

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

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

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

Application Papers

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

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

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

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

Priority under 35 U.S.C. § 119

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

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

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

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

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

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

Attachment(s)

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

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

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

4) ☐ Other: _____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

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

Information Disclosure Statement

The information disclosure statements (IDS) submitted on **03/23/2016, 07/14/2016** and **07/20/2016** have been placed in record and considered by the examiner.

Response to Arguments

Applicant's arguments, see **REMARKS,** filed **07/14/2016**, with respect to the rejection(s) of claims have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of **Albina** et al. (US **20080056235** A1) with modified mapping and in view of **Fukasaku** et al. (US **20090017842** A1).

Claim Interpretation

The following is a quotation of 35 U.S.C. 112(f):

(f) Element in Claim for a Combination. – An element in a claim for a combination may be expressed as a means or step for performing a specified function without the recital of structure, material, or acts in support thereof, and such claim shall be construed to cover the corresponding structure, material, or acts described in the specification and equivalents thereof.

The following is a quotation of pre-AIA 35 U.S.C. 112, sixth paragraph:

An element in a claim for a combination may be expressed as a means or step for performing a specified function without the recital of structure, material, or acts in support thereof, and

such claim shall be construed to cover the corresponding structure, material, or acts described in the specification and equivalents thereof.

Use of the word "means" (or "step for") in a claim with functional language creates a rebuttable presumption that the claim element is to be treated in accordance with 35 U.S.C. 112(f) (pre-AIA 35 U.S.C. 112, sixth paragraph). The presumption that 35 U.S.C. 112(f) (pre-AIA 35 U.S.C. 112, sixth paragraph) is invoked is rebutted when the function is recited with sufficient structure, material, or acts within the claim itself to entirely perform the recited function.

Absence of the word "means" (or "step for") in a claim creates a rebuttable presumption that the claim element **is not** to be treated in accordance with 35 U.S.C. 112(f) (pre-AIA 35 U.S.C. 112, sixth paragraph). The presumption that 35 U.S.C. 112(f) (pre-AIA 35 U.S.C. 112, sixth paragraph) is not invoked is rebutted when the claim element recites function but fails to recite sufficiently definite structure, material or acts to perform that function.

Claim elements in this application that use the word "means" (or "step for") are presumed to invoke 35 U.S.C. 112(f) except as otherwise indicated in an Office action. Similarly, claim elements that do not use the word "means" (or "step for") are presumed not to invoke 35 U.S.C. 112(f) except as otherwise indicated in an Office action.

Claim limitation

"Means for receiving" in claim 20, 28, 29, 30, 31, 34;

"Means for transmitting" in claim 20, 22, 23, 24,35, 36, 37;

"Means for establishing" in claim 20, 33;

"Means for communicating" in claim 34;

has/have been interpreted under 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph, because it uses/they use a generic placeholder "**means"** coupled with functional language **"for"** without reciting sufficient structure to achieve the function. Furthermore, the generic placeholder is not preceded by a structural modifier.

Since the claim limitation(s) invokes 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph, **claim(s) 20-37,77-102** has/have been interpreted to cover the corresponding structure described in the specification that achieves the claimed function, and equivalents thereof.

A review of the specification shows that the following appears to be the corresponding structure described in the specification for the 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph limitation:

"Means for receiving" ->"fig. 2: an input/output (I/O) port 56";

"Means for transmitting" ->"fig. 2: an input/output (I/O) port 56";

"Means for establishing" ->"fig. 2: telephone network interface 72, 70";

"Means for communicating" ->"fig. 2: telephone network interface 72, 70";

If applicant wishes to provide further explanation or dispute the examiner's interpretation of the corresponding structure, applicant must identify the corresponding structure with reference to the specification by page and line number, and to the drawing, if any, by reference characters in response to this Office action.

If applicant does **not** intend to have the claim limitation(s) treated under 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112 , sixth paragraph, applicant may amend the claim(s) so that it/they will clearly not invoke 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph, or present a sufficient showing that the claim recites/recite sufficient structure, material, or acts for performing the claimed function to preclude application of 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph.

For more information, see MPEP § 2173 *et seq.* and *Supplementary Examination Guidelines for Determining Compliance With 35 U.S.C. 112 and for Treatment of Related Issues in Patent Applications*, 76 FR 7162, 7167 (Feb. 9, 2011).

Claim Rejections - 35 USC § 112

The following is a quotation of 35 U.S.C. 112(b):
(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 20-37, 77-102 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

Claim element "means for" is a limitation that invokes 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph. However, the written description fails to disclose the corresponding structure, material, or acts for the claimed function.

Applicant may:

(a) Amend the claim so that the claim limitation will no longer be interpreted as a limitation under 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph; or

(b) Amend the written description of the specification such that it expressly recites what structure, material, or acts perform the claimed function, without introducing any new matter (35 U.S.C. 132(a)).

If applicant is of the opinion that the written description of the specification already implicitly or inherently discloses the corresponding structure, material, or acts so that one of ordinary skill in the art would recognize what structure, material, or acts perform the claimed function applicant should clarify the record by either:

(a) Amending the written description of the specification such that it expressly recites the corresponding structure, material, or acts for performing the claimed function and clearly links or associates the structure, material, or acts to the claimed function, without introducing any new matter (35 U.S.C. 132(a)); or

(b) Stating on the record what the corresponding structure, material, or acts, which are implicitly or inherently set forth in the written description of the specification, perform the claimed function. For more information, see 37 CFR 1.75(d) and MPEP §§ 608.01(o) and 2181.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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

Claims 1-129 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over **Albina** et al. (US **20080056235** A1; hereinafter as "**Albina**") in view of **Fukasaku** et al. (US **20090017842** A1). hereinafter as "**Fukasaku**").

Albina discloses "Cellular-to-VoIP call establishment systems, methods, devices, and computer software" **(Title; see Fig. 1-3).**

Regarding claim 1, **Albina** teaches **a** method **(aforesaid "method" details in fig. 1 where mobile communication device 102 communicate with VoIP destination device 104 using wireless network 116)** of establishing communications between a

wireless device **(aforesaid mobile device 102)** and a destination node **(aforesaid VoIP Destination Device 104)** of a communications network **(aforesaid Wireless Service Provider 116) ; mobile communication device 102 (aforesaid "wireless apparatus") communication with VoIP destination device 104 using Wireless Service Provider 116: [0027]))** the method comprising:

Receiving from a user of the wireless device a destination node identifier associated with the destination node **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702);**

receiving an access code reply message from the access server in response to the access code request message **(mobile communication device 102 receives access code reply message from server; Fig. 3 element 306: the client application receives the TDN and initiates a PSTN call to the TDN: [0038]),** the access code reply message including an access code identifying a communications channel on a gateway **(see Fig. 11: SIP Gateway 1112)** through which communications between the wireless device **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 7 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; The**

wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090]; the access code being distinct from the destination node identifier **(TDN number is different that initial contact number; the media gateway sends a request to application server 110. The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314): [0038]);** and establishing communications between the wireless device and the destination node through the channel identified by the access code **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node*", **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,*" which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile

Communication System, Telephone Calling Method and Program Software for The Same" **(Title).**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server* ***(see Fg. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Regarding claim 2, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein transmitting comprises transmitting the access code request message to the access server on a non-voice network **(sensing request using mobile data**

network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]).

Regarding claim 3, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein transmitting comprises transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 4, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein transmitting comprises transmitting the access code request message on a voice network **(fig. 2 where Mobile communication sent request using PSTN 108 network; mobile communication device 102 initiates a voice call (via PSTN 108) to the TDN which terminates at PSTN-to-VoIP gateway 112: [0033]).**

Regarding claim 5, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein transmitting the access code request message on a voice network comprises transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106,**

which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).

Regarding claim 6, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless Internet Protocol (IP) network **(The application is configured such that requests arrive at the IP address of internetworking function (IWF) 1208. The user@domain (or realm) passed by mobile station 1202 to identify itself as registered is a domain that the Registrar is authoritative for or which it can proxy:[0104]).**

Regarding claim 7, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless device **(The cellular-to-VoIP call establishment process establishes a voice session from originating cellular telephone 1002 to a SIP-based VoIP destination client 1014 using a temporary directory number (TDN: [0057]).**

Regarding claim 8, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, wherein the location identifier comprises a user- configured identifier of a

location associated with the wireless device **(GPS information using a location information notification service system 10 in Fig. 1: [0025], [0034]).**

Regarding claim 9, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein receiving the access code reply message comprises receiving the access code reply message from the access server on a non-voice network **(received over data network; mobile data network 106 in fig. 2).**

Regarding claim 10, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, wherein receiving the access code reply message comprises receiving the access code reply message as a Short Messaging Service (SMS) message **([0050]).**

Regarding claim 11, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein receiving comprises receiving the access code reply message on a voice network **(over PSTN network; fig. 2).**

Regarding claim 12, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein receiving the access code reply message on a voice network comprises receiving the access code reply message as a Short Messaging Service (SMS) message **(the location information of telephone 100 may be calculated and delivered to VoIP adaptor 105 either via wireless link 113 that may include a radio**

link such as GPRS or SMS or via a connection 137 from the GMLC/MPC server 145: [0051]).

Regarding claim 13, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein receiving the access code reply message comprises receiving, in the access code reply message, an access code temporarily associated with the destination node identifier **(see fig. 3: a temporary directory number (TDN); element 306; application server 110 receives the data message from the client application and associates the identifier with a temporary directory number (TDN): [0038]).**

Regarding claim 14, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein receiving the access code reply message comprises receiving, in the access code reply message, a telephone number or an Internet Protocol (IP) address **(see fig. 3: a temporary directory number (TDN); element 306; application server 110 receives the data message from the client application and associates the identifier with a temporary directory number (TDN): [0038]).**

Regarding claim 15, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein establishing communications between the wireless device and the destination node comprises engaging a routing controller to route the call on a public switched telephone network (PSTN) or an IP network to the destination node **(fig. 3: Media gateway element 310; At block 310, the media gateway receives or detects**

the incoming call from mobile communication device 102. At block 312, the media gateway sends a request to application server 110: [0038]).

Regarding claim 16, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, further comprising: receiving at the access server, the access code request message from the wireless device **(see fig. 1: application server 110 received request from mobile communication device 102 in fig. 1: also fig. 3 element 202, 304);**

causing the access server to communicate with a routing controller to obtain from the routing controller the access code **(see fig. 3: element 310 where application server communicate with a media gateway),** wherein the access code identifies a communications channel associated with the location identifier **(A. Mobile station 1202 registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105])** and wherein the access code is useable by the wireless device in a subsequent communication to cause the routing controller to establish a call to the destination node using the communications channel **(A. Mobile station 1202 registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105]);** and

causing the access server to transmit the access code reply message to the wireless device **(The partner network media gateway returns the ISUP Answer message**

(ANM) to the originating MSC. [0162] Y. MSC 1206 brings mobile station 1202 up on voice channel. : [0161]).

Regarding claim 17, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein transmitting the access code reply message comprises transmitting the access code reply message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 18, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein transmitting the access code reply message comprises transmitting the access code reply message on a voice network **(fig. 2 where Mobile communication sent request using PSTN 108 network; mobile communication device 102 initiates a voice call (via PSTN 108) to the TDN which terminates at PSTN-to-VoIP gateway 112: [0033]).**

Regarding claim 19, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein transmitting the access code reply message on a voice network comprises transmitting the access code request message as a Short Messaging

Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 20, **Albina** teaches **a** wireless apparatus **(aforesaid "wireless apparatus" detail in fig. 1 where mobile communication device 102 (aforesaid "wireless apparatus") communication with VoIP destination device 104 using Wireless Service Provider 116: [0027]))** comprising: means for receiving from a user of the wireless apparatus **(fig 1 element 102)** a destination node identifier associated with a destination node with which the user wishes to communicate **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702);**

and means for receiving an access code reply message from the access server in response to the access code request message **(mobile communication device 102 receives access code reply message from server; Fig. 3 element 306: the client application receives the TDN and initiates a PSTN call to the TDN: [0038]),**

the access code reply message including an access code identifying a communications channel on a gateway **(see Fig. 11: SIP Gateway 1112)** through which communications between the wireless apparatus **(Fig. 1: element 102: Mobile**

communication Device 102, Element 1102 in Fig. 11) and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 7 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; The wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090],**

the access code being distinct from the destination node identifier**(TDN number is different that initial contact number; the media gateway sends a request to application server 110. The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314): [0038])**; and

means for establishing communications between the wireless device and the destination node through the communications channel identified by the access code **(See Fig. 3: element 316: the media gateway establishes a session between**

mobile communication device 102 and VoIP destination device 104: [0038] last two lines).

Albina, when teaching "*means for receiving from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate*", **Albina** appears silent on *"means for transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,*" which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title).**

Fukasaku, in the same field of endeavor, discloses: means for *transmitting an access code request message to an access server* ***(see Fg. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA**

in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Regarding claim 21, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the transmitting means comprises a non- voice network interface for transmitting the access code request message to the access server on a non-voice network **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]).**

Regarding claim 22, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for transmitting includes means for transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 23, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for transmitting comprises means for transmitting the access code request message on a voice network (**fig. 2 where Mobile communication sent request using PSTN 108 network; mobile communication device 102 initiates a voice call (via PSTN 108) to the TDN which terminates at PSTN-to-VoIP gateway 112: [0033]).**

Regarding claim 24, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for transmitting the access code request message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 25, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless apparatus in a wireless IP network **(The application is configured such that requests arrive at the IP address of internetworking function (IWF) 1208. The user@domain (or realm) passed by mobile station 1202 to identify itself as**

registered is a domain that the Registrar is authoritative for or which it can proxy:[0104]).

Regarding claim 26, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless apparatus **(The cellular-to-VoIP call establishment process establishes a voice session from originating cellular telephone 1002 to a SIP-based VoIP destination client 1014 using a temporary directory number (TDN: [0057]).**

Regarding claim 27, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, wherein the location identifier comprises a user- configured identifier of a location associated with the wireless apparatus **(GPS information using a location information notification service system 10 in Fig. 1: [0025], [0034]).**

Regarding claim 28, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for receiving an access code reply message comprises a non-voice network interface for receiving the access code reply message on a non-voice network **(received over data network; mobile data network 106 in fig. 2).**

Regarding claim 10, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, wherein the means for receiving the access code request message comprises

means for receiving the access code request message as a Short Messaging Service (SMS) message **([0050]).**

Regarding claim 30, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for receiving comprises means for receiving the access code request message on a voice network **(over PSTN network; fig. 2).**

Regarding claim 31, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for receiving the access code request message on a voice network comprises means for receiving the access code request message as a Short Messaging Service (SMS) message **(the location information of telephone 100 may be calculated and delivered to VoIP adaptor 105 either via wireless link 113 that may include a radio link such as GPRS or SMS or via a connection 137 from the GMLC/MPC server 145: [0051]).**

Regarding claim 32, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the access code includes a telephone number or an IP address **(see fig. 3: a temporary directory number (TDN); element 306; application server 110 receives the data message from the client application and associates the identifier with a temporary directory number (TDN): [0038]).**

Regarding claim 33, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for establishing communications comprises a mobile telephone network interface **(mobile communication device 102 has a wireless interface to communicate with mobile network in fig. 1).**

Regarding claim 34, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches,

a routing controller **(gateway has a routing controller);** and

an access server comprising:

means for receiving from the wireless apparatus the access code request message **(see fig. 1: application server 110 received request from mobile communication device 102 in fig. 1: also fig. 3 element 202, 304);**

means for communicating with the routing controller to obtain from the routing controller the access code **(see fig. 3: element 310 where application server communicate with a media gateway)** wherein the access code identifies a communications channel associated with the location identifier **(A. Mobile station 1202 registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105])** and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel **(A. Mobile station 1202 registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs**

every "Expires" (see c. below) seconds: [0105]); and means for transmitting the access code reply message including the access code to the wireless apparatus **(The partner network media gateway returns the ISUP Answer message (ANM) to the originating MSC. [0162] Y. MSC 1206 brings mobile station 1202 up on voice channel. : [0161]).**

Regarding claim 35, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 36, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message on a voice network **(fig. 2 where Mobile communication sent request using PSTN 108 network; mobile communication device 102 initiates a voice call (via PSTN 108) to the TDN which terminates at PSTN-to-VoIP gateway 112: [0033]).**

Regarding claim 37, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the means for transmitting the access code reply message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 38, **Albina** teaches A wireless apparatus **(aforesaid "wireless apparatus" detail in fig. 1 where mobile communication device 102 (aforesaid "wireless apparatus") communication with VoIP destination device 104; see Fig. 6: mobile communication device 102; (aforesaid Wireless Service Provider 116; a communication system 100 for enabling a mobile communication device 102 (e.g., a cellular telephone or other wireless device) to initiate and establish communication with a VoIP destination device 104. Communication system 100 provides the communication infrastructure for implementing unique cellular-to-VoIP call establishment processes. The call establishment process is from the cellular or wireless end (mobile communication device 102) to the VoIP end (VoIP destination device 104). In other words, the cellular-to-VoIP call establishment processes enable the user of a cellular or wireless telephone (or other mobile**

communication device) to place a call to a VoIP destination device: [0027])) comprising:

a processor circuit comprising at least one processor **(see Fig. 6: processor 614);**

a network interface in communication with the processor circuit **(see Fig. 6: wireless transceiver 616 which communicate with processor 614);** and

a non-transitory computer readable medium **(see Fig. 6: memory 618)** having computer executable codes stored thereon for directing the processor circuit to cooperate with the network interface to **(memory instruct processor to communicate with wireless transceiver 616: memory 618 comprises specially-configured logic (i.e., cellular-to-VoIP call establishment module 600) and a list 620 of contacts. Module 600 comprises the logic for implementing the cellular-to-VoIP call establishment process on mobile communication device 102: [0042]):**

receive from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702);** receive an access code reply message from the access server in response to the access code request message **(mobile communication device 102 receives access code reply message from server; Fig. 3 element 306: the client application receives the TDN and initiates a PSTN call to the TDN: [0038]),**

the access code reply message including an access code identifying a communications channel on a gateway **(see Fig. 11: SIP Gateway 1112)** through which communications between the wireless apparatus **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 4 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; The wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090],**

the access code being distinct from the destination node identifier**(TDN number is different that initial contact number; the media gateway sends a request to application server 110. The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314): [0038])**; and establish communications between the wireless device and the destination node through the

communications channel identified by the access code **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node*", **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,"* which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title).**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server* ***(see Fg. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Regarding claim 39, the claim is interpreted and rejected for the same reason as set forth in **claim 2.**

Regarding claim 40, the claim is interpreted and rejected for the same reason as set forth in **claim 3.**

Regarding claim 41, the claim is interpreted and rejected for the same reason as set forth in **claim 4.**

Regarding claim 42, the claim is interpreted and rejected for the same reason as set forth in **claim 5.**

Regarding claim 43, the claim is interpreted and rejected for the same reason as set forth in **claim 6.**

Regarding claim 44, the claim is interpreted and rejected for the same reason as set forth in **claim 7.**

Regarding claim 45, the claim is interpreted and rejected for the same reason as set forth in **claim 8.**

Regarding claim 46, the claim is interpreted and rejected for the same reason as set forth in **claim 9.**

Regarding claim 47, the claim is interpreted and rejected for the same reason as set forth in **claim 6.**

Regarding claim 48, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, wherein the network interface comprises a mobile telephone network interface, and wherein the codes for directing the processor circuit to establish communications between the wireless device and the destination node to include codes for directing the processor circuit to cause a call to be initiated using the mobile telephone network interface on a mobile telephone network **(see fig. 1 TERMINAL Device A communicate with TERMINAL DEVICE D using VoIP NETWORK and wireless network).**

Regarding claim 49, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, further comprising: a routing controller **(gateway has a routing controller**; and

an access server comprising a processor circuit and a computer readable medium in communication with the processor circuit , the computer readable medium encoded with codes for directing the processor circuit of the access server to:

receive the access code request message from the wireless apparatus **(see fig. 1: application server 110 received request from mobile communication device 102 in**

fig. 1: also fig. 3 element 202, 304); communicate with the routing controller to obtain from the routing controller the access code wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel **A. Mobile station 1202 registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105]);** and transmit the access code reply message to the wireless apparatus **(The partner network media gateway returns the ISUP Answer message (ANM) to the originating MSC. [0162] Y. MSC 1206 brings mobile station 1202 up on voice channel. : [0161]).**

Regarding claim 50, **Albina** teaches a non-transitory computer readable medium having stored thereon computer executable codes for directing a processor circuit of a wireless device to establish communications with a destination node on a network **(aforesaid Wireless Service Provider 116; a communication system 100 for enabling a mobile communication device 102 (e.g., a cellular telephone or other wireless device) to initiate and establish communication with a VoIP destination device 104. Communication system 100 provides the communication infrastructure for implementing unique cellular-to-VoIP call establishment processes. The call establishment process is from the cellular or wireless end (mobile communication device 102) to the VoIP end (VoIP destination device 104).**

In other words, the cellular-to-VoIP call establishment processes enable the user of a cellular or wireless telephone (or other mobile communication device) to place a call to a VoIP destination device: [0027]), the codes comprising codes for directing the processor circuit to :

cause the wireless device to receive from a user of the wireless device a destination node identifier associated with the destination node **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702);** the access code reply message including an access code identifying a communications channel on a gateway **(see Fig. 11: SIP Gateway 1112)** through which communications between the wireless device **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 4 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; The wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a**

traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090],

the access code being distinct from the destination node identifier **(TDN number is different that initial contact number; the media gateway sends a request to application server 110. The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314): [0038]);**

and cause the wireless device to establish communications between the wireless device and the destination node through the communications channel identified by the access code **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node"*, **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,"* which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title).**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server* ***(see Fg. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Regarding claim 51, the claim is interpreted and rejected for the same reason as set forth in **claim 1.**

Regarding claim 52, the claim is interpreted and rejected for the same reason as set forth in **claim 2.**

Regarding claim 53, the claim is interpreted and rejected for the same reason as set forth in **claim 3.**

Regarding claim 54, the claim is interpreted and rejected for the same reason as set forth in **claim 4.**

Regarding claim 55, the claim is interpreted and rejected for the same reason as set forth in **claim 5.**

Regarding claim 56, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the routing controller is operably configured to route a call between the wireless device and the destination node when the wireless device uses the access code to establish communications between the wireless device and the destination node **(see fig. 2 where PSTN-TO-VoIP Gateway 112 router the call from mobile communication device 102 to VoIP destination device 104: PSTN-to-VoIP gateway 112 detects the incoming call to the TDN and, in response, sends a query to application server 110 requesting the unique identifier associated with the TDN. At reference E, application server 110 sends an invite message to VoIP destination device 104: [0033]).**

Regarding claim 57, the combination of **Albina and Fukasaku,** specifically**, FUKASAKU teaches**, wherein causing the routing controller to produce the access code comprises causing the access code to be selected from a pool of access codes

(see fig. 1 where mobile communicate device 102 make a call to mobile network 116; G. MSC 1104 launches an IAM based on its routing tables to the VoIP network provider softswitch (e.g., IP service provider softswitch 1110): [0091]).

Regarding claim 58, the combination of **Albina and Fukasaku,** specifically**, FUKASAKU** teaches, further comprising determining from the location identifier a local calling area associated with the wireless device and causing the access server to select an access code associated with a calling area matching the local calling area associated with the wireless device **(Multiple individual numbers may be used dependent on the country of operation with police, fire, ambulance, civil defense, and public utilities known as common examples of these alternate emergency services numbers: [0013]).**

Regarding claim 59, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, further comprising accessing a location field of a dialing profile associated with the wireless device when a local calling area cannot be determined from the location identifier and determining a local calling area associated with the wireless device from the contents of the location field and selecting an access code associated with a calling area matching the local calling area associated with the wireless device **(local call: [0024]).**

Regarding claim 60, the claim is interpreted and rejected for the same reason as set forth in **claim 6.**

Regarding claim 61, the claim is interpreted and rejected for the same reason as set forth in **claim 7.**

Regarding claim 62, the claim is interpreted and rejected for the same reason as set forth in **claim 8.**

Regarding claim 63, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted **(see fig. 1 where mobile communicate device 102 make a call to mobile network 116; G. MSC 1104 launches an IAM based on its routing tables to the VoIP network provider softswitch (e.g., IP service provider softswitch 1110): [0091])**.

Regarding claim 64, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, further comprising enabling communications between the wireless device and the destination node to be established through an IP network in response to a call received at the IP network address from the wireless device using the access code identifying the IP network address **(Mobile Data network 116).**

Regarding claim 65, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein at least one of the access codes identifies a telephone number as a possible communications channel through which the communications can be conducted **(telephone number; abstract).**

Regarding claim 66, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, further comprising enabling communications between the wireless device and the destination node to be established through a public switched telephone network (PSTN) in response to a call received at the telephone number from the wireless device using the access code identifying the telephone number **(see Fig. 2: PSTN network 108).**

Regarding claim 67, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the access code request message includes a caller identifier and wherein the method further comprises associating the caller identifier included in the access code request message with the access code produced by the routing controller **(identifying a temporary directory number (TDN): [abstract]).**

Regarding claim 68, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, further comprising enabling the routing controller to facilitate communications in response to use of the access code by the wireless device only if the caller identifier

associated with the access code used by the wireless device to establish communications with the destination node identifies the wireless device **(see fig. 4: SEND TDN to the Mobile phone: application server 110 sends the TDN to mobile communication device 102: [0039]).**

Regarding claim 69, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, further comprising associating the destination node identifier included in the access code request message with the access code produced by the routing controller **(see fig. 7: element 708: module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]).**

Regarding claim 70, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, wherein the associating the caller identifier and the destination node identifier with the selected access code occurs only when: a) the access code is not already associated with a destination node identifier; or b) the access code is already associated with another destination node identifier, and a timeout value associated with the another destination node identifier has expired **(A business-rule-defined timer may be set and the client application (on originating cellular phone 1002) configured to await a call to the TDN. : [0060]).**

Regarding claim 71, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, further comprising causing a timestamp to be associated with the access code, for use in determining when the usability of the access code to initiate a call to the destination node will expire, and causing the timestamp to be included in the access code reply message transmitted to the wireless device **(A business-rule-defined timer may be set and the client application (on originating cellular phone 1002) configured to await a call to the TDN. : [0060]).**

Regarding claim 72, the combination of **Albina and Fukasaku,** specifically**, Albina** teaches, further comprising causing communications to be permitted between the wireless device and the destination node when the wireless device seeks to establish a call to the destination node using the access code transmitted in the access code reply message when the timestamp associated with the access code indicates the usability of the access code has not expired, and causing the communications to be prevented when the timestamp indicates the usability of the access code has expired **(A business-rule-defined timer may be set and the client application (on originating cellular phone 1002) configured to await a call to the TDN. : [0060]).**

Regarding claim 73, the claim is interpreted and rejected for the same reason as set forth in **claim 2.**

Regarding claim 74, the claim is interpreted and rejected for the same reason as set forth in **claim 3.**

Regarding claim 75, the claim is interpreted and rejected for the same reason as set forth in **claim 4.**

Regarding claim 76, the claim is interpreted and rejected for the same reason as set forth in **claim 5.**

Regarding claim 77, the claim is interpreted and rejected for the same reason as set forth in **claim 1.**

Regarding claim 74-81, the claim is interpreted and rejected for the same reason as set forth in **claim 2-5** respectively

Regarding claim 82, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, further comprising the routing controller and wherein routing controller is operably configured to route a call between the wireless device and the destination node **(.See Fig. 1: call routing through VoIP network)**

Regarding claim 83, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, wherein the routing controller is operably configured to select the access code from a pool of access codes **(see fig. 1 where mobile communicate device 102 make**

a call to mobile network 116; G. MSC 1104 launches an IAM based on its routing tables to the VoIP network provider softswitch (e.g., IP service provider softswitch 1110): [0091]).

Regarding claim 84, the claim is interpreted and rejected for the same reason as set forth in **claim 59.**

Regarding claim 85, the combination of **Albina and Fukasaku,** specifically**, Fukasaku** teaches, a dialing profile associated with the wireless device, the dialing profile including a location field (**BTS 115 may include a location component 120 implemented thereon. Location component 120 may include network based location technologies that may provide the location of a wireless transceiver 320 implemented in VoIP adapter 105: [0028]);** and wherein the routing controller is operably configured to determine a local calling area associated with the wireless device from the contents of the location field and to select an access code associated with a calling area matching the local calling area associated with the wireless device, when a local calling area associated with the wireless device cannot be determined from the location identifier **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 86-88, the claim is interpreted and rejected for the same reason as set forth in **claim 25-27.**

Regarding claim 89-102, the claim is interpreted and rejected for the same reason as set forth in **claim 63-76.**

Regarding claim 103, **Albina** teaches an apparatus **(see Fig.1: Application Server 110)** for enabling a wireless device **(aforesaid mobile device 102)** to establish communications with a destination node **(aforesaid VoIP Destination Device 104) (aforesaid Wireless Service Provider 116; a communication system 100 for enabling a mobile communication device 102 (e.g., a cellular telephone or other wireless device) to initiate and establish communication with a VoIP destination device 104. Communication system 100 provides the communication infrastructure for implementing unique cellular-to-VoIP call establishment processes. The call establishment process is from the cellular or wireless end (mobile communication device 102) to the VoIP end (VoIP destination device 104). In other words, the cellular-to-VoIP call establishment processes enable the user of a cellular or wireless telephone (or other mobile communication device) to place a call to a VoIP destination device: [0027])**, the apparatus comprising:
a processor circuit including at least one processor **(Application server must have a processor);** a network interface in communication with the processor circuit **(must**

have network interface, See ARROW in both direction in Fig. 1 and Fig. 2); and a non-transitory computer readable medium having stored thereon computer executable codes for directing the at least one processor to:

receive from the wireless device **(mobile communication device 102)** an access code request message including a destination node identifier associated with the destination node **(see fig. element 304: At block 304, the client application (aforesaid "mobile communication device 102") determines that the "name" represents a VoIP subscriber, and then sends a data message to application server 110. The data message identifies the VoIP destination with whom the user wants to establish a session: [0037])**;

cause a routing controller **(see Fig. 11: SIP Gateway 1112)** to produce an access code identifying a communications channel on a gateway through which communications between the wireless device **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 4 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; The wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication**

Device 102) retrieves the VoIP network provider E.164 number and places a traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090],

in response to receiving the access code request message, such that the access code server produces the access code based on an area code associated with the wireless device and such that the access code is useable by the wireless device to initiate communications with the destination node through the communications channel **(see fig. 3 element 310, 312, 314: The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314).: [0038]);** and transmit an access code reply message including the access code to the wireless device **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node"*, **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,"* which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile

Communication System, Telephone Calling Method and Program Software for The Same" **(Title).**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server* ***(see Fg. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Regarding claim 130, **Albina** teaches **a** method **(aforesaid "method" details in fig. 1 where mobile communication device 102 communicate with VoIP destination device 104 using wireless network 116)** for enabling a wireless device **(aforesaid**

mobile device 102) to establish communications with a destination node **(aforesaid VoIP Destination Device 104)**, the method comprising:

receiving a request message including a destination node identifier associated with the destination node and a location identifier associated with a geographical location of the wireless device **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702)**,

transmitting a reply message including the access code to the wireless device **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node"*, **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,"* which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title).**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server* ***(see Fg. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Regarding claim 131, the claim is interpreted and rejected for the same reason as set forth in **claim 121.**

Regarding claim 132, the claim is interpreted and rejected for the same reason as set forth in **claim 14.**

Regarding claim 133, the claim is interpreted and rejected for the same reason as set forth in **claim 15.**

Regarding claim 134, the combination of **Albina and Fukasaku ,** specifically**, FUKASAKU** teaches, wherein causing the routing controller to produce the access code further comprises: determining, from the location identifier, a current location of the wireless device; and searching an access code association database table to identify an access code associated with the current location of the wireless device, but not presently associated with communications to any destination node, to produce the access code transmitted in the access code reply message (**VoIP adapter 105 may be automatically located and the location conveyed to the Emergency Services operator: [0024); The location information received at the MPC/GMLC server 145 via data network 135 may be transferred to ALI database 150. ALI database 150 may map the location information received from MPC/GMLC server 145 to an address indexed therein. The address may then be transmitted from ALI database 150 to call terminal 140 where it may be dispatched to the appropriate emergency service providers: [0041]).**

Regarding claim 104-116, the claim is interpreted and rejected for the same reason as set forth in **claim 2-10.**

Regarding claim 117-124, the claim is interpreted and rejected for the same reason as set forth in **claim 65-72.**

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Regarding claim 125-128, the claim is interpreted and rejected for the same reason as set forth in **claim 2-5.**

Regarding claim 129, the claim is interpreted and rejected for the same reason as set forth in **claim 103.**

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to M MOSTAZIR RAHMAN whose telephone number is (571)272-4785. The examiner can normally be reached on 8:00 to 16:30 PST.
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Lai can be reached on 571-272-9741. 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.

/M MOSTAZIR RAHMAN/
Examiner, Art Unit 2411

/Andrew Lai/
Supervisory Patent Examiner, Art Unit 2411

Notice of References Cited	Application/Control No. 14/035,806	Applicant(s)/Patent Under Reexamination BJÖRSELL ET AL.	
	Examiner M MOSTAZIR RAHMAN	Art Unit 2411	Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2009/0017842 A1	01-2009	Fukasaku; Masaki	H04M3/42042	455/457
	B	US-				
	C	US-				
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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	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.

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
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	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 3	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
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	4	Letter dated DECEMBER 1, 2015, from VoIP-Pal.com Inc. giving notice and inviting the company listed herein below to contact VoIP-Pal.com about U.S. Patents 9,179,005 and 8,542,815 and related patents listed in the accompanying Attachment A. Sent to the following company: **Verizon Communications *in the* U.S.**	

Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

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Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

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	1	7,486,684 B2	02-03-2009	Chu et al.	
	2	8,036,366 B2	10-11-2011	Chu, Lon-Chan	
	3	2007/0064919 A1	03-22-2007	Chen et al.	

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	4	**DOCUMENT TITLE:** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; Case No. TBD, U.S. Patent No. 9,179,005; **PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 9,179,005**; Dated June 15, 2016. 70 sheets	
	5	**DOCUMENT TITLE:** IN THE UNITED STATES PATENT AND TRADEMARK OFFICE; PETITION FOR *INTER PARTES* REVIEW PURSUANT TO 37 C.F.R. §42.100 ET SEQ.; In re U.S. Patent No. 9,179,005; Currently in Litigation Styled: VoIP-Pal.com, Inc. v. Apple Inc., Case No: 2:16-cv-00260-RFB-VCF; Issued: November 3, 2015; Application Filed: August 13, 2013; Applicant: Clay Perreault, et al.; Title: Producing Routing Messages for Voice Over IP Communications; **DECLARATION OF HENRY H. HOUH, PhD**; Signed June 14, 2016. 143 sheets	
	6	**DOCUMENT TITLE:** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; Case No. TBD, U.S. Patent No. 8,542,815; **PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,542,815**; Dated June 15, 2016. 67 sheets	
	7	**DOCUMENT TITLE:** IN THE UNITED STATES PATENT AND TRADEMARK OFFICE; PETITION FOR *INTER PARTES* REVIEW PURSUANT TO 37 C.F.R. §42.100 ET SEQ.; In re U.S. Patent No. 8,542,815; Currently in Litigation Styled: VoIP-Pal.com, Inc. v. Apple Inc., Case No: 2:16-cv-00260-RFB-VCF; Issued: September 24, 2013; Application Filed: November 1, 2007; Applicant: Clay Perreault, et al.; Title: Producing Routing Messages for Voice Over IP Communications; **DECLARATION OF HENRY H. HOUH, PhD**; Signed June 14, 2016. 143 sheets	

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Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MR/

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	6,961,334 B1	11-01-2005	Kaczmarczyk, Casimer M.	
	2	7,218,722 B1	05-15-2007	Turner et al.	
	3	8,594,298 B2	11-26-2013	Klein et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	4	**DOCUMENT TITLE:** PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,542,815; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Dated May 24, 2016. 64 sheets	
	5	**DOCUMENT TITLE:** DECLARATION OF MICHAEL CALOYANNIDES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed May 23, 2016; Filed May 24, 2016. 84 sheets	
	6	**DOCUMENT TITLE:** Public Switched Telephone Networks: A Network Analysis of Emerging Networks; Daniel Livengood, Jijun Lin and Chintan Vaishnav; Engineering Systems Division; Massachusetts Institute of Technology; Submitted May 16, 2006; To Dan Whitney, Joel Moses and Chris Magee. 27 sheets	
	7	**DOCUMENT TITLE:** A Brief History of VoIP; Document One - The Past; Joe Hallock; joe@sitedifference.com; date on cover page: November 26, 2004; Evolution and Trends in Digital Media Technologies - COM 538; Masters of Communication in Digital Media; University of Washington. 17 sheets	
	8	**DOCUMENT TITLE:** PETITIONER'S VOLUNTARY INTERROGATORY RESPONSES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR20161082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed and Filed not later than May 24, 2016. 8 sheets	
	9	**DOCUMENT TITLE:** VoIP-PAL, The World is Calling!, "Over $7 Billion in Lawsuits File by Voip-Pal.com Inc. vs Apple, Verizon and AT&T for Various Patent Infringements," *Business Wire®, A Berkshire Hathaway Company*, February 11, 2016. 2 sheets	

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Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MR/

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5569	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2016/10/17 13:25
L2	8486	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
L3	8300	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
L4	46	(L1 L2 L3) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
L5	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
L6	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
L7	22	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
L8	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
L9	10	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
L10	29	L5 L6 L7 L8 L9	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
L11	1	L10 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
L12	313876	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
L13	28	L12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
L14	268664	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
L15	1	L14 and ((access adj code) same	US-PGPUB;	OR	ON	2016/10/17

		(channel adj (identifier ID identification) same request))	USPAT			13:26
L16	506306	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
L17	12	L16 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S1	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 16:48
S2	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 18:09
S3	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S4	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S5	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S6	4	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S7	3	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S8	2	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:17
S10	5	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S11	5	S6 or S7 or S8 or S10	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21

S12	288340	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:29
S13	1195	((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S14	701	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S15	40	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:34
S16	23	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:36
S18	2	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:49
S19	4	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:49
S20	245256	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:52
S21	1	S20 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:53
S22	366030	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:54
S24	354	S22 and ((access adj code) same (channel ID identification) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:55
S25	8	S22 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:56
S26	10	S22 and ((access adj2 code) same caller same callee)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:59
S27	58	S22 and ((phone caller callee 'calling party') same server same router same (initiat$4 or setup or sett$4)same channel)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:05
S28	10	S22 and ((phone caller callee "calling party" "called party" "called terminal" "calling party") same server same rout$5 same (call near5 (initiat$4 or setup)) same channel same request same (ID identif$7))	US-PGPUB; USPAT	OR	ON	2013/03/13 17:19
S29	257	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:27
S30	72	S22 and (caller callee "calling party"	US-PGPUB;	OR	ON	2013/03/13

		"called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) same access$5	USPAT			17:28
S31	11	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$).did. or (US-7068684-$ or US-6963635-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S32	9	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S33	3	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and processor and interface and identification)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:16
S34	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:18
S35	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:21
S36	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:22
S37	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5 and (access adj code))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:54
S39	3	"7079526".pn. us-20030114145-$.did. "6016319".pn.	US-PGPUB; USPAT	OR	ON	2013/03/14 11:27
S40	409041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:17
S43	21100	S40 and (initiat$4 adj3 call)	US-PGPUB;	OR	ON	2013/03/15

			USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			11:21
S44	128	S40 and ((initiat$4 adj2 call) same (access adj2 code))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:22
S45	101	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S46	38	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((voice data) adj2 network))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S47	33	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:25
S48	11	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:26
S49	35	("2006/0189337").URPN.	USPAT	OR	ON	2013/03/15 11:34
S50	5	S46 not S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:46
S51	63	S45 not S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:47
S52	409041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52
S53	0	S52 and ((initiat$4 adj2 call) same (access adj2 code) same (data adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/15 11:52

			IBM_TDB			
S54	213	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:53
S55	159	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:54
S56	22	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:54
S57	20	S52 and ((initiat$4 with call) same (access adj5 code) and (data adj5 network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:55
S58	17	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:01
S62	17	S58 and (server)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:02
S63	11	S58 and (server and client)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:03
S64	181	S52 and (channel same (ID indentifier indentification) same request same server same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:32
S65	27	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:33
S67	154	S64 not S65	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/15 12:34

			IBM_TDB			
S68	32	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S69	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) and (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:35
S72	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:36
S73	5	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:46
S74	12	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND ((wireless mobile) with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:48
S76	7	S74 not S73	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:49
S77	432569	("370".clas. "709".clas. "455".clas. "725".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:10
S79	2	S77 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj5 IP))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:11
S82	0	S79 and (POOL)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:32
S83	0	S79 and (indenfi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/15 15:33

			IBM_TDB			
S84	2	S79 and (identifi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S85	2	S79 and (identifi$5 and access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S86	0	S79 and (identifi$5 with access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S87	2	S79 and (identifi$5 and access and number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S88	2	S79 and (identifi$5 and access and number and associat$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S89	2	S79 and (identifi$5 and access and number and associat$5 and select$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S90	900	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S91	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) same (wireless IP)\	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S92	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S93	820	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/15 15:58

			IBM_TDB			
S94	181	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S95	8	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless with IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:59
S98	20	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:13
S99	11	S98 and (local with number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:17
S100	9	S98 and (local near7 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S101	7	S98 and (local near4 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S102	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/15 16:49
S103	3	S102 AND (ip adj2 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:49
S104	0	S102 AND (ip adj2 address with mobile)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S105	2	S102 AND (ip adj2 address with (receiv$5 reception))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S106	3	S102 AND (ip adj2 address with server)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 16:52

			DERWENT; IBM_TDB			
S107	0	S102 AND (ip adj2 address with server with receiv$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S108	1	S102 AND (ip adj2 address with receiv$3 same server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S109	0	S102 AND ((ip adj address) with caller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S110	2	S102 AND ((ip adj address) with call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S111	1	"12116756"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 14:43
S112	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/16 15:36
S115	1	S112 AND (identif$5 same wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 15:37
S116	3	S112 AND (identif$5 and (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S117	1	S112 AND (identif$5 with (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S118	2	S112 AND (identif$5 same (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S119	3	S112 AND (identi$6 and (mobile	US-PGPUB;	OR	ON	2013/03/16

		wireless) and config$5)	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:11
S122	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S123	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S124	2	S112 AND (identi$6 same (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S126	1	S112 AND (identi$6 same (mobile wireless) and (config$5 same location) and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:13
S127	1	S112 AND (identi$6 same (mobile wireless) same location and (config$5 same user))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:17
S128	2	S112 AND (location same identi$6 same user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:50
S129	3	S112 AND (local same number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:08
S130	2	S112 AND (local near5 number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:12
S131	3	S112 AND (IP adj2 network same rout$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:19
S136	3	S112 AND (call same channel)	US-PGPUB;	OR	ON	2013/03/16

			USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			17:39
S137	1	S112 AND (call same channel same establ$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S141	1	S112 AND (establ$5 same call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:41
S142	2	S112 AND (call$5 same identif$6 same access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S143	1	S112 AND (call$5 same identif$6 same access same code)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S144	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/18 19:29
S145	3	S144 and (telephone same number)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:30
S146	2	S144 and ((number or code) with match$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:31
S147	3	S144 and ((number or code or ID or identifier) with called)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:37
S148	2	S144 and ((number or code or ID or identifier) with channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:45
S149	1	S144 and ((number or code) same (ID or identifier) same channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:46
S150	2	S144 and ((number or code or ID or identifier) same channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:49
S151	2	S144 and (channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:51
S152	3	S144 and (TTL expir$5 timestap)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S153	3	S144 and (TTL expir$5 timestamp)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S154	2	S144 and (data non$1voice) with (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:09
S155	2	S144 and (data non$1voice) same (code numer ID identifier) same (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:10
S156	3	S144 and (data non$1voice) same (code numer ID identifier)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:12

S157	3	S144 and (data non$1voice) same (code numer ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S158	3	S144 and (data non$1voice) same (code number ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S159	3	S144 and (data non$1voice) same (code number ID identifier) same (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:17
S160	1	S144 and code with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:19
S161	3	S144 and (number ID identifier) with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:21
S162	2	S144 and (access adj code)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S163	0	S144 and (access adj code) same (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S164	1	S144 and (access adj code) same2 (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:24
S165	1	S144 and code same query	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S166	0	"L29" and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S167	366130	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S168	6	S167 and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S169	1	S167 and (access adj code) with expir$5 with (establish$4 ssetup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S170	3	S167 and (access adj code) with expir$5 with (establish$4 setup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S171	8	S167 and (access adj code) with expir$5 with call$3	US-PGPUB; USPAT	OR	ON	2013/03/18 20:43
S172	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/22 14:46
S173	3	S172 and (dial$3 with number)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:52
S174	2	S172 and (called with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:58
S175	1	S172 and (calling with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:00
S176	1	S172 and (calling with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:01
S178	2	S172 and (request with access)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:03
S179	4	S172 and (access near code)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:04
S180	1	S172 and (access with soft)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:06
S181	1	S172 and (access same soft same	US-PGPUB;	OR	ON	2013/03/22

		(caller calling))	USPAT			16:08
S182	1	S172 and (access same request$3 same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:09
S185	1	S172 and (reply with request$3)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:15
S186	5	S172 and (reply response)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:16
S187	4	S172 and ((reply response) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:19
S188	4	S172 and ((calling caller) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:21
S189	3	S172 and ((calling caller) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:23
S190	1	S172 and ((calling caller) same called same (initial$5 code access))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:24
S191	4	S172 and ((reply response) with (code id identif$8) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:38
S193	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/23 12:05
S194	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:06
S195	0	S193 and (ip adj2 address with mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S196	1	S193 and (ip adj2 address same mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S197	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:08
S198	3	S193 and (ip adj1 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:17
S199	1	S193 and (mobile same routed)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:17
S200	2	S193 and (mobile same rout$4)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:18
S201	2	US-20070112964-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:44
S202	2	"5519769".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:55
S203	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S204	1	"14035806"	US-PGPUB; USPAT; FPRS;	OR	ON	2015/11/09 13:30

			EPO; JPO; DERWENT; IBM_TDB			
S205	68	("20020116464" | "20040255126" | "20060072547" | "20060093135" | "20060153342" | "20080056302" | "20120099599" | "20120227101" | "5469497" | "5608786" | "5712907" | "5838682" | "5905736" | "5930343" | "5991291" | "6005926" | "20120170574" | "20040203582" | "20050287979" | "20070047548" | "20080167019" | "20080167020" | "20080187122" | "20100177671" | "20110201321" | "6993015" | "7400881" | "7573982" | "7738384" | "8041022" | "8189568" | "8437340" | "8462915" | "8605714" | "8750290" | "7587036" | "20140349602" | "8111690" | "8713098" | "20090213839" | "20100083364" | "20100115018" | "20110208859" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20130329722" | "20140016764" | "8078164" | "8396445" | "8634838" | "8903051" | "8909556" | "8938534" | "20050222952" | "6636833" | "7447707" | "7676431" | "7765261" | "8161078" | "8627211" | "20020122391" | "20060160565" | "20060177035" | "20060209768" | "20080037715" | "5146491").pn.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:04
S206	7	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S208	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S209	19	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:09
S210	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:09
S211	9	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S212	25	S206 S208 S209 S210 S211	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S213	267985	(370/310-338,395.$.ccls. "709".cias. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S214	9728	S213 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S215	1	S212 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S216	3	S212 and ((location$4 GPS) AND (ID identificat$4 key flag$4 number digit)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:13
S217	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/11/09 14:14

			IBM_TDB			
S218	22	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 15:24
S219	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S220	22	(US-20070281705-$ or US-20090252159-$ or US-20130028251-$ or US-20040042607-$ or US-20080049732-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S221	21	S220 and (locat$4 GPS)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:15
S222	17	S220 and (locat$4 GPS) AND (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S223	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16

S224	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) AND (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S225	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S226	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) AND (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S227	9	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) SAME (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S228	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:28
S230	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 16:29
S231	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:31
S233	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:32
S235	27	S230 AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:33
S236	56	(S230 S231 S233) AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:19
S237	48	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) WITH VOIP	US-PGPUB; USPAT;	OR	OFF	2015/11/09 17:20

		same call$3)	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S238	63	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S239	2	(US-20040022237-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/09 17:34
S240	28	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3 AND (SMS short adj2 messag$4 adj2 serv$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:35
S241	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 19:23
S242	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S243	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S244	976	(S241 S242 S243) AND (SMS short adj2 messag$4 adj2 servic$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S245	397	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:24
S246	259	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:25
S247	29	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:26
S248	1	"14035806"	US-PGPUB; USPAT;	OR	OFF	2015/11/09 19:35

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S249	1	S248 and (receiv$$ SAME user SAME identifier SAME destination)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S250	1	S248 and (receiv$$ SAME user SAME identifier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S251	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:07
S252	252985	((H04L29/06027 OR H04L29/06 OR H04L29/1216 OR H04L61/157 OR H04L65/1069 OR H04L12/4608 OR H04L12/66 OR H04L29/12122 OR H04L61/1547 OR H04L65/1026 OR H04L65/103 OR H04L65/1036 OR H04L65/104 OR H04L67/14 OR H04L69/329 OR H04L12/1813 OR H04L12/5695 OR H04L12/6418 OR H04L2012/5626 OR H04L2012/563 OR H04L2012/5645 OR H04L2012/5667 OR H04L2012/5668 OR H04L2012/6472 OR H04L29/12094 OR H04L29/12584 OR H04L29/12896 OR H04L29/12933 OR H04L47/724 OR H04L47/803 OR H04L47/805 OR H04L61/1529 OR H04L61/2015 OR H04L61/2596 OR H04L61/605 OR H04L61/6068 OR H04L63/061 OR H04L63/0823 OR H04L63/126 OR H04L63/164 OR H04L65/1003 OR H04L65/1006 OR H04L65/1009 OR H04L65/1013 OR H04L65/1043 OR H04L65/1046 OR H04L65/1083 OR H04L65/1096 OR H04L65/4007 OR H04L65/403 OR H04L65/604 OR H04L65/605 OR H04L67/02 OR H04L67/04 OR H04L67/24 OR H04L67/34 OR H04L67/40 OR H04L69/08 OR H04M15/00 OR H04M7/006 OR H04M7/009 OR H04M11/066 OR H04M15/06 OR H04M15/08 OR H04M15/41 OR H04M15/43 OR H04M15/48 OR H04M15/56 OR	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:25

		H04M15/63 OR H04M15/68 OR H04M15/745 OR H04M15/8292 OR H04M1/2473 OR H04M1/2535 OR H04M2203/2022 OR H04M2203/4536 OR H04M2207/12 OR H04M2207/18 OR H04M2207/20 OR H04M2215/0108 OR H04M2215/0156 OR H04M2215/0164 OR H04M2215/0168 OR H04M2215/0196 OR H04M2215/202 OR H04M2215/62 OR H04M2215/68 OR H04M2242/14 OR H04M3/20 OR H04M3/42 OR H04M3/42008 OR H04M3/42042 OR H04M3/42068 OR H04M3/4228 OR H04M3/42314 OR H04M3/42348 OR H04M3/42365 OR H04M3/523 OR H04M3/53325 OR H04M3/545 OR H04M3/567 OR H04M7/00 OR H04M7/0021 OR H04M7/0057 OR H04M7/123 OR H04M7/1245 OR H04M7/125 OR H04M7/1255 OR H04M7/126 OR H04M7/128 OR H04M7/1285 OR H04Q3/0025 OR H04Q3/0045 OR H04Q11/0478 OR H04Q2213/13098 OR H04Q2213/1324 OR H04Q2213/13288 OR G06Q20/3674 OR H04H60/43 OR H04H60/51 OR H04H60/91 OR H04N21/2665 OR H04N21/4126 OR H04N21/42203 OR H04N21/6581 OR H04N21/6582 OR H04N7/17318 OR H04W28/16 OR H04W4/06 OR H04W4/10 OR H04W4/22 OR H04W60/04 OR H04W76/005 OR H04W76/007 OR H04W76/02 OR H04W76/021 OR H04W76/025 OR H04W80/00 OR H04W80/04 OR H04W84/005 OR H04W88/08 OR H04W8/02 OR H04W8/085 OR Y10S379/90).CPC.)				
S253	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:26
S254	6639	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:45
S255	268033	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/29 23:32
S256	4832	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/29 23:32
S257	5881	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S258	5933	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/29 23:32

			DERWENT; IBM_TDB			
S259	29	(S256 S257 S258) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S260	265	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S261	95	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S262	25	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S263	4	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) SAME server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:34
S264	6575	(reply with mobile) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S265	2208	(reply with mobile same server) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S266	168	(reply with mobile same server same sms) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S267	35	(reply with mobile same server same sms same gateway) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:58
S268	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 02:11

S269	12	S268 and SMS	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:11
S270	12	S268 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S271	1	S268 and (SMS same server$3 same locat$4 NEAR5 (ID address identificat$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S272	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:34
S273	12	S272 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:34
S274	5	S272 and (SMS same server$3 SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:38
S275	5	"20080101370"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:42
S276	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:47

		20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S277	6	S276 and (SMS SAME server SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:47
S278	8	S276 and (SMS SAME server SAME3 (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 10:08
S279	17	S276 and ((ID identification key flag address) SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:00
S280	15	S276 and ((ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:01
S281	11	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:03
S282	3	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) WITH (location GPS) WITH server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:11
S283	2	(US-20080160953-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/30 12:07
S284	2	S283 and (SMS SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:07
S285	2	S283 and (location SAME channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:25
S286	1	"14035806"	US-PGPUB; USPAT;	OR	OFF	2015/11/30 12:59

			DERWENT			
S287	0	S283 and (poll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:04
S288	1	S283 and (poll multiple)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:05
S289	2	S283 and (local and call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S290	2	S283 and (local SAME call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S291	2	S283 and (IP SAME address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:09
S292	0	S283 and (time with out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:20
S293	0	S283 and (expired)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S294	1	S283 and (expired out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S295	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/02 22:35

		or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S296	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/02 22:36
S297	0	S296 and (destinat$$ adj2 (ID key flag identificat$4) and (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S298	0	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S299	1	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:38
S300	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/03 18:45
S301	1	S300 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/03 18:45
S302	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/06 12:00
S303	2	"13710282"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:24
S304	1	S303 and (similar SAME power$4 same sav$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	OFF	2016/01/06 17:25

			IBM_TDB			
S305	1	S303 and (similar NEAR10 power$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 18:18
S306	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/06 21:55
S307	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 14:24
S308	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 14:24
S309	1	"14035806"	US-PGPUB; USPAT	OR	OFF	2016/01/07 15:02
S310	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:03
S311	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 15:03
S312	1	S310 and ((channel$4 tunnel$4 frequenc$4) WITH (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S313	2	S310 and ((channel$4 tunnel$4 frequenc$4) SAME (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04

S314	1	S310 and ((channel$4 tunnel$4 frequenc$4) NEAR10 (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S315	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:35
S316	1	S315 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S317	2	S315 and (channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 16:18
S319	2	S315 and (channel and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 18:15

EAST Search History (Interference)

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PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	6,961,334 B1	11-01-2005	Kaczmarczyk, Casimer M.	
	2	7,218,722 B1	05-15-2007	Turner et al.	
	3	8,594,298 B2	11-26-2013	Klein et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	4	**DOCUMENT TITLE:** PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,542,815; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Dated May 24, 2016. 64 sheets	
	5	**DOCUMENT TITLE:** DECLARATION OF MICHAEL CALOYANNIDES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR2016-01082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed May 23, 2016; Filed May 24, 2016. 84 sheets	
	6	**DOCUMENT TITLE:** Public Switched Telephone Networks: A Network Analysis of Emerging Networks; Daniel Livengood, Jijun Lin and Chintan Vaishnav; Engineering Systems Division; Massachusetts Institute of Technology; Submitted May 16, 2006; To Dan Whitney, Joel Moses and Chris Magee. 27 sheets	
	7	**DOCUMENT TITLE:** A Brief History of VoIP; Document One - The Past; Joe Hallock; joe@sitedifference.com; date on cover page: November 26, 2004; Evolution and Trends in Digital Media Technologies - COM 538; Masters of Communication in Digital Media; University of Washington. 17 sheets	
	8	**DOCUMENT TITLE:** PETITIONER'S VOLUNTARY INTERROGATORY RESPONSES; UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; IPR20161082; Patent 8,542,815; Producing Routing Messages for Voice Over IP Communications; Signed and Filed not later than May 24, 2016. 8 sheets	
	9	**DOCUMENT TITLE:** VoIP-PAL, The World is Calling!, "Over $7 Billion in Lawsuits File by Voip-Pal.com Inc. vs Apple, Verizon and AT&T for Various Patent Infringements," *Business Wire®, A Berkshire Hathaway Company*, February 11, 2016. 2 sheets	

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Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

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T[1] - Place a check mark in this area when an English language Translation is attached.

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Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

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U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	7,174,156 B1	02-06-2007	Mangal, Manish	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

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Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

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META 1002
META V. VOIP-PAL

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14035806	BJÖRSELL ET AL.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

CPC- SEARCHED		
Symbol	Date	Examiner
H04W76/021 OR H04W76/025 OR H04W8/02	11/29/2015	MR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
EAST Search: 1)keyword search in USPAT, US-PGPUB, DERWENT, EPO, JPO, IBM_TDB;	11/29/2015	MR
class/subclasses with keyword, inventors, assignee	11/29/2015	MR
Inventor and assignee search in EAST, eDAN and PALM.	11/29/2015	MR
NPL Search: IP.COM	11/29/2015	MR
Updated search	10/16/2016	MR
Consulted with SPE, Andrew Lai	10/18/2016	MR
Updated search	11/15/2016	MR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
Please see search report		11/29/2015	MR

/M MOSTAZIR RAHMAN/ Examiner.Art Unit 2411	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14035806	BJÖRSELL ET AL.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

✓	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								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14035806	BJÖRSELL ET AL.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14035806	BJÖRSELL ET AL.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

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CLAIM		DATE								
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	107	✓	✓							
	108	✓	✓							

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CLAIM		DATE								
Final	Original	11/25/2015	10/16/2016							
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	131		✓							
	132		✓							
	133		✓							
	134		✓							

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
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	1	4,747,124	05-24-1988	Ladd, David J.	
	2	5,742,596	04-21-1998	Baratz et al.	
	3	5,991,378	11-23-1999	Apel, Ulrich	
	4	6,603,977 B1	08-05-2003	Walsh et al.	
	5	7,042,985 B1	05-09-2006	Wright, Ronald Paul	
	6	7,366,157 B1	04-29-2008	Valentine et al.	
	7	9,179,005 B2	11-03-2015	Perreault et al.	
	8	2002/0057764 A1	05-16-2002	Salvucci et al.	
	9	2005/0007999 A1	01-13-2005	Becker et al.	
	10	2006/0109960 A1	05-25-2006	D'Evelyn et al.	
	11	2006/0233317 A1	10-19-2006	Coster et al.	
	12	2007/0036139 A1	02-15-2007	Patel et al.	
	13	2009/0238168 A1	09-24-2009	Lavoie et al.	
	14	2010/0002701 A1	01-07-2010	Hsieh et al.	
	15	2015/0327320 A1	11-12-2015	Huttunen et al.	
	16	2015/0358470 A1	12-10-2015	Björsell et al.	
	17	2016/0006882 A1	01-07-2016	Björsell et al.	
	18	2016/0028619 A1	01-28-2016	Perreault et al.	

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	19	Technical Report, "3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; Study into routeing of MT-SMs via the HPLMN (Release 7)," *3GPP TR 23.840* V0.1.0 (2006-02), 13 pages.	

Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

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META 1002
META V. VOIP-PAL

PTO/SB/08 Equivalent

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	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 2 OF 2	Attorney Docket No.	DIGIF.004C1

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	20	European Examination Report dated November 26, 2015 for European Patent Application No. EP 07 816 106.4.	
	21	Canadian Office Action dated November 18, 2015 for Canadian Patent Application No. CA 2,681,984.	
	22	Canadian Office Action dated December 1, 2015 for Canadian Patent Application No. CA 2,812,174.	
	23	Canadian Office Action dated January 22, 2016 for Canadian Patent Application No. CA 2,916,220.	
	24	Canadian Office Action dated March 3, 2016 for Canadian Patent Application No. CA 2,670,510.	
	25	Canadian Office Action dated June 8, 2016 for Canadian Patent Application No. CA 2,916,217.	
	26	First Examination Report dated December 09, 2015, India Patent Application No. 1047/MUMNP/2009.	
	27	Communication for European Patent Application No. EP 07 816 106.4 - Invitation pursuant to Article 94(3) and Rule 71(1) EPC dated April 15, 2016. All pages.	

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Examiner Signature	/M Mostazir Rahman/	Date Considered	10/16/2016

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From: PAIR_eOfficeAction@uspto.gov
Cc: PAIR_eOfficeAction@uspto.gov
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Application	Document	Mailroom Date	Attorney Docket No.
14035806	CTNF	11/23/2016	DIGIF.004C1
	892	11/23/2016	DIGIF.004C1
	1449	11/23/2016	DIGIF.004C1
	1449	11/23/2016	DIGIF.004C1
	1449	11/23/2016	DIGIF.004C1
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	1449	11/23/2016	DIGIF.004C1
	1449	11/23/2016	DIGIF.004C1
	1449	11/23/2016	DIGIF.004C1
	1449	11/23/2016	DIGIF.004C1

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PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	6,434,143 B1	08-13-2002	Donovan, Steven R.	
	2	7,774,711 B2	08-10-2010	Valeski, Judson	
	3	2003/0043974 A1	03-06-2003	Emerson, III, Harry E.	
	4	2005/0069097 A1	03-31-2005	Hanson et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	5	DECISION: Denying Institution of *Inter Partes* Review, 37 C.F.R. § 42.108, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner, Case IPR2016-01082, Patent 8,542,815 B2, Paper 8, Entered: November 18, 2016.	
	6	DECISION: Institution of *Inter Partes* Review, 37 C.F.R. § 42.108, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner, Case IPR2016-01201, Patent 8,542,815 B2, Paper 6, Entered: November 21, 2016.	
	7	DECISION: Institution of *Inter Partes* Review, 37 C.F.R. § 42.108, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner, Case IPR2016-01198, Patent 9,179,005 B2, Paper 6, Entered: November 21, 2016.	
	8	SCHEDULING ORDER: UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner, Cases IPR2016-01201, IPR2016-01198, Patent 8,542,815 B2, Patent 9,179,005 B2, Paper 7, Entered: November 21, 2016.	

24788578
120816

Examiner Signature	Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed after receipt of a First Office Action, but before the mailing date of a Final Action and before the mailing date of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 CFR 1.17(p). The

META 1002
META V. VOIP-PAL

Application No.: **14/035,806**
Filing Date: **September 24, 2013**

Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12/8/16

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS
24788698
120816

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	27753356
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	09-DEC-2016
Filing Date:	24-SEP-2013
Time Stamp:	18:00:48
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$90
RAM confirmation Number	121216INTEFSW18021100
Deposit Account	111410
Authorized User	Norman Green
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_DIGIF_004C1_12_09_2016.pdf	115694 79d357a5abe6f52dff0d108ed8d0cca4b7d85104	yes	3
	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
	Information Disclosure Statement (IDS) Form (SB08)		3	3	
	Transmittal Letter		1	2	
Warnings:					
Information:					
2	Non Patent Literature	Ref5_DECISION_UNIFIED_v_VOIP_Denying_Inter_Partes_Review.pdf	986825 61c8343b2d00e4ca095d62c24ffd805ce5123630	no	23
Warnings:					
Information:					
3	Non Patent Literature	Ref6_DECISION_APPLE_v_VOIP_Institution_Inter_Partes_Pat_8542815.pdf	16609437 e49dbac4737ddb3bc5d1e9a10364927303e9304a	no	33
Warnings:					
Information:					
4	Non Patent Literature	Ref7_DECISION_APPLE_v_VOIP_Institution_Inter_Partes_Pat_9179005.pdf	15924267 933e0fea33be061a905bd1263dc602d70e9d366c	no	32
Warnings:					
Information:					
5	Non Patent Literature	Ref8_SCHEDULING_ORDER_APPLE_v_VOIP_Pats_8542815_9179005.pdf	2997915 a44e873a87122cd682fb9aee4c3487322c6beba6	no	8
Warnings:					
Information:					

6	Fee Worksheet (SB06)	fee-info.pdf	30581 8a2df1014dec8bf5b2405e17c4a4eb3f84fa3ca3	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	36664719	

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.

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82A (07-13)
Approved for use through 11/30/2014. OMB 0651-0051
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.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	14/035,806
Filing Date	September 24, 2013
First Named Inventor	Johan Emil Viktor Björsell
Title	MOBILE GATEWAY
Art Unit	2411
Examiner Name	M. Mostazir Rahman
Attorney Docket Number	DIGIF.004C1

SIGNATURE of Applicant or Patent Practitioner

Signature		Date (Optional)	January 6, 2017
Name	John M. Carson	Registration Number	34,303
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☑ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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.

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82B (07-13)
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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 20995

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

☑ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☑ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature		Date (Optional)	June 13, 2016
Name	Emil Malak		
Title	CEO, VOIP-PAL.COM, INC.		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ Total of forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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.

PTO/AIA/96 (08-12)
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STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: VOIP-PAL.COM, INC.

Application No./Patent No.: 14/035,806 Filed/Issue Date: September 24, 2013

Titled: MOBILE GATEWAY

VOIP-PAL.COM, INC., a Corporation

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

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☑ The assignee of the entire right, title, and interest.

2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):

   ☐ The extent (by percentage) of its ownership interest is _____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.

   ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

   Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

   Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (*e.g.*, bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

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

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

1. From: Johan Emil Viktor Björsell, Maksym Sobolyev, Pentti Kalevi Huttunen, Emil Malak To: DIGIFONICA (INTERNATIONAL) LIMITED

   The document was recorded in the United States Patent and Trademark Office at
   Reel 034731, Frame 0118, or for which a copy thereof is attached.

2. From: DIGIFONICA (INTERNATIONAL) LIMITED To: VOIP-PAL.COM, INC.

   The document was recorded in the United States Patent and Trademark Office at
   Reel 038650, Frame 0887, or for which a copy thereof is attached.

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

PTO/AIA/96 (08-12)
Approved for use through 01/31/2013. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

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

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

4. From: _____ To: _____

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

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

5. From: _____ To: _____

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

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

6. From: _____ To: _____

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

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

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

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

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

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

	January 6, 2017
Signature	Date
John M. Carson	34,303
Printed or Typed Name	Title or Registration Number

Electronic Acknowledgement Receipt

EFS ID:	27993998
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Kealani Aguon
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	06-JAN-2017
Filing Date:	24-SEP-2013
Time Stamp:	16:22:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	Trans.pdf	36935 90abcc49095af7e6ebb4a717c45bf1796b47488e	no	2
Warnings:					

Information:					
2	Application Data Sheet	CorrectedADS.pdf	29988 51324b9f3fefc6e5ae027e36b84405017586bbe0	no	2
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
3	Power of Attorney	POA.pdf	227905 df3fadf960377b76ec9e9fecfdb0f4c012a968d9	no	2
Warnings:					
Information:					
4	Assignee showing of ownership per 37 CFR 3.73	373.pdf	103176 8f77ae643041339abff9379950f5cc0e10ee70f1	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	398004	

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.

Please Direct All Correspondence to Customer Number 20995

REQUEST TO CORRECT OR CHANGE APPLICANT FOR PATENT

Inventor	:	Johan Emil Viktor Björsell
App. No	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	M. Mostazir Rahman
Art Unit	:	2411

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

Dear Sir:

This request to change the name of the Applicant is being made to update a Non-Inventor Applicant under 37 CFR 1.46. Accordingly pursuant to 37 CFR 1.46(c)(2), this Request is accompanied by:

1. An Application Data Sheet outlining changes being made to the designation of Applicant; and
2. Statement Under 3.73 identifying the complete chain of title to the current Non-Inventor Applicant.

META 1002
META V. VOIP-PAL

Please Direct All Correspondence to Customer Number 20995

No fee is believed to be due, however, the Commissioner is hereby authorized to charge any fee associated with this request, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE MARTENS OLSON & BEAR LLP

Dated: January 6, 2017

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

24940043

CORRECTED APPLICATION DATA SHEET

Application Information

Application Number:	14/035,806
Filing Date:	September 24, 2013
Title:	MOBILE GATEWAY
Attorney Docket Number:	DIGIF.004C1

Correspondence Information

Correspondence Customer Number:	20995
Phone Number:	(949) 760-0404
Fax Number:	(949) 760-9502
E-Mail Address:	efiling@knobbe.com

Representative Information

Representative Customer Number: 20995

Applicant Information

Applicant Name:	*	~~DIGIFONICA (INTERNATIONAL) LIMITED~~ VOIP-PAL.COM, INC.
Street:	*	~~773 HORNBY STREET~~ 10900 NE 4th St., Suite 2300
City:	*	~~VANCOUVER~~ Bellevue
State or Province:	*	~~BC~~ WA

Country: * ~~CA~~
US

Postal or Zip Code: * ~~V6Z 1S4~~
98004

Dated: January 6, 2017

By: _____
John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

24911281

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/035,806	09/24/2013	Johan Emil Viktor Björsell	DIGIF.004C1

CONFIRMATION NO. 5562

20995
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

POA ACCEPTANCE LETTER

OC000000088394722

Date Mailed: 01/11/2017

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/06/2017.

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.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/byemane/

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
14/035,806	09/24/2013	2411	6550	DIGIF.004C1	129	8

CONFIRMATION NO. 5562

CORRECTED FILING RECEIPT

20995
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614



Date Mailed: 01/11/2017

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**

Inventor(s)

Johan Emil Viktor Björsell, Vancouver, CANADA;
Maksym Sobolyev, New Westminster, CANADA;
Pentti Kalevi Huttunen, Vancouver, CANADA;
Emil Malak, Vancouver, CANADA;

Applicant(s)

VOIP-PAL.COM, INC., Bellevue, WA;

Assignment For Published Patent Application

Digifonica (International) Limited, Vancover, CANADA

Power of Attorney: The patent practitioners associated with Customer Number 20995

Domestic Priority data as claimed by applicant

This application is a CON of 13/056,277 01/27/2011 PAT 8630234
which is a 371 of PCT/CA2009/001062 07/28/2009
which claims benefit of 61/129,898 07/28/2008

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/08/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/035,806**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No
**** SMALL ENTITY ****
Title

MOBILE GATEWAY

Preliminary Class

370

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

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Dear PAIR Customer:

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Application	Document	Mailroom Date	Attorney Docket No.
14035806	N570	01/11/2017	DIGIF.004C1
	APP.FILE.REC	01/11/2017	DIGIF.004C1

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PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

Electronic Acknowledgement Receipt

EFS ID:	26354661
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Mleanie Smuck
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	14-JUL-2016
Filing Date:	24-SEP-2013
Time Stamp:	20:30:50
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$1110
RAM confirmation Number	071516INTEFSW20314800
Deposit Account	111410
Authorized User	Melanie Smuck
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		DIGIF_004C1_OA_Response.pdf	1679523 e133f0ec636bee0c3fdc99065dc2bb22dd5138ab	yes	37

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	24
	Applicant Arguments/Remarks Made in an Amendment	25	37

Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	33729 a52a3dc8566497e9a69dd1e5350e2e5a2afbfe20	no	2
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New International Application Filed with the USPTO as a Receiving Office

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 8	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	5,768,521	06-16-1998	Dedrick, Rick	
	2	6,947,531 B1	09-20-2005	Lewis et al.	
	3	7,477,843 B1	01-13-2009	Peeters et al.	
	4	9,537,762 B2	01-03-2017	Perreault et al.	
	5	9,549,071 B2	01-17-2017	Björsell et al.	
	6	9,565,307 B2	02-07-2017	Björsell et al.	
	7	2002/0150080 A1	10-17-2002	Bhattacharya et al.	
	8	2006/0195584 A1	08-31-2006	Baumann, Thomas	
	9	2007/0121590 A1	05-31-2007	Turner et al.	
	10	2007/0121602 A1	05-31-2007	Sin et al.	
	11	2017/0104868 A1	04-13-2017	Björsell et al.	
	12	2017/0111265 A1	04-20-2017	Perreault et al.	
	13	2017/0126752 A1	05-04-2017	Perreault et al.	
	14	2017-0142256 A1	05-18-2017	Björsell et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]
	15	GB 2 332 337 A	06-16-1999	Cellcom Ltd		

NON PATENT LITERATURE DOCUMENTS

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	16	European Examination Report dated August 29, 2016 for European Patent Application No. EP 07 855 436.7.	
	17	Communication under Rule 71(3) EPS - Intention to Grant - dated October 14, 2016 for European Patent Application No. EP 07 816 106.4	
	18	Canadian Office Action dated August 16, 2016 for Canadian Patent Application No. CA 2,681,984.	
	19	Canadian Office Action dated March 31, 2017 for Canadian Patent Application No. CA 2,916,220.	

Examiner Signature	Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 2 OF 8	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
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	20	**PATENT OWNER RESPONSE TO PETITION**, APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Filed: February 10, 2017, 76 pages.	
	21	**PATENT OWNER UPDATED EXHIBIT LIST**, APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Filed: February 10, 2017, 6 pages.	
	22	Voip-Pal Ex. 2002, IPR2016-01201, "DECLARATION OF RYAN THOMAS IN SUPPORT OF PRO HAC VICE MOTION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: January 20, 2017, 4 pages.	
	23	Voip-Pal Ex. 2003, IPR2016-01201, "Technical Review of Digifonica VoIP System," DIGIFONICA, Global Telephone Solutions, Author: John Rutter, Stuart Gare, Version V0.7 (Draft), Date: 05/07/2005, 35 pages.	
	24	Voip-Pal Ex. 2004, IPR2016-01201, Memo - "Subject: Smart 421 Contract signed and Faxed," From: Clay S. Perreault, Date: 6/6/05, 8:53 AM, To: Steve Nicholson, et al., 2 pages.	
	25	Voip-Pal Ex. 2005, IPR2016-01201, Memo - "Subject: Digifonica TEchnology review," From: Clay Perreault, Date: 6/6/05, 5:37 PM; To: John Rutter, et al., 5 pages.	
	26	Voip-Pal Ex. 2006, IPR2016-01201, Memo - "Subject: Re: Sample code for review Next document upload complete," From: Clay Perreault, Date: 6/15/05, 3:28 PM, To: John Rutter, et al., 3 pages.	
	27	Voip-Pal Ex. 2007, IPR2016-01201, DigiFonica International Inc Memo - "[Fwd: Digifonica Technical Review - draft report]," From Clay Perreault, To: Rod Thomson, et al., Tue, Jul 5, 2005 at 4:45 PM, 2 pages.	
	28	Voip-Pal Ex. 2008, IPR2016-01201, John Rutter - "DECLARATION IN SUPPORT PATENT OWNER RESPONSE TO INTER PARTES PETITION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: January 31, 2017, 4 pages.	
	29	Voip-Pal Ex. 2009, IPR2016-01201, Stuart Gare - "DECLARATION IN SUPPORT PATENT OWNER RESPONSE TO INTER PARTES PETITION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: February 2, 2017, 4 pages.	
	30	Voip-Pal Ex. 2010, IPR2016-01201, Pentti Kalevi Huttunen - "DECLARATION IN SUPPORT PATENT OWNER RESPONSE TO INTER PARTES PETITION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: February 3, 2017, 4 pages.	
	31	Voip-Pal Ex. 2011, IPR2016-01201, Ryan Purita - "DECLARATION IN SUPPORT PATENT OWNER RESPONSE TO INTER PARTES PETITION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: January 31, 2017, 3 pages.	

Examiner Signature	Date Considered
***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. 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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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 3 OF 8	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	32	Voip-Pal Ex. 2012, IPR2016-01201, Johan Emil Viktor Björsell - "DECLARATION IN SUPPORT PATENT OWNER RESPONSE TO INTER PARTES PETITION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: February 9, 2017, 9 pages.	
	33	Voip-Pal Ex. 2013, IPR2016-01201, Clay Perreault - "DECLARATION IN SUPPORT PATENT OWNER RESPONSE TO INTER PARTES PETITION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: February 8, 2017, 6 pages.	
	34	Voip-Pal Ex. 2014, IPR2016-01201, RBR Source Code, Version 361, "call_e164.class.php RBR Version 361, 2005-06-06 09:22:59," 45 pages.	
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	36	Voip-Pal Ex. 2016, IPR2016-01201, William Henry Mangione-Smith - "DECLARATION IN SUPPORT PATENT OWNER RESPONSE TO INTER PARTES PETITION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: February 10, 2017, 82 pages.	
	37	Voip-Pal Ex. 2017, IPR2016-01201, DF DigiFonica International Inc Memo - "notes from your presentation, 1 message" From Konstantin Kropivny, To: Emil Björsell, Tue, Jun 14, 2005 at 7:33PM, 4 pages.	
	38	Voip-Pal Ex. 2018, IPR2016-01201, David Terry - "DECLARATION IN SUPPORT PATENT OWNER RESPONSE TO INTER PARTES PETITION," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: February 8, 2017, 5 pages.	
	39	Voip-Pal Ex. 2019, IPR2016-01201, DF DigiFonica International Inc Memo - "Software release 10:30 am PST - 11:00am PST for August 25th, 2005. 1 message" From Samantha Edwards, To: everyone@digifonica.com, Wed., Aug 24, 2005 at 4:02 PM, 8 pages.	
	40	Voip-Pal Ex. 2020, IPR2016-01201, "Next Generation Networks - A Migration Path Digifonica Voice Over IP Technologies. Technology Overview, DRAFT June 3, 2005, NOT FOR DISTRIBUTION," by Clay S Perreault, CEO / CTO, Digifonica International Ltd, Gibraltar, 45 pages.	
	41	Voip-Pal Ex. 2021, IPR2016-01201, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::Salm Rev 341, RBR Rev 341 added, 1 message" Fuad A. To: E. Björsell, Tue, May 31, 2005 at 1:13 PM, 1 page.	
	42	Voip-Pal Ex. 2022, IPR2016-01201, DF DigiFonica International Inc Memo - "Salm Rev 341, RBR Rev 341, 2 messages" Emil Björsell To: Fuad, et al., Tue, May 31, 2005 at 2:38 *and* 2:44 PM, 1 page.	
	43	Voip-Pal Ex. 2023, IPR2016-01201, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Roll out Rev 353 added, 1 message" Fuad A. To: E. Björsell, Thu, Jun 2, 2005 at 1:12 PM, 1 page.	
	44	Voip-Pal Ex. 2024, IPR2016-01201, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Roll out Rev 358 added, 1 message" Fuad A. To: E. Björsell, Sun, Jun 5, 2005 at 1:18 PM, 1 page.	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
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	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 4 OF 8	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	45	Voip-Pal Ex. 2025, IPR2016-01201, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Roll out Rev 361 updated, 1 message" Fuad A. To: E. Björsell, Mon., Jun 6, 2005 at 9:26 AM, 1 page.	
	46	Voip-Pal Ex. 2026, IPR2016-01201, DF DigiFonica International Inc Memo - "RBR Roll out Rev 361, 1 message" David Terry To: Fuad, et al., Mon., Jun 6, 2005 at 9:33 AM, 1 page.	
	47	Voip-Pal Ex. 2027, IPR2016-01201, DF DigiFonica International Inc Memo - "RBR Roll out Rev 361, 1 message" Emil Björsell To: Fuad, et al., Mon., Jun 6, 2005 at 11:33 AM, 1 page.	
	48	Voip-Pal Ex. 2030, IPR2016-01201, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Rev 541 updated, 1 message" Fuad A. To: E. Björsell, Thu, Aug 4, 2005 at 11:57 AM, 1 page.	
	49	Voip-Pal Ex. 2031, IPR2016-01201, DF DigiFonica International Inc Memo - "RBR Rev 541, 1 message" David Terry To: Fuad, et al., Thu, Aug 4, 2005 at 1:58 PM, 1 page.	
	50	Voip-Pal Ex. 2032, IPR2016-01201, DF DigiFonica International Inc Memo - "RBR Rev 541, 1 message" Emil Björsell To: Fuad, et al., Thu, Aug 4, 2005 at 3:59 PM, 1 page.	
	51	Voip-Pal Ex. 2033, IPR2016-01201, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Roll out Rev 554 added, 1 message" Fuad A. To: Emil Björsell, Mon, Aug 8, 2005 at 10:55 AM, 1 page.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 5 OF 8	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
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	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 6 OF 8	Attorney Docket No.	DIGIF.004C1

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	106	Voip-Pal Ex. 2049, IPR2016-01198, Valdar, Andy, Understanding Telecommunications Networks, ©2006 The Institution of Engineering and Technology, London, UK, Title page, copyright page, pages 38-39.	
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Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

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Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
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Patent-Appeals-and-Interference:				
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SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	90	90
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Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
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3	Non Patent Literature	Ref_EP_Exam_EP07855436_08_29_2016.pdf	6995969 8dc59935c0b89912c46f1cba7e6c57ba721919a1	no	8
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9	Non Patent Literature	Ref1_Exhibit_2002_01201.pdf	1248190 b79295b4b871ec5dbd92673570b6327b2db7a8fd	no	4
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Warnings:					
Information:					
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		Total Files Size (in bytes):	169361060		

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<u>New Applications Under 35 U.S.C. 111</u>
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<u>New International Application Filed with the USPTO as a Receiving Office</u>
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INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

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META 1002
META V. VOIP-PAL

Application No.: **14/035,806**
Filing Date: **September 24, 2013**

Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 5/22/17

By: _____

John M. Carson
Registration No. 34,303
Registered Practitioner
Customer No. 20995
(858) 707-4000

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25963626

Please Direct All Correspondence to Customer Number 20995

EFS WEB CONTINUING IDS COVER LETTER

Inventor	:	Johan Emil Viktor Björsell, et al.
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Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Submitted herewith are references numbered 64 to 107 listed on the PTO/SB/08 or equivalent filed under EFS ID 29271383.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 5/22/17

By: _____
John M. Carson
Registration No. 34,303
Registered Practitioner
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(858) 707-4000

IDS-CON
25966934

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	29861671
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	21-JUL-2017
Filing Date:	24-SEP-2013
Time Stamp:	19:52:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$90
RAM confirmation Number	072417INTEFSW00005276111410
Deposit Account	111410
Authorized User	Norman Green

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

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS_DIGIF_004C1_07_21_2017.pdf	913380 faff5be803eff0d7d6b7b80abff9900728369f79	yes	12
	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
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51	Non Patent Literature	Ref_EX_1003_App_II.pdf	122430 fae2a10d7055230da25218740b07e3ce85754399	no	3
Warnings:					
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52	Fee Worksheet (SB06)	fee-info.pdf	30583 9ae51eb751931378db3ba9e15a95b943f582c3ac	no	2
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		Total Files Size (in bytes):	259568070		

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Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

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META V. VOIP-PAL

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Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/21/17

By: _____
John M. Carson
Registration No. 34,303
Registered Practitioner
Customer No. 20995
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26356466

Please Direct All Correspondence to Customer No. 20995

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

Dear Sir:

Submitted herewith are references numbered **60** to **108** listed on the PTO/SB/08 or equivalent filed under EFS ID **29861117**.

Please charge any additional fees, including any fees for additional extension of time, or

META 1002
META V. VOIP-PAL

credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/21/17

By: _____
John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS-CON
26360382
072117

Electronic Acknowledgement Receipt

EFS ID:	29861117
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	21-JUL-2017
Filing Date:	24-SEP-2013
Time Stamp:	20:59:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	IDS_CON_TRANS_1_DIGIF_004C1_07_21_2017.pdf	29693 0c36fb954d486228c6e3911688015add612dd82f	no	2
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Information:					
2	Non Patent Literature	Ref_EXHIBIT_1004_ATTvDIGIF_8542815.pdf	655042 278a363bf47497242e4a6ba914c9f0d8dd5d4526	no	26
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3	Non Patent Literature	Ref_EXHIBIT_1005_ATTvDIGIF_8542815.pdf	9596391 60c9e44ebc5b33980b4fbbb1571e90eaaa404f07	no	13
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Information:					
4	Non Patent Literature	Ref_EXHIBIT_1006_ATTvDIGIF_8542815.pdf	13661468 fd642b1cab6f8d33a4b92d6c15d424779c5af808	no	18
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5	Non Patent Literature	Ref_EXHIBIT_1007_ATTvDIGIF_8542815.pdf	3807039 90ed1938764df95b78b3b3b61cdc906697f1280b	no	53
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6	Non Patent Literature	Ref_EXHIBIT_1008_ATTvDIGIF_8542815.pdf	1560728 ef1c9a87e9cfdff8b93d934833d84c5cfde84746	no	33
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7	Non Patent Literature	Ref_EXHIBIT_1009_ATTvDIGIF_8542815.pdf	17255786 1bd106659b63bafddc2d3c62a5650e02e772f552	no	44
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8	Non Patent Literature	Ref_EXHIBIT_1010_ATTvDIGIF_8542815.pdf	1502018 9fdf0e282ea76771b1b84fe4348bc956f2d9ce59	no	50
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9	Non Patent Literature	Ref_EXHIBIT_1011_ATTvDIGIF_8542815.pdf	3471316 f2bd4406902872e795e05b4840b5000f738a27c7	no	298
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10	Non Patent Literature	Ref_EXHIBIT_1012_ATTvDIGIF_8542815.pdf	2281465 664097d514b133eb8291e565418ab367ef0f5ad0	no	3
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11	Non Patent Literature	Ref_PETITION_IPR_ATT_v_DIGIF_IPR20107-01383_9179005.pdf	3578856 20c49783a38eb90b1a31fdc8a2040792572f40b8	no	70
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12	Non Patent Literature	Ref_EX_1003_DEC_OF_BRESS_IPR20107_01383_9179005_222_Pages.pdf	10021123 103f7369c4c9bab88a48177a77b4ec4702f395cf	no	222
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16	Non Patent Literature	Ref_EX_1007_ATTvDIGIF_IPR2017_01383_9179005.pdf	1458017 22a0bd7d2ee718bd54ed37a39eacfec02a52f8cb	no	18
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24	Non Patent Literature	Ref_EX_1006_ATTvDIGIF_IPR20107_01384_9179005.pdf	1459675 cfcd699cb27617a1d9b0a7705e9bb78ee8cdc835	no	18
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26	Non Patent Literature	Ref_EX_1008_ATTvDIGIF_IPR20107_01384_9179005.pdf	1494313 b94ffca2eec01c20a91f7a3de59c7e8fed435519	no	32
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Information:					
28	Non Patent Literature	Ref_EX_1010_ATTvDIGIF_IPR20107_01384_9179005.pdf	1483461 2ded91f020221cda42b62ac5ad1187ae6f750eb0	no	50
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29	Non Patent Literature	Ref_EX_1011_ATTvDIGIF_IPR20107_01384_9179005.pdf	3471316 f2bd4406902872e795e05b4840b5000f738a27c7	no	298
Warnings:					
Information:					

30	Non Patent Literature	Ref_EX_1012_ATTvDIGIF_IPR20107_01384_9179005.pdf	2281465 664097d514b133eb8291e565418ab367ef0f5ad0	no	3
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Information:					
31	Non Patent Literature	Ref_PETITIONER_REPLY_case_IPR2016-01201_Pat_8542815.pdf	1271640 9f44543f157de5f4786a678ba40c87aaa25a8aa7	no	34
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32	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1007_IPR2016-01201_Pat_8542815_SMITH_Dep.pdf	10899702 f87def2601cb5f4749878bb02ea7a22dfb480476	no	213
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34	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1009_IPR2016_01201_Pat_8542815_TERRY_Dep.pdf	4338384 fc1cf7415283432ed9cc88fb7fd7ffd601f8ce65	no	95
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35	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1010_IPR2016-01201_Pat_8542815_PERREAULT_Dep.pdf	5757309 ab1bf2cf69ab995280e480545938c0edd59ea6c3	no	118
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Information:					
36	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1011_IPR2016-01201_Pat_8542815_COMPLAINT.pdf	380270 0378bb72fb1e398303fca4eed1a1aad4440d006c	no	8
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37	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1012_IPR2016-01201_Pat_8542815_BJORSELL_Dep.pdf	10262224 1e6b53c363bd459dd890c4111a3a8e4ee0134753	no	204
Warnings:					
Information:					
38	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1013_IPR2016-01201_Pat_8542815_Letter_4_21_2017.pdf	258568 f99448a10e088cc555d2ef75d4595808afc695f0	no	1
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39	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1014_IPR2016-01201_Pat_8542815_Email_5_1_2017.pdf	3545332 40c7a67352fe1284ede45d3f2f44e1effa1f3b31	no	2
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40	Non Patent Literature	Ref_PETITIONER_REPLY_case_IPR2016-01198_Pat_9179005.pdf	1261295 e5acdc9810d9d20a62722e2eb9ee4f7df5e8e8a7	no	33
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41	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1010_IPR2016_01198_Pat_9179005_SMITH_Dep.pdf	11067372 8d18b16efeb2c7356b6f15b58421acee66cd71e1	no	213
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42	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1011_IPR2016_01198_Pat_9179005_RUTTER_Dep.pdf	2004456 2dab1f110fcf80d9d3f80d4a89251eac76813557	no	43
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Information:					
43	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1012_IPR2016_01198_Pat_9179005_TERRY_Dep.pdf	4330856 22ceb817e2b6b08a30f1478e4691630eb87fe98e	no	95
Warnings:					
Information:					

44	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1013_IPR2016_01198_Pat_9179005_PERREAULT_Dep.pdf	5748808 930959bb10ec5eaed9b9f78874b1beaf91f4f630	no	118
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45	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1014_IPR2016_01198_Pat_9179005_COMPLAINT.pdf	435612 2d7473ac49a2e6d807b985062cbd304270b39f4f	no	8
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Information:					
46	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1015_IPR2016_01198_Pat_9179005_BJORSELL_Dep.pdf	10247512 f954f94c9b3db5082b9cc3cb805439be2fdb3206	no	204
Warnings:					
Information:					
47	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1016_IPR2016_01198_Pat_9179005_Letter_04_21_2017.pdf	258809 be35d4ff81ebba2642ead7a71790edec26517e38	no	1
Warnings:					
Information:					
48	Non Patent Literature	Ref_PETITIONER_EXHIBIT_1017_IPR2016_01198_Pat_9179005_Email_05_01_2017.pdf	3545728 401f11c50525a3128785e8a4eb4e79081e04f918	no	2
Warnings:					
Information:					
49	Non Patent Literature	Ref_IPR2016_01201_Patent_Owner_Objections_to_Evidence.pdf	2394967 5bb0b6acba6f5ebf057e1e99a4bd04b467918522	no	7
Warnings:					
Information:					
50	Non Patent Literature	Ref_IPR2016_01198_Patent_Owner_Objections_to_Evidence.pdf	2388252 5cfc95d729523aee524406b1ef70fbf6542f1800	no	7
Warnings:					
Information:					
		Total Files Size (in bytes):	224357404		

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.

Please Direct All Correspondence to Customer No. 20995

EFS WEB CONTINUING IDS COVER SHEET

First Inventor	:	Johan Emil Viktor Björsell, et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

Dear Sir:

Submitted herewith are references numbered **109** to **130** listed on the PTO/SB/08 or equivalent filed under EFS ID **29861166**.

Please charge any additional fees, including any fees for additional extension of time, or

META 1002
META V. VOIP-PAL

credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/21/17

By: _____

John M. Carson
Registration No. 34,303
Attorney of Record
Customer No. 20995
(858) 707-4000

IDS-CON
26360613
072117

Electronic Acknowledgement Receipt

EFS ID:	29861166
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	21-JUL-2017
Filing Date:	24-SEP-2013
Time Stamp:	21:19:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	IDS_CON_TRANS_2_DIGIF_004C1_07_21_2017.pdf	28931 e9c6f6589b4486cdbf4ce1899a499d6cfe9143a3	no	2
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6	Non Patent Literature	Ref8_EXHIBIT_2052_IPR2016-01201_PAT_8542815_REPORTER_TRANSCRIPT.pdf	562950 4811806a9625e3b8d1676e85dd59c68518c310e2	no	17
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13	Non Patent Literature	Ref196_Exhibit_2053_01198_Transcript_Apple_v_VOIP_06_20_2017.pdf	12053757 77647d65dce312ddec30c5b8fdd630b721ed48f4	no	25
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15	Non Patent Literature	Ref198_Order_Conduct_of_Proceeding_Paper_43_Apple_v_VOIP_9179005_AND_8542815_06-22-2017.pdf	1307617 e5a8413b13794d1b40be3ee7577b6d3b353d46e3	no	4
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16	Non Patent Literature	Ref199_Order_Trial_Hearing_Paper_45_Apple_v_VOIP_9179005_AND_8542815_06-26-2017.pdf	1621427 f37bb241362fabe218a6fac3ccb636d639869d5e	no	4
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18	Non Patent Literature	Ref201_Petitioner_Opposition_01198_06_26_2017.pdf	6743477 52771df9f6148f6c8ad2193cde81e1372d1f03ba	no	15
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19	Non Patent Literature	Ref204_Patent_Owner_Reply_to_Opposition_01198_07_03_2017.pdf	3203397 46222004d9e1ede96f53bde80be2a0f0cbba9e81	no	8
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22	Non Patent Literature	Ref209_Voip_Pal_EX_2054_IPR2016_01201_07_20_2017.pdf	1676869 2c1b0358b0744312b2ec4fad8eccfdddf1494dd6	no	34
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23	Non Patent Literature	Ref210_Petitioners_DX_1_IPR_Reviews_01198_and_01201_07_20_2017.pdf	15755378 837b0e4d5c4610fbdd66d9892177849decebb9d18	no	46

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Information:

Total Files Size (in bytes):	69659221

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

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New International Application Filed with the USPTO as a Receiving Office

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PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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 14/035,806	Filing Date 09/24/2013	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	07/24/2017	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
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	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $210 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

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

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
ANGELA s. WHITE

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Please find below and/or attached an Office communication concerning this application or proceeding.

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

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

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PTOL-90A (Rev. 04/07)

Office Action Summary	Application No. 14/035,806	Applicant(s) BJÖRSELL ET AL.	
	Examiner M MOSTAZIR RAHMAN	Art Unit 2411	AIA (First Inventor to File) Status No

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *05/23/2017*.

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

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

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

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

Disposition of Claims*

5)☒ Claim(s) *1-137* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-137* is/are rejected.

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

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

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

Application Papers

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

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

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

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

Priority under 35 U.S.C. § 119

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

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

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

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

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

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

Attachment(s)

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

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

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

4) ☐ Other: _____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

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

Information Disclosure Statement

The information disclosure statements (IDS) submitted on **12/09/2016, 05/22/2017, 07/21/2017** have been placed in record and considered by the examiner.

Response to Remark

This communication is considered fully responsive to the amendment filed on ***05/23/2017.***

1) ***Independent claims 1, 20, 38, 50, 51, 77, 103, 129*** have been amended.
2) Claims 135-137 have been added and no claim was canceled.
3) In view of the applicant's amendment, the rejection under 35 USC § 112 (b) have been withdrawn.

Response to Arguments

Applicant's arguments, filed on ***05/23/2017,*** with respect to claims have been entered and considered but are moot because the arguments do not apply to any of the references being used in the current rejection. In view of the applicant's amendment to the claims, the examiner has clarified and remapped the rejection to the argued claim limitations to give detailed information, using the prior art of record in the current prosecution of the claims as well as new prior art. See **D'Evelyn** et al. (US **20060109960** A1). Hereinafter as "**D'Evelyn**").

Claim Interpretation

The following is a quotation of 35 U.S.C. 112(f):

> (f) Element in Claim for a Combination. – An element in a claim for a combination may be expressed as a means or step for performing a specified function without the recital of structure, material, or acts in support thereof, and such claim shall be construed to cover the corresponding structure, material, or acts described in the specification and equivalents thereof.

The following is a quotation of pre-AIA 35 U.S.C. 112, sixth paragraph:

> An element in a claim for a combination may be expressed as a means or step for performing a specified function without the recital of structure, material, or acts in support thereof, and such claim shall be construed to cover the corresponding structure, material, or acts described in the specification and equivalents thereof.

Use of the word “means” (or “step for”) in a claim with functional language creates a rebuttable presumption that the claim element is to be treated in accordance with 35 U.S.C. 112(f) (pre-AIA 35 U.S.C. 112, sixth paragraph). The presumption that 35 U.S.C. 112(f) (pre-AIA 35 U.S.C. 112, sixth paragraph) is invoked is rebutted when the function is recited with sufficient structure, material, or acts within the claim itself to entirely perform the recited function.

Absence of the word “means” (or “step for”) in a claim creates a rebuttable presumption that the claim element **is not** to be treated in accordance with 35 U.S.C. 112(f) (pre-AIA 35 U.S.C. 112, sixth paragraph). The presumption that 35 U.S.C. 112(f) (pre-AIA 35 U.S.C. 112, sixth paragraph) is not invoked is rebutted when the claim element recites function but fails to recite sufficiently definite structure, material or acts to perform that function.

Claim elements in this application that use the word "means" (or "step for") are presumed to invoke 35 U.S.C. 112(f) except as otherwise indicated in an Office action. Similarly, claim elements that do not use the word "means" (or "step for") are presumed not to invoke 35 U.S.C. 112(f) except as otherwise indicated in an Office action.

Claim limitation

"Means for receiving" in claim 20, 28, 29, 30, 31, 34;

"Means for transmitting" in claim 20, 22, 23, 24,35, 36, 37;

"Means for establishing" in claim 20, 33;

"Means for communicating" in claim 34;

has/have been interpreted under 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph, because it uses/they use a generic placeholder "**means**" coupled with functional language **"for"** without reciting sufficient structure to achieve the function. Furthermore, the generic placeholder is not preceded by a structural modifier.

Since the claim limitation(s) invokes 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph, **claim(s) 20-37,77-102** has/have been interpreted to cover the corresponding structure described in the specification that achieves the claimed function, and equivalents thereof.

A review of the specification shows that the following appears to be the corresponding structure described in the specification for the 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph limitation:

"Means for receiving" ->"fig. 2: an input/output (I/O) port 56";

"Means for transmitting" ->"fig. 2: an input/output (I/O) port 56";

"Means for establishing" ->"fig. 2: telephone network interface 72, 70";

"Means for communicating" ->"fig. 2: telephone network interface 72, 70";

If applicant wishes to provide further explanation or dispute the examiner's interpretation of the corresponding structure, applicant must identify the corresponding structure with reference to the specification by page and line number, and to the drawing, if any, by reference characters in response to this Office action.

If applicant does **not** intend to have the claim limitation(s) treated under 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112 , sixth paragraph, applicant may amend the claim(s) so that it/they will clearly not invoke 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph, or present a sufficient showing that the claim recites/recite sufficient structure, material, or acts for performing the claimed function to preclude application of 35 U.S.C. 112(f) or pre-AIA 35 U.S.C. 112, sixth paragraph.

For more information, see MPEP § 2173 *et seq.* and *Supplementary Examination Guidelines for Determining Compliance With 35 U.S.C. 112 and for Treatment of Related Issues in Patent Applications*, 76 FR 7162, 7167 (Feb. 9, 2011).

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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

Claims 1-137 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over **Albina** et al. (US **20080056235** A1; hereinafter as "**Albina**") in view of **Fukasaku** et al. (US **20090017842** A1). hereinafter as "**Fukasaku**") and further in view of **D'Evelyn** et al. (US **20060109960** A1). Hereinafter as "**D'Evelyn**", provided in IDS).

Albina discloses "Cellular-to-VoIP call establishment systems, methods, devices, and computer software" **(Title; see Fig. 1-3).**

Regarding claim 1, **Albina** teaches **a** method **(aforesaid "method" details in fig. 1 where mobile communication device 102 communicate with VoIP destination device 104 using wireless network 116)** of establishing communications between a wireless device **(aforesaid mobile device 102)** and a destination node **(aforesaid VoIP Destination Device 104)** of a communications network **(aforesaid Wireless Service Provider 116) ; mobile communication device 102 (aforesaid "wireless**

apparatus") communication with VoIP destination device 104 using Wireless Service Provider 116: [0027])) the method comprising:

Receiving from a user of the wireless device a destination node identifier associated with the destination node **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702);**

receiving an access code reply message from the access server in response to the access code request message **(mobile communication device 102 receives access code reply message from server; Fig. 3 element 306: the client application receives the TDN and initiates a PSTN call to the TDN: [0038]),** the access code identifying a communications channel on a gateway **(see Fig. 11: SIP Gateway 1112)** through which communications between the wireless device **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 7 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; the wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a**

traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090]; the access code being distinct from the destination node identifier **(TDN number is different that initial contact number; the media gateway sends a request to application server 110. The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314): [0038]);** and establishing communications between the wireless device and the destination node through the channel identified by the access code **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node*", **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device ,"* the access code reply message including an access code based on the location identifier in the access code request message" which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and

Program Software for The Same" **(Title)** and by **D'Evelyn** in "System and method for unilateral verification of caller location information" **(Title)**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server* ***(see Fig. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Furthermore, the combination does not explicitly disclose: the access code reply message including an access code based on the location identifier in the access code request message.

However, **D'Evelyn**, discloses: the access code reply message including an access code based on the location identifier in the access code request message **(A system and method for members of the public to retrieve and verify the accuracy of emergency response information that is associated with a communication device and would be utilized in an emergency services network should the device be used to summon emergency services. Such information can include location of the origin of a call for emergency services, identification of emergency service providers who would respond to such a call, and/or the level of accuracy of location information that would be provided to an emergency service dispatcher were such device used to summon emergency services: [abstract], [0068]).**

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **D'Evelyn** to the system of **ALBINA and Fukasaku** in order to provide accuracy of location information that would be provided to an emergency service dispatcher **(D'Evelyn, [abstract]).** The motivation would be to improve and enhance emergency service and provide promote response for the service **(D'Evelyn, [abstract]).**

Regarding claim 2, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein transmitting comprises transmitting the access code request message to the access server on a non-voice network **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]).**

Regarding claim 3, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein transmitting comprises transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 4, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein transmitting comprises transmitting the access code request message on a voice network **(fig. 2 where Mobile communication sent request using PSTN 108 network; mobile communication device 102 initiates a voice call (via PSTN 108) to the TDN which terminates at PSTN-to-VoIP gateway 112: [0033]).**

Regarding claim 5, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein transmitting the access code request message on a voice network comprises transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 6, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless Internet Protocol (IP) network **(The application is configured such that requests arrive at the IP address of internetworking function (IWF) 1208. The user@domain (or realm) passed by mobile station 1202 to identify itself as registered is a domain that the Registrar is authoritative for or which it can proxy:[0104]).**

Regarding claim 7, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless device **(The cellular-to-VoIP call establishment process establishes a voice session from originating**

cellular telephone 1002 to a SIP-based VoIP destination client 1014 using a temporary directory number (TDN: [0057]).

Regarding claim 8, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, wherein the location identifier comprises a user- configured identifier of a location associated with the wireless device **(GPS information using a location information notification service system 10 in Fig. 1: [0025], [0034]).**

Regarding claim 9, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein receiving the access code reply message comprises receiving the access code reply message from the access server on a non-voice network **(received over data network; mobile data network 106 in fig. 2).**

Regarding claim 10, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, wherein receiving the access code reply message comprises receiving the access code reply message as a Short Messaging Service (SMS) message **([0050]).**

Regarding claim 11, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein receiving comprises receiving the access code reply message on a voice network **(over PSTN network; fig. 2).**

Regarding claim 12, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein receiving the access code reply message on a voice network comprises receiving the access code reply message as a Short Messaging Service (SMS) message **(the location information of telephone 100 may be calculated and delivered to VoIP adaptor 105 either via wireless link 113 that may include a radio link such as GPRS or SMS or via a connection 137 from the GMLC/MPC server 145: [0051]).**

Regarding claim 13, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein receiving the access code reply message comprises receiving, in the access code reply message, an access code temporarily associated with the destination node identifier **(see fig. 3: a temporary directory number (TDN); element 306; application server 110 receives the data message from the client application and associates the identifier with a temporary directory number (TDN): [0038]).**

Regarding claim 14, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein receiving the access code reply message comprises receiving, in the access code reply message, a telephone number or an Internet Protocol (IP) address **(see fig. 3: a temporary directory number (TDN); element 306; application server 110 receives the data message from the client application and associates the identifier with a temporary directory number (TDN): [0038]).**

Regarding claim 15, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein establishing communications between the wireless device and the destination node comprises engaging a routing controller to route the call on a public switched telephone network (PSTN) or an IP network to the destination node **(fig. 3: Media gateway element 310; At block 310, the media gateway receives or detects the incoming call from mobile communication device 102. At block 312, the media gateway sends a request to application server 110: [0038]).**

Regarding claim 16, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, further comprising: receiving at the access server, the access code request message from the wireless device **(see fig. 1: application server 110 received request from mobile communication device 102 in fig. 1: also fig. 3 element 202, 304);**

causing the access server to communicate with a routing controller to obtain from the routing controller the access code **(see fig. 3: element 310 where application server communicate with a media gateway),** wherein the access code identifies a communications channel associated with the location identifier **(A. Mobile station 1202 registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105])** and wherein the access code is useable by the wireless device in a subsequent communication to cause the routing controller to establish a call to the destination node using the communications channel (**A. Mobile station 1202**

registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105]); and

Causing the access server to transmit the access code reply message to the wireless device **(The partner network media gateway returns the ISUP Answer message (ANM) to the originating MSC. [0162] Y. MSC 1206 brings mobile station 1202 up on voice channel. : [0161]).**

Regarding claim 17, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein transmitting the access code reply message comprises transmitting the access code reply message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 18, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein transmitting the access code reply message comprises transmitting the access code reply message on a voice network **(fig. 2 where Mobile communication sent request using PSTN 108 network; mobile communication**

device 102 initiates a voice call (via PSTN 108) to the TDN which terminates at PSTN-to-VoIP gateway 112: [0033]).

Regarding claim 19, the combination of **Albina, Fukasaku, D'Evelyn** specifically**, Albina** teaches, wherein transmitting the access code reply message on a voice network comprises transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 20, **Albina** teaches **a** wireless apparatus **(aforesaid "wireless apparatus" detail in fig. 1 where mobile communication device 102 (aforesaid "wireless apparatus") communication with VoIP destination device 104 using Wireless Service Provider 116: [0027]))** comprising: means for receiving from a user of the wireless apparatus **(fig 1 element 102)** a destination node identifier associated with a destination node with which the user wishes to communicate **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702);**

and means for receiving an access code reply message from the access server in response to the access code request message **(mobile communication device 102 receives access code reply message from server; Fig. 3 element 306: the client application receives the TDN and initiates a PSTN call to the TDN: [0038]),** the access code identifying a communications channel on a gateway **(see Fig. 11: SIP Gateway 1112)** through which communications between the wireless apparatus **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 7 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; the wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090],** the access code being distinct from the destination node identifier **(TDN number is different that initial contact number; the media gateway sends a request to application server 110. The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN,**

matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314): [0038]); and means for establishing communications between the wireless device and the destination node through the communications channel identified by the access code **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*means for receiving from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate"*, **Albina** appears silent on *"means for transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,"* the access code reply message including an access code based on the location identifier in the access code request message" which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title)** and by **D'Evelyn** in "System and method for unilateral verification of caller location information" **(Title)**

Fukasaku, in the same field of endeavor, discloses: means for *transmitting an access code request message to an access server **(see Fig. 1: PoC Server element 21)** the*

access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

," the access code reply message including an access code based on the location identifier in the access code request message" which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title)** and by **D'Evelyn** in "System and method for unilateral verification of caller location information" **(Title)**

Regarding claim 21, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the transmitting means comprises a non- voice network interface for transmitting the access code request message to the access server on a non-voice network **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]).**

Regarding claim 22, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for transmitting includes means for transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 23, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for transmitting comprises means for transmitting the access code request message on a voice network (**fig. 2 where Mobile communication sent request using PSTN 108 network; mobile communication device 102 initiates a voice call (via PSTN 108) to the TDN which terminates at PSTN-to-VoIP gateway 112: [0033]).**

Regarding claim 24, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for transmitting the access code request message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 25, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless apparatus in a wireless IP network **(The application is configured such that requests arrive at the IP address of internetworking function (IWF) 1208. The user@domain (or realm) passed by mobile station 1202 to identify itself as registered is a domain that the Registrar is authoritative for or which it can proxy:[0104]).**

Regarding claim 26, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless apparatus **(The cellular-to-VoIP call establishment process establishes a voice session from**

originating cellular telephone 1002 to a SIP-based VoIP destination client 1014 using a temporary directory number (TDN: [0057]).

Regarding claim 27, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, wherein the location identifier comprises a user- configured identifier of a location associated with the wireless apparatus **(GPS information using a location information notification service system 10 in Fig. 1: [0025], [0034]).**

Regarding claim 28, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for receiving an access code reply message comprises a non-voice network interface for receiving the access code reply message on a non-voice network **(received over data network; mobile data network 106 in fig. 2).**

Regarding claim 10, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, wherein the means for receiving the access code request message comprises means for receiving the access code request message as a Short Messaging Service (SMS) message **([0050]).**

Regarding claim 30, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for receiving comprises means for receiving the access code request message on a voice network **(over PSTN network; fig. 2).**

Regarding claim 31, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for receiving the access code request message on a voice network comprises means for receiving the access code request message as a Short Messaging Service (SMS) message **(the location information of telephone 100 may be calculated and delivered to VoIP adaptor 105 either via wireless link 113 that may include a radio link such as GPRS or SMS or via a connection 137 from the GMLC/MPC server 145: [0051]).**

Regarding claim 32, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the access code includes a telephone number or an IP address **(see fig. 3: a temporary directory number (TDN); element 306; application server 110 receives the data message from the client application and associates the identifier with a temporary directory number (TDN): [0038]).**

Regarding claim 33, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for establishing communications comprises a mobile telephone network interface **(mobile communication device 102 has a wireless interface to communicate with mobile network in fig. 1).**

Regarding claim 34, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches,

a routing controller **(gateway has a routing controller);** and

the access server , wherein an access server comprising:

means for receiving from the wireless apparatus the access code request message **(see fig. 1: application server 110 received request from mobile communication device 102 in fig. 1: also fig. 3 element 202, 304);**

means for communicating with the routing controller to obtain from the routing controller the access code **(see fig. 3: element 310 where application server communicate with a media gateway)** wherein the access code identifies a communications channel associated with the location identifier **(A. Mobile station 1202 registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105])** and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel **(A. Mobile station 1202 registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105]);** and means for transmitting the access code reply message including the access code to the wireless apparatus **(The partner network media gateway returns the ISUP Answer message (ANM) to the originating MSC. [0162] Y. MSC 1206 brings mobile station 1202 up on voice channel. : [0161]).**

Regarding claim 35, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 36, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message on a voice network **(fig. 2 where Mobile communication sent request using PSTN 108 network; mobile communication device 102 initiates a voice call (via PSTN 108) to the TDN which terminates at PSTN-to-VoIP gateway 112: [0033]).**

Regarding claim 37, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the means for transmitting the access code reply message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A.**

Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).

Regarding claim 38, **Albina** teaches A wireless apparatus **(aforesaid "wireless apparatus" detail in fig. 1 where mobile communication device 102 (aforesaid "wireless apparatus") communication with VoIP destination device 104; see Fig. 6: mobile communication device 102; (aforesaid Wireless Service Provider 116; a communication system 100 for enabling a mobile communication device 102 (e.g., a cellular telephone or other wireless device) to initiate and establish communication with a VoIP destination device 104. Communication system 100 provides the communication infrastructure for implementing unique cellular-to-VoIP call establishment processes. The call establishment process is from the cellular or wireless end (mobile communication device 102) to the VoIP end (VoIP destination device 104). In other words, the cellular-to-VoIP call establishment processes enable the user of a cellular or wireless telephone (or other mobile communication device) to place a call to a VoIP destination device: [0027]))** comprising:

a processor circuit comprising at least one processor **(see Fig. 6: processor 614);**

a network interface in communication with the processor circuit **(see Fig. 6: wireless transceiver 616 which communicate with processor 614);** and

a non-transitory computer readable medium **(see Fig. 6: memory 618)** having computer executable codes stored thereon for directing the processor circuit to

cooperate with the network interface to **(memory instruct processor to communicate with wireless transceiver 616: memory 618 comprises specially-configured logic (i.e., cellular-to-VoIP call establishment module 600) and a list 620 of contacts. Module 600 comprises the logic for implementing the cellular-to-VoIP call establishment process on mobile communication device 102: [0042]):**

receive from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702);** receive an access code reply message from the access server in response to the access code request message **(mobile communication device 102 receives access code reply message from server; Fig. 3 element 306: the client application receives the TDN and initiates a PSTN call to the TDN: [0038]),**

the access code identifying a communications channel on a gateway **(see Fig. 11: SIP Gateway 1112)** through which communications between the wireless apparatus **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 4 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged**

to a connection with VoIP destination device 104: [0046]; The wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090],

The access code being distinct from the destination node identifier **(TDN number is different that initial contact number; the media gateway sends a request to application server 110. The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314): [0038])**; and establish communications between the wireless device and the destination node through the communications channel identified by the access code **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node"*, **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,"* the access code reply message including

an access code based on the location identifier in the access code request message" which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title)** and by **D'Evelyn** in "System and method for unilateral verification of caller location information" **(Title)**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server* ***(see Fig. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Furthermore, the combination does not explicitly disclose: the access code reply message including an access code based on the location identifier in the access code request message.

However, **D'Evelyn**, discloses: the access code reply message including an access code based on the location identifier in the access code request message **(A system and method for members of the public to retrieve and verify the accuracy of emergency response information that is associated with a communication device and would be utilized in an emergency services network should the device be used to summon emergency services. Such information can include location of the origin of a call for emergency services, identification of emergency service providers who would respond to such a call, and/or the level of accuracy of location information that would be provided to an emergency service dispatcher were such device used to summon emergency services: [abstract], [0068]).**

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **D'Evelyn** to the system of **ALBINA and Fukasaku** in order to provide accuracy of location information that would be provided to an emergency service dispatcher **(D'Evelyn, [abstract]).** The motivation would be to improve and enhance emergency service and provide promote response for the service **(D'Evelyn, [abstract]).**

Regarding claim 39, the claim is interpreted and rejected for the same reason as set forth in **claim 2.**

Regarding claim 40, the claim is interpreted and rejected for the same reason as set forth in **claim 3.**

Regarding claim 41, the claim is interpreted and rejected for the same reason as set forth in **claim 4.**

Regarding claim 42, the claim is interpreted and rejected for the same reason as set forth in **claim 5.**

Regarding claim 43, the claim is interpreted and rejected for the same reason as set forth in **claim 6.**

Regarding claim 44, the claim is interpreted and rejected for the same reason as set forth in **claim 7.**

Regarding claim 45, the claim is interpreted and rejected for the same reason as set forth in **claim 8.**

Regarding claim 46, the claim is interpreted and rejected for the same reason as set forth in **claim 9.**

Regarding claim 47, the claim is interpreted and rejected for the same reason as set forth in **claim 6.**

Regarding claim 48, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, wherein the network interface comprises a mobile telephone network interface, and wherein the codes for directing the processor circuit to establish communications between the wireless device and the destination node to include codes for directing the processor circuit to cause a call to be initiated using the mobile telephone network interface on a mobile telephone network **(see fig. 1 TERMINAL Device A communicate with TERMINAL DEVICE D using VoIP NETWORK and wireless network).**

Regarding claim 49, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, further comprising: a routing controller **(gateway has a routing controller**; and

an access server comprising a processor circuit and a computer readable medium in communication with the processor circuit, the computer readable medium encoded with codes for directing the processor circuit of the access server to:

receive the access code request message from the wireless apparatus **(see fig. 1: application server 110 received request from mobile communication device 102 in fig. 1: also fig. 3 element 202, 304);** communicate with the routing controller to obtain from the routing controller the access code wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel **A. Mobile station 1202**

registers with registrar /location server 1210 through PDSN/SGSN (e.g., PDSN 1204). This occurs on application start and reoccurs every "Expires" (see c. below) seconds: [0105]); and transmit the access code reply message to the wireless apparatus **(The partner network media gateway returns the ISUP Answer message (ANM) to the originating MSC. [0162] Y. MSC 1206 brings mobile station 1202 up on voice channel. : [0161]).**

Regarding claim 50, **Albina** teaches a non-transitory computer readable medium having stored thereon computer executable codes for directing a processor circuit of a wireless device to establish communications with a destination node on a network **(aforesaid Wireless Service Provider 116; a communication system 100 for enabling a mobile communication device 102 (e.g., a cellular telephone or other wireless device) to initiate and establish communication with a VoIP destination device 104. Communication system 100 provides the communication infrastructure for implementing unique cellular-to-VoIP call establishment processes. The call establishment process is from the cellular or wireless end (mobile communication device 102) to the VoIP end (VoIP destination device 104). In other words, the cellular-to-VoIP call establishment processes enable the user of a cellular or wireless telephone (or other mobile communication device) to place a call to a VoIP destination device: [0027])**, the codes comprising codes for directing the processor circuit to :

cause the wireless device to receive from a user of the wireless device a destination node identifier associated with the destination node **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702);** the access code reply identifying a communications channel on a gateway **(see Fig. 11: SIP Gateway 1112)** through which communications between the wireless device **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 4 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; The wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090],**

the access code being distinct from the destination node identifier **(TDN number is different that initial contact number; the media gateway sends a request to application server 110. The media gateway may provide information associated**

with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314): [0038]);
and cause the wireless device to establish communications between the wireless device and the destination node through the communications channel identified by the access code **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node"*, **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device, ,"* the access code reply message including an access code based on the location identifier in the access code request message" which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title)** and by **D'Evelyn** in "System and method for unilateral verification of caller location information" **(Title)**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server **(see Fig. 1: PoC Server element 21)** the access*

code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Furthermore, the combination does not explicitly disclose: the access code reply message including an access code based on the location identifier in the access code request message.

However, **D'Evelyn**, discloses: the access code reply message including an access code based on the location identifier in the access code request message **(A system and method for members of the public to retrieve and verify the accuracy of emergency response information that is associated with a communication device and would be utilized in an emergency services network should the device be**

used to summon emergency services. Such information can include location of the origin of a call for emergency services, identification of emergency service providers who would respond to such a call, and/or the level of accuracy of location information that would be provided to an emergency service dispatcher were such device used to summon emergency services: [abstract], [0068]).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **D'Evelyn** to the system of **ALBINA and Fukasaku** in order to provide accuracy of location information that would be provided to an emergency service dispatcher **(D'Evelyn, [abstract]).** The motivation would be to improve and enhance emergency service and provide promote response for the service **(D'Evelyn, [abstract]).**

Regarding claim 51, the claim is interpreted and rejected for the same reason as set forth in **claim 1.**

Regarding claim 52, the claim is interpreted and rejected for the same reason as set forth in **claim 2.**

Regarding claim 53, the claim is interpreted and rejected for the same reason as set forth in **claim 3.**

Regarding claim 54, the claim is interpreted and rejected for the same reason as set forth in **claim 4.**

Regarding claim 55, the claim is interpreted and rejected for the same reason as set forth in **claim 5.**

Regarding claim 56, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the routing controller is operably configured to route a call between the wireless device and the destination node when the wireless device uses the access code to establish communications between the wireless device and the destination node **(see fig. 2 where PSTN-TO-VoIP Gateway 112 router the call from mobile communication device 102 to VoIP destination device 104: PSTN-to-VoIP gateway 112 detects the incoming call to the TDN and, in response, sends a query to application server 110 requesting the unique identifier associated with the TDN. At reference E, application server 110 sends an invite message to VoIP destination device 104: [0033]).**

Regarding claim 57, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, FUKASAKU teaches**, wherein causing the routing controller to produce the access code comprises causing the access code to be selected from a pool of access codes **(see fig. 1 where mobile communicate device 102 make a call to mobile network 116; G. MSC 1104 launches an IAM based on its routing tables to the VoIP network provider soft switch (e.g., IP service provider soft switch 1110): [0091])**.

Regarding claim 58, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, FUKASAKU** teaches, further comprising determining from the location identifier a local calling area associated with the wireless device and causing the access server to select an access code associated with a calling area matching the local calling area associated with the wireless device **(Multiple individual numbers may be used dependent on the country of operation with police, fire, ambulance, civil defense, and public utilities known as common examples of these alternate emergency services numbers: [0013]).**

Regarding claim 59, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, further comprising accessing a location field of a dialing profile associated with the wireless device when a local calling area cannot be determined from the location identifier and determining a local calling area associated with the wireless device from the contents of the location field and selecting an access code associated with a calling area matching the local calling area associated with the wireless device **(local call: [0024]).**

Regarding claim 60, the claim is interpreted and rejected for the same reason as set forth in **claim 6.**

Regarding claim 61, the claim is interpreted and rejected for the same reason as set forth in **claim 7.**

Regarding claim 62, the claim is interpreted and rejected for the same reason as set forth in **claim 8.**

Regarding claim 63, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted **(see fig. 1 where mobile communicate device 102 make a call to mobile network 116; G. MSC 1104 launches an IAM based on its routing tables to the VoIP network provider soft switch (e.g., IP service provider soft switch 1110): [0091])**.

Regarding claim 64, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, further comprising enabling communications between the wireless device and the destination node to be established through an IP network in response to a call received at the IP network address from the wireless device using the access code identifying the IP network address **(Mobile Data network 116).**

Regarding claim 65, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein at least one of the access codes identifies a telephone number

as a possible communications channel through which the communications can be conducted **(telephone number; abstract).**

Regarding claim 66, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, further comprising enabling communications between the wireless device and the destination node to be established through a public switched telephone network (PSTN) in response to a call received at the telephone number from the wireless device using the access code identifying the telephone number **(see Fig. 2: PSTN network 108).**

Regarding claim 67, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, wherein the access code request message includes a caller identifier and wherein the method further comprises associating the caller identifier included in the access code request message with the access code produced by the routing controller **(identifying a temporary directory number (TDN): [abstract]).**

Regarding claim 68, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, further comprising enabling the routing controller to facilitate communications in response to use of the access code by the wireless device only if the caller identifier associated with the access code used by the wireless device to establish communications with the destination node identifies the wireless device **(see fig. 4:**

SEND TDN to the Mobile phone: application server 110 sends the TDN to mobile communication device 102: [0039]).

Regarding claim 69, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, further comprising associating the destination node identifier included in the access code request message with the access code produced by the routing controller **(see fig. 7: element 708: module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]).**

Regarding claim 70, the combination of **Albina, Fukasaku, D'Evelyn** specifically**, Albina** teaches, wherein the associating the caller identifier and the destination node identifier with the selected access code occurs only when: a) the access code is not already associated with a destination node identifier; or b) the access code is already associated with another destination node identifier, and a timeout value associated with the another destination node identifier has expired **(A business-rule-defined timer may be set and the client application (on originating cellular phone 1002) configured to await a call to the TDN. : [0060]).**

Regarding claim 71, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, further comprising causing a timestamp to be associated with the access code, for use in determining when the usability of the access code to initiate a

call to the destination node will expire, and causing the timestamp to be included in the access code reply message transmitted to the wireless device **(A business-rule-defined timer may be set and the client application (on originating cellular phone 1002) configured to await a call to the TDN. : [0060]).**

Regarding claim 72, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Albina** teaches, further comprising causing communications to be permitted between the wireless device and the destination node when the wireless device seeks to establish a call to the destination node using the access code transmitted in the access code reply message when the timestamp associated with the access code indicates the usability of the access code has not expired, and causing the communications to be prevented when the timestamp indicates the usability of the access code has expired **(A business-rule-defined timer may be set and the client application (on originating cellular phone 1002) configured to await a call to the TDN. : [0060]).**

Regarding claim 73, the claim is interpreted and rejected for the same reason as set forth in **claim 2.**

Regarding claim 74, the claim is interpreted and rejected for the same reason as set forth in **claim 3.**

Regarding claim 75, the claim is interpreted and rejected for the same reason as set forth in **claim 4.**

Regarding claim 76, the claim is interpreted and rejected for the same reason as set forth in **claim 5.**

Regarding claim 77, the claim is interpreted and rejected for the same reason as set forth in **claim 1.**

Regarding claim 74-81, the claim is interpreted and rejected for the same reason as set forth in **claim 2-5** respectively

Regarding claim 82, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, further comprising the routing controller and wherein routing controller is operably configured to route a call between the wireless device and the destination node **(.See Fig. 1: call routing through VoIP network)**

Regarding claim 83, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, wherein the routing controller is operably configured to select the access code from a pool of access codes **(see fig. 1 where mobile communicate device 102 make a call to mobile network 116; G. MSC 1104 launches an IAM based on its routing tables to the VoIP network provider soft switch (e.g., IP service provider soft switch 1110): [0091])**.

Regarding claim 84, the claim is interpreted and rejected for the same reason as set forth in **claim 59.**

Regarding claim 85, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, Fukasaku** teaches, a dialing profile associated with the wireless device, the dialing profile including a location field (**BTS 115 may include a location component 120 implemented thereon. Location component 120 may include network based location technologies that may provide the location of a wireless transceiver 320 implemented in VoIP adapter 105: [0028]);** and wherein the routing controller is operably configured to determine a local calling area associated with the wireless device from the contents of the location field and to select an access code associated with a calling area matching the local calling area associated with the wireless device, when a local calling area associated with the wireless device cannot be determined from the location identifier **(sensing request using mobile data network 106; mobile communication device 102 providing a data message to mobile data network 106, which is delivered to application server 110: [0033]; A. Originating cellular phone 1002 sends a data message using, for example, 1XRTT, WAP, SMS, etc. to an SIP application service (application server 1006): [0058]).**

Regarding claim 86-88, the claim is interpreted and rejected for the same reason as set forth in **claim 25-27.**

Regarding claim 89-102, the claim is interpreted and rejected for the same reason as set forth in **claim 63-76.**

Regarding claim 103, **Albina** teaches an apparatus **(see Fig.1: Application Server 110)** for enabling a wireless device **(aforesaid mobile device 102)** to establish communications with a destination node **(aforesaid VoIP Destination Device 104) (aforesaid Wireless Service Provider 116; a communication system 100 for enabling a mobile communication device 102 (e.g., a cellular telephone or other wireless device) to initiate and establish communication with a VoIP destination device 104. Communication system 100 provides the communication infrastructure for implementing unique cellular-to-VoIP call establishment processes. The call establishment process is from the cellular or wireless end (mobile communication device 102) to the VoIP end (VoIP destination device 104). In other words, the cellular-to-VoIP call establishment processes enable the user of a cellular or wireless telephone (or other mobile communication device) to place a call to a VoIP destination device: [0027])**, the apparatus comprising:
a processor circuit including at least one processor **(Application server must have a processor);** a network interface in communication with the processor circuit **(must have network interface, See ARROW in both direction in Fig. 1 and Fig. 2);** and a non-transitory computer readable medium having stored thereon computer executable codes for directing the at least one processor to:

receive from the wireless device **(mobile communication device 102)** an access code request message including a destination node identifier associated with the destination node **(see fig. element 304: At block 304, the client application (aforesaid "mobile communication device 102") determines that the "name" represents a VoIP subscriber, and then sends a data message to application server 110. The data message identifies the VoIP destination with whom the user wants to establish a session: [0037])**;

cause a routing controller **(see Fig. 11: SIP Gateway 1112)** to produce an access code identifying a communications channel on a gateway through which communications between the wireless device **(Fig. 1: element 102: Mobile communication Device 102, Element 1102 in Fig. 11)** and the destination node **(Fig. 1: element 104: VoIP Destination Device 104, element 1116 in Fig. 11)** can be conducted **(see fig. 4 element 706, 708: At block 706, module 600 receives a reply message from application server 110, which contains a TDN. At block 708, module 600 triggers a PSTN call to the TDN. If the VoIP destination is available, at block 710, the PSTN call may be answered and bridged to a connection with VoIP destination device 104: [0046]; The wireless operator's IP network element routes the response to mobile station 1102 (aforesaid Mobile Communication Device 102 in Fig. 1). The client application (which is installed in Mobile Communication Device 102) retrieves the VoIP network provider E.164 number and places a traditional wireless telephony call to the E.164 number. The voice channel is assigned to mobile station 1102: [0087-[0090]**,

in response to receiving the access code request message, and such that the access code is useable by the wireless device to initiate communications with the destination node through the communications channel **(see fig. 3 element 310, 312, 314: The media gateway may provide information associated with the TDN to application server 110. Application server 110 receives the TDN, matches it to the corresponding identifier associated with the VoIP destination, and returns the identifier to the media gateway (block 314).: [0038]);** and transmit an access code reply message including the access code to the wireless device **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node*", **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device; such that the access code is produced based on the location identifier of the access code request message received from an area code associated with the wireless device* " which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title)** and by **D'Evelyn** in "System and method for unilateral verification of caller location information" **(Title).**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server* ***(see Fig. 1: PoC Server element 21)*** *the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device* ***(see Fig. 1: terminal device A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).***

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Furthermore, the combination does not explicitly disclose: *such that the access code is produced based on the location identifier of the access code request message received from an area code associated with the wireless device.*

However, **D'Evelyn**, discloses: *such that the access code is produced based on the location identifier of the access code request message received from an area code*

associated with the wireless device **(A system and method for members of the public to retrieve and verify the accuracy of emergency response information that is associated with a communication device and would be utilized in an emergency services network should the device be used to summon emergency services. Such information can include location of the origin of a call for emergency services, identification of emergency service providers who would respond to such a call, and/or the level of accuracy of location information that would be provided to an emergency service dispatcher were such device used to summon emergency services: [abstract], [0068]).**

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **D'Evelyn** to the system of **ALBINA and Fukasaku** in order to provide accuracy of location information that would be provided to an emergency service dispatcher **(D'Evelyn, [abstract]).** The motivation would be to improve and enhance emergency service and provide promote response for the service **(D'Evelyn, [abstract]).**

Regarding claim 130, **Albina** teaches **a** method **(aforesaid "method" details in fig. 1 where mobile communication device 102 communicate with VoIP destination device 104 using wireless network 116)** for enabling a wireless device **(aforesaid mobile device 102)** to establish communications with a destination node **(aforesaid VoIP Destination Device 104)**, the method comprising:

receiving a request message including a destination node identifier associated with the destination node and a location identifier associated with a geographical location of the wireless device **(mobile communication device 102 receives contact information to contact VoIP Destination device 104 from a user of mobile communication device 102; Fig. 3: element 302; also fig 7 element 702)**,

transmitting a reply message including the access code to the wireless device **(See Fig. 3: element 316: the media gateway establishes a session between mobile communication device 102 and VoIP destination device 104: [0038] last two lines).**

Albina, when teaching "*receiving from a user of the wireless device a destination node identifier associated with the destination node"*, **Albina** appears silent on *"transmitting an access code request message to an access server the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device,"* which however had been known in the art at the time of instant application such as shown by **Fukasaku** in "Mobile Communication System, Telephone Calling Method and Program Software for The Same" **(Title).**

Fukasaku, in the same field of endeavor, discloses: *transmitting an access code request message to an access server **(see Fig. 1: PoC Server element 21)** the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device **(see Fig. 1: terminal device***

A element 41 transmits "packet information contains a session start request which include destination telephone or destination group ID and location information data of the terminal device A to the POC Server 21: [0034]).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to provide the technique of **Fukasaku** to the system of **ALBINA** in order to provide a source portable terminal location information and identifying the destination user to server **(Fukasaku, [abstract]).** The motivation would be to improve and enhance identifying caller location after receiver receive a call **(Fukasaku, [0008]-[0009]).**

Regarding claim 131, the claim is interpreted and rejected for the same reason as set forth in **claim 121.**

Regarding claim 132, the claim is interpreted and rejected for the same reason as set forth in **claim 14.**

Regarding claim 133, the claim is interpreted and rejected for the same reason as set forth in **claim 15.**

Regarding claim 134, the combination of **Albina, Fukasaku, D'Evelyn,** specifically**, FUKASAKU** teaches, wherein causing the routing controller to produce the access code further comprises: determining, from the location identifier, a current location of the

wireless device; and searching an access code association database table to identify an access code associated with the current location of the wireless device, but not presently associated with communications to any destination node, to produce the access code transmitted in the access code reply message (**VoIP adapter 105 may be automatically located and the location conveyed to the Emergency Services operator: [0024); The location information received at the MPC/GMLC server 145 via data network 135 may be transferred to ALI database 150. ALI database 150 may map the location information received from MPC/GMLC server 145 to an address indexed therein. The address may then be transmitted from ALI database 150 to call terminal 140 where it may be dispatched to the appropriate emergency service providers: [0041]).**

Regarding claim 104-116, the claim is interpreted and rejected for the same reason as set forth in **claim 2-10.**

Regarding claim 117-124, the claim is interpreted and rejected for the same reason as set forth in **claim 65-72.**

Regarding claim 125-128, the claim is interpreted and rejected for the same reason as set forth in **claim 2-5.**

Regarding claim 129, the claim is interpreted and rejected for the same reason as set forth in **claim 103.**

Regarding claim 129, the claim is interpreted and rejected for the same reason as set forth in **claim 103.**

Regarding claim 135, the combination of **Albina, Fukasaku, D'Evelyn,** specifically, **Fukasaku** teaches, wherein the access code request message is transmitted from the wireless device via a WiFi network and the access code reply message is received by the wireless device via the WiFi network (WiFi network/cellular network: [0001], [0009])

Regarding claim 136, the combination of **Albina, Fukasaku, D'Evelyn,** specifically, **D'Evelyn** teaches,, wherein the destination node identifier and the location identifier are transmitted at the same time **([abstract]).**

Regarding claim 137, the combination of **Albina, Fukasaku, D'Evelyn,** specifically, **D'Evelyn** teaches,, wherein the access code is based on an area code corresponding with a location identified by the location identifier **([abstract]).**

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to M MOSTAZIR RAHMAN whose telephone number is (571)272-4785. The examiner can normally be reached on 8:00 to 16:30 PST. Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Lai can be reached on 571-272-9741. 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.

/M MOSTAZIR RAHMAN/
Examiner, Art Unit 2411

/Andrew Lai/
Supervisory Patent Examiner, Art Unit 2411

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 8	Attorney Docket No.	DIGIF.004C1

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Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	19	Canadian Office Action dated March 31, 2017 for Canadian Patent Application No. CA 2,916,220.	

Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. 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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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./

PTO/SB/08 Equivalent

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	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 2 OF 8	Attorney Docket No.	DIGIF.004C1

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Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

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PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 3 OF 8	Attorney Docket No.	DIGIF.004C1

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Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

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	Art Unit	2411
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SHEET 4 OF 8	Attorney Docket No.	DIGIF.004C1

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	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 5 OF 8	Attorney Docket No.	DIGIF.004C1

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	First Named Inventor	Björsell, Johan Emil Viktor
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	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
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	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
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SHEET 8 OF 8	Attorney Docket No.	DIGIF.004C1

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SHEET 1 OF 10	Attorney Docket No.	DIGIF.004C1

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Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	13	**DOCUMENT TITLE:** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; Case No. IPR2017-01399-815; U.S. Patent No. 8,542,815; **PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,542,815;** Dated May 9, 2017, 63 pages	
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	23	**DOCUMENT TITLE:** IN THE UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; AT&T Services, Inc., Petitioner v. Digifonica (International) Limited Patent Owner, Case No. IPR2017-01382; U.S. Patent No. 8,542,815; **PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,542,815;** Dated May 8, 2017, 84 pages	
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Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

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	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 3 OF 10	Attorney Docket No.	DIGIF.004C1

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SHEET 4 OF 10	Attorney Docket No.	DIGIF.004C1

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	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 5 OF 10	Attorney Docket No.	DIGIF.004C1

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	68	**PETITIONER AT&T Services, Inc. EXHIBIT 1012**, Case No. IPR2017-01382; Telcordia Notes on the Networks, SR-2275, Issue 4, October 2000, page 10-7, 3 pages.	
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	70	**PETITIONER AT&T Services, Inc. EXHIBIT 1003**, UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; AT&T Services, Inc., Petitioner v. Digifonica (International) Limited Patent Owner, U.S. Patent No. 9,179,005, *Inter Partes* Review No. IPR2017-01383; **DECLARATION OF JAMES BRESS IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW of U.S. Patent No. 9,179,005;** with APPENDICES A through II, 2094 pages. ***APPENDICES A through II are identical to those previously listed hereinabove as cite nos. 25-59.***	
	71	**PETITIONER AT&T Services, Inc. EXHIBIT 1004**, Case No. IPR2017-01383; James R. Bress, Curriculum Vitae, 26 pages.	
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	78	**DOCUMENT TITLE:** IN THE UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; AT&T Services, Inc., Petitioner v. Digifonica (International) Limited Patent Owner, Case No. IPR2017-01384; U.S. Patent No. 9,179,005; **PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 9,179,005;** Dated May 7, 2017, 70 pages	

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	Art Unit	2411
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SHEET 6 OF 10	Attorney Docket No.	DIGIF.004C1

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	80	**PETITIONER AT&T Services, Inc. EXHIBIT 1004**, Case No. IPR2017-01384; James R. Bress, Curriculum Vitae, 26 pages.	
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	85	**PETITIONER AT&T Services, Inc. EXHIBIT 1009**, Case No. IPR2017-01384; page 221 and Chapter 11, Telecommunications Essentials, Lillian Goleniewski, © 2002, 44 pages.	
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	88	**PETITIONER AT&T Services, Inc. EXHIBIT 1012**, Case No. IPR2017-01384; Telcordia Notes on the Networks, SR-2275, Issue 4, October 2000, page 10-7, 3 pages.	
	89	**DOCUMENT TITLE:** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; Case No. IPR2016-01201; Patent No. 8,542,815; **PETITIONER'S REPLY TO PATENT OWNER'S RESPONSE,** Dated May 17, 2017, 34 pages	
	90	**PETITIONER APPLE INC. EXHIBIT 1007,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01201; Patent No. 8,542,815; Discovery Deposition of **WILLIAM HENRY MANGIONE-SMITH**, taken on April 19, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 213 pages.	

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	92	**PETITIONER APPLE INC. EXHIBIT 1009,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01201; Patent No. 8,542,815; Discovery Deposition of **DAVID TERRY**, taken on March 24, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 95 pages.	
	93	**PETITIONER APPLE INC. EXHIBIT 1010,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01201; Patent No. 8,542,815; Discovery Deposition of **CLAY PERREAULT**, taken on April 12, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 118 pages.	
	94	**PETITIONER APPLE INC. EXHIBIT 1011,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01201; Patent No. 8,542,815; COMPLAINT FOR PATENT INFRINGEMENT [JURY DEMAND], UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, CASE NO. 2:16-CV-00260, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff, v. APPLE, INC., a California corporation, Defendants, filed February 9, 2016, 8 pages.	
	95	**PETITIONER APPLE INC. EXHIBIT 1012,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01201; Patent No. 8,542,815; Discovery Deposition of **JOHAN EMIL VIKTOR BJORSELL**, taken on March 24, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 204 pages.	
	96	**PETITIONER APPLE INC. EXHIBIT 1013,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01201; Patent No. 8,542,815; Letter dated April 21, 2017 *to* Adam P. Seitz et al., ERISE IP, P.A., re: IPR2016-01198 & IPR1026-01201, "Pursuant to the Board Order of April 19, 2017 (Paper 28) ... " *from* Kerry Taylor, KNOBBE, MARTENS, OLSON & BEAR, LLP, 1 page.	
	97	**PETITIONER APPLE INC. EXHIBIT 1014,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01201; Patent No. 8,542,815; Email dated May 1, 2017 *to* Adam P. Seitz et al., ERISE IP, P.A., re: IPR2016-01198 & IPR1026-01201 - Fuad Arafa, *from* Kerry Taylor, KNOBBE, MARTENS, OLSON & BEAR, LLP, 2 pages.	
	98	**DOCUMENT TITLE:** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; **PETITIONER'S REPLY TO PATENT OWNER'S RESPONSE, Paper 34,** Dated May 17, 2017, 33 pages	
	99	**PETITIONER APPLE INC. EXHIBIT 1010,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; Discovery Deposition of **WILLIAM HENRY MANGIONE-SMITH**, taken on April 19, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 213 pages.	

Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

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T[1] - Place a check mark in this area when an English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 8 OF 10	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	100	**PETITIONER APPLE INC. EXHIBIT 1011,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; Discovery Deposition of **JOHN RUTTER**, taken (by phone) on April 5, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 43 pages.	
	101	**PETITIONER APPLE INC. EXHIBIT 1012,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; Discovery Deposition of **DAVID TERRY**, taken on March 24, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 95 pages.	
	102	**PETITIONER APPLE INC. EXHIBIT 1013,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; Discovery Deposition of **CLAY PERREAULT**, taken on April 12, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 118 pages.	
	103	**PETITIONER APPLE INC. EXHIBIT 1014,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; COMPLAINT FOR PATENT INFRINGEMENT [JURY DEMAND], UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, CASE NO. 2:16-CV-00260, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff, v. APPLE, INC., a California corporation, Defendants, filed February 9, 2016, 8 pages.	
	104	**PETITIONER APPLE INC. EXHIBIT 1015,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; Discovery Deposition of **JOHAN EMIL VIKTOR BJORSELL,** taken on March 24, 2017 in Case No. IPR2016-01198; Patent No. 9,179,005, 204 pages.	
	105	**PETITIONER APPLE INC. EXHIBIT 1016,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; Letter dated April 21, 2017 *to* Adam P. Seitz et al., ERISE IP, P.A., re: IPR2016-01198 & IPR1026-01201, "Pursuant to the Board Order of April 19, 2017 (Paper 28) ... " *from* Kerry Taylor, KNOBBE, MARTENS, OLSON & BEAR, LLP, 1 page.	
	106	**PETITIONER APPLE INC. EXHIBIT 1017,** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner; Case No. IPR2016-01198; Patent No. 9,179,005; Email dated May 1, 2017 *to* Adam P. Seitz et al., ERISE IP, P.A., re: IPR2016-01198 & IPR1026-01201 - Fuad Arafa, *from* Kerry Taylor, KNOBBE, MARTENS, OLSON & BEAR, LLP, 2 pages.	
	107	**DOCUMENT TITLE:** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM.INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815; **PATENT OWNER OBJECTIONS TO APPLE EVIDENCE SERVED WITH PETITIONER'S REPLY,** Filed on behalf of Patent Owner Voip-Pal.com Inc., Filed: May 24, 2017, 6 pages.	

Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 9 OF 10	Attorney Docket No.	DIGIF.004C1

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	108	**DOCUMENT TITLE:** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner v. VOIP-PAL.COM.INC., Patent Owner, Case No. IPR2016-01198, U.S. Patent 9,179,005; **PATENT OWNER OBJECTIONS TO APPLE EVIDENCE SERVED WITH PETITIONER'S REPLY,** Filed on behalf of Patent Owner Voip-Pal.com Inc., Filed: May 24, 2017, 6 pages.	
	109	**PETITIONER'S REQUEST FOR ORAL ARGUMENT**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, Patent 8,542,815, dated June 14, 2017, 4 pages.	
	110	**PATENT OWNER SUR-REPLY IN RESPONSE TO PETITIONER'S REPLY**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, Patent 8,542,815, dated June 14, 2017, 8 pages.	
	111	**PATENT OWNER REQUEST FOR ORAL ARGUMENT**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, Patent 8,542,815, dated June 14, 2017, 4 pages.	
	112	**PATENT OWNER MOTION TO EXCLUDE,** UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, Patent 8,542,815, dated June 14, 2017, 18 pages.	
	113	**Voip-Pal Ex. 2052, IPR2016-01201**, Apple Inc. vs. Voip-Pal.com, Inc., Reporter's Transcript of Telephonic Hearing, June 07, 2017, 16 sheets.	
	114	**PETITIONER'S REQUEST FOR ORAL ARGUMENT**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01198, Patent 9,179,005, dated June 14, 2017, 4 pages.	
	115	**PATENT OWNER SUR-REPLY IN RESPONSE TO PETITIONER'S REPLY**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01198, Patent 9,179,005, dated June 14, 2017, 8 pages.	
	116	**PATENT OWNER REQUEST FOR ORAL ARGUMENT**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01198, Patent 9,179,005, dated June 14, 2017, 4 pages.	
	117	**PATENT OWNER MOTION TO EXCLUDE,** UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01198, Patent 9,179,005, dated June 14, 2017, 18 pages.	
	118	**Voip-Pal Ex. 2052, IPR2016-01198**, Apple Inc. vs. Voip-Pal.com, Inc., Reporter's Transcript of Telephonic Hearing, June 07, 2017, 16 sheets.	
	119	**ORDER**, *Conduct of Proceeding, 37 C.F.R. § 42.5*, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner, v. VOIP-PAL.COM INC., Patent Owner, Cases IPR2016-01198 *and* IPR2016-01201, Patents 9,179,005 B2 *and* 8,542,815 B2, Paper No. 37, Filed: June 13, 2017, 3 pages.	

Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 10 OF 10	Attorney Docket No.	DIGIF.004C1

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	120	**Voip-Pal Ex. 2053,** IPR2016-01198, **Apple Inc. vs. Voip-Pal.com, Inc., Reporter's Transcript of Telephonic Hearing**, June 20, 2017, 25 pages.	
	121	**Voip-Pal Ex. 2053,** IPR2016-01201, **Apple Inc. vs. Voip-Pal.com, Inc., Reporter's Transcript of Telephonic Hearing**, June 20, 2017, 25 pages.	
	122	ORDER, *Conduct of Proceeding*, 37 C.F.R. § 42.5, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRAIL AND APPEAL BOARD, APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner. Cases IPR2016-01198 and IPR2016-01201, Patents 9,179,005 B2 and 8,542,815 B2, Paper No. 43, Filed: June 22, 2017, 4 pages.	
	123	ORDER, *Trial Hearing*, 37 C.F.R. § 42.70, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRAIL AND APPEAL BOARD, APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner. Cases IPR2016-01198 and IPR2016-01201, Patents 9,179,005 B2 and 8,542,815 B2, Paper No. 45, Filed: June 26, 2017, 4 pages.	
	124	**PETITIONER'S OPPOSITION TO PATENT OWNER'S MOTION TO EXCLUDE**, UNTED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, Patent 8,542,815, Date: June 26, 2017, 15 pages.	
	125	**PETITIONER'S OPPOSITION TO PATENT OWNER'S MOTION TO EXCLUDE**, UNTED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01198, Patent 9,179,005, Date: June 26, 2017, 15 pages.	
	126	**PATENT OWNER REPLY TO OPPOSITION TO MOTION TO EXCLUDE**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner, Case No. IPR 2016-01198, U.S. Patent 9,179,005, Filed: July 3, 2017, 8 pages.	
	127	**PATENT OWNER REPLY TO OPPOSITION TO MOTION TO EXCLUDE**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner, Case No. IPR 2016-01201, U.S. Patent 8,542,815, Filed: July 3, 2017, 8 pages.	
	128	**Voip-Pal Ex. 2054,** IPR2016-01198, **Voip-PAL's Demonstratives For Oral Hearing**, APPLE INC. v. VOIP-PAL.COM, INC., Case IPR2016-01201 (Patent 8,542,815), Case IPR2016-01198 (Patent 9,179,005), July 20, 2017, 34 pages	
	129	**Voip-Pal Ex. 2054,** IPR2016-01201, **Voip-PAL's Demonstratives For Oral Hearing**, APPLE INC. v. VOIP-PAL.COM, INC., Case IPR2016-01201 (Patent 8,542,815), Case IPR2016-01198 (Patent 9,179,005), July 20, 2017, 34 pages	
	130	**Petitioner Apple Inc. Ex. 1018,** Petitioner's Demonstrative Exhibits, *INTER PARTES* REVIEWS, U.S. PATENT NOS. 9,179,005 & 8,542,815, ORAL ARGUMENT, JULY 20, 2017, Apple Inc. v. Voip-Pal.com, Inc., Case IPR2016-01198; U.S. Patent No. 9,179,005, Case IPR2016-01201; U.S. Patent No. 8,542,815, 46 pages.	

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Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

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PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	6,434,143 B1	08-13-2002	Donovan, Steven R.	
	2	7,774,711 B2	08-10-2010	Valeski, Judson	
	3	2003/0043974 A1	03-06-2003	Emerson, III, Harry E.	
	4	2005/0069097 A1	03-31-2005	Hanson et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS

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	5	DECISION: Denying Institution of *Inter Partes* Review, 37 C.F.R. § 42.108, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, UNIFIED PATENTS INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner, Case IPR2016-01082, Patent 8,542,815 B2, Paper 8, Entered: November 18, 2016.	
	6	DECISION: Institution of *Inter Partes* Review, 37 C.F.R. § 42.108, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner, Case IPR2016-01201, Patent 8,542,815 B2, Paper 6, Entered: November 21, 2016.	
	7	DECISION: Institution of *Inter Partes* Review, 37 C.F.R. § 42.108, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner, Case IPR2016-01198, Patent 9,179,005 B2, Paper 6, Entered: November 21, 2016.	
	8	SCHEDULING ORDER: UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, APPLE INC., Petitioner v. VOIP-PAL.COM INC., Patent Owner, Cases IPR2016-01201, IPR2016-01198, Patent 8,542,815 B2, Patent 9,179,005 B2, Paper 7, Entered: November 21, 2016.	

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Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14035806	BJÖRSELL ET AL.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

✓	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	11/25/2015	10/16/2016	08/21/2017						
	1	✓	✓	✓						
	2	✓	✓	✓						
	3	✓	✓	✓						
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	5	✓	✓	✓						
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	36	✓	✓	✓						

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	73	✓	✓	✓						
	74	✓	✓	✓						
	75	✓	✓	✓						
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	105	✓	✓	✓						
	106	✓	✓	✓						
	107	✓	✓	✓						
	108	✓	✓	✓						

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	M MOSTAZIR RAHMAN	2411

✓	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	11/25/2015	10/16/2016	08/21/2017						
	109	✓	✓	✓						
	110	✓	✓	✓						
	111	✓	✓	✓						
	112	✓	✓	✓						
	113	✓	✓	✓						
	114	✓	✓	✓						
	115	✓	✓	✓						
	116	✓	✓	✓						
	117	✓	✓	✓						
	118	✓	✓	✓						
	119	✓	✓	✓						
	120	✓	✓	✓						
	121	✓	✓	✓						
	122	✓	✓	✓						
	123	✓	✓	✓						
	124	✓	✓	✓						
	125	✓	✓	✓						
	126	✓	✓	✓						
	127	✓	✓	✓						
	128	✓	✓	✓						
	129	✓	✓	✓						
	130		✓	✓						
	131		✓	✓						
	132		✓	✓						
	133		✓	✓						
	134		✓	✓						
	135			✓						
	136			✓						
	137			✓						

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	29	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L2	14	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L3	8	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L4	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L5	34	L1 or L2 or L3 or L4	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L6	313893	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L7	27	L6 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L8	268678	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L9	1	L8 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
L10	45	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 11:59
L11	400075	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
L12	8	L11 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
L13	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
L14	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
L15	29	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
L16	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
L17	14	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59

L18	36	L13 L14 L15 L16 L17	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
L19	1	L18 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
L20	528836	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 12:00
L21	12	L20 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 12:00
L22	11	((Access NEAR5 server) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 12:00
L23	13	("20020150080" | "20060195584" | "20070121590" | "20070121602" | "20170104868" | "20170111265" | "20170126752" | "20170142256" | "576852106" | "6947531" | "7477843" | "9537762" | "9549071" | "9565307").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
L24	4	("20030043974" | "20050069097" | "6434143" | "7774711").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
L25	1	("7174156").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
L26	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
L27	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08
L28	43	("20050131813" | "20050171898" | "20050192897" | "20050192901" | "20050222952" | "20050267842" | "20060006224" | "20060036522" | "20060095320" | "20060116892" | "20060195398" | "20070016524" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08

		"20140141884" | "5677955" | "5883810" | "6173272" | "6243689" | "6636833" | "6772188" | "6892184" | "7051072" | "7330835" | "7426492" | "7437665" | "7447707" | "7580886" | "7593884" | "7599944" | "7644037" | "7647500" | "7676431" | "7680737" | "7734544" | "7765261" | "7765266" | "7882011" | "7899742" | "8060887" | "8161078" | "8200575" | "8543477" | "8627211" | "8702505").PN.				
L29	71	("20070053382" | "20090213839" | "20100083364" | "20100114896" | "20100115018" | "20100142382" | "20100220852" | "20100233991" | "20100278534" | "20100316195" | "20110072095" | "20110167164" | "20110208859" | "20110235543" | "20110273526" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20120096145" | "20120155333" | "20120195236" | "20120259975" | "20120270554" | "20130039226" | "20130097308" | "20130128879" | "20130148549" | "20130173534" | "20130229950" | "20130287006" | "20130310002" | "20130318166" | "20130329722" | "20130329864" | "20140010119" | "20140016764" | "20140153477" | "20140215642" | "20140307858" | "20140321333" | "6327351" | "7203478" | "7958233" | "8078164" | "8127005" | "8166547" | "8190739" | "8223927" | "8300632" | "8315521" | "8396445" | "8526306" | "8599747" | "8599837" | "8634838" | "8774378" | "8819566" | "8848887" | "8862701" | "8885609" | "8903051" | "8903360" | "8909556" | "8938209" | "8938534" | "8948061" | "8972612" | "8982719" | "8995428" | "9003306").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
L30	6	("20070217354" | "5917899" | "6005870" | "6597783" | "6873599" | "7010727").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
L31	54	("0000029" | "0000030" | "0000031" | "0000032" | "0000033" | "0000034" | "0000035" | "0000036" | "0000037" | "0000038" | "0000039" | "0000040" | "0000041" | "20010027478" | "20110255553" | "20110261717" | "20130223276" | "20130237198" | "20130254301" | "20130272297" | "20130281147" | "20140220944" | "20140227962" | "20140244393" | "20140247730" | "20140269624" | "20140324969" | "20140337961" | "20140349602" | "6937713" | "8111690" | "8219115" | "8228837" | "8243730" | "8275404" | "8364172" | "8410907" | "8417791" | "8423791" | "8468196" | "8493931" | "8532075" | "8682919" | "8713098" | "8749610" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09

		"8767717" | "8774721" | "8780703" | "8792374" | "8792905" | "8805345" | "8810392" | "8837360" | "8838539").PN.				
L32	7	("6445694" | "6574328" | "6785266" | "7486664" | "7512117" | "7587036" | "7764777").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
L33	141	("20010052081" | "20020002041" | "20020018445" | "20020141352" | "20030012196" | "20030095539" | "20030179747" | "20030219103" | "20040034793" | "20040203565" | "20040203582" | "20050063519" | "20050188081" | "20050190892" | "20050202799" | "20050287979" | "20060007940" | "20060013266" | "20060030290" | "20060078094" | "20060142011" | "20060146797" | "20060189303" | "20060205383" | "20060248186" | "20060251056" | "20060268921" | "20060281437" | "20070047548" | "20070092070" | "20070115935" | "20070121593" | "20070174469" | "20070220038" | "20070253429" | "20070263609" | "20070297376" | "20080013523" | "20080056243" | "20080166999" | "20080167019" | "20080167020" | "20080167039" | "20080187122" | "20080188198" | "20080188227" | "20080205378" | "20080310599" | "20090003535" | "20090129566" | "20090135724" | "20090214000" | "20090268615" | "20090296900" | "20100008345" | "20100039946" | "20100105379" | "20100177671" | "20100246589" | "20100272242" | "20110013541" | "20110153809" | "20110176541" | "20110201321" | "20110267986" | "20120014383" | "20120113981" | "20120195415" | "20120250624" | "20120282881" | "20120314699" | "20130272297" | "20140101749" | "20140211789" | "5325421" | "6553025" | "6560224" | "6650641" | "6775534" | "6934279" | "6963739" | "6985440" | "6993015" | "7006508" | "7027564" | "7068668" | "7151772" | "7177399" | "7277528" | "7400881" | "7436835" | "7440442" | "7486667" | "7567131" | "7573982" | "7593390" | "7639792" | "7657011" | "7664495" | "7676215" | "7680114" | "7702308" | "7715821" | "7738384" | "7764944" | "7797459" | "7894441" | "7907551" | "7929955" | "7944909" | "7965645" | "7979529" | "7995589" | "8024785" | "8027333" | "8041022" | "8050273" | "8125982" | "8145182" | "8166533" | "8189568" | "8204044" | "8228897" | "8244204" | "8306063" | "8363647" | "8427981" | "8437340" | "8462915" | "8509225" | "8605714" | "8605869" | "8607323" | "8611354" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10

		"8625578" | "8724643" | "8750290" | "8763081" | "8768951" | "8774171" | "8804705").PN.				
L34	14	("20050198499" | "20100150138" | "20100150328" | "20100172345" | "20110122827" | "20120170574" | "5719926" | "5722067" | "5915093" | "6029062" | "6249573" | "7454200" | "8630234" | "8675566").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10
L35	137	("20020051518" | "20020116464" | "20020122391" | "20030200311" | "20030219103" | "20040022237" | "20040157629" | "20040165709" | "20040181599" | "20040202295" | "20040240439" | "20040255126" | "20050025043" | "20050083911" | "20050094651" | "20050169248" | "20050174937" | "20050177843" | "20060072547" | "20060072550" | "20060093135" | "20060111116" | "20060153342" | "20060160565" | "20060177035" | "20060209768" | "20060258328" | "20060264200" | "20070036143" | "20070112964" | "20070127676" | "20070253418" | "20080037715" | "20080056235" | "20080056302" | "20080063153" | "20090028146" | "20090135735" | "20090141883" | "20090292539" | "20090325558" | "20100086119" | "20100128729" | "20120099599" | "20120227101" | "20130114589" | "4916491" | "4992971" | "5146491" | "5247571" | "5303297" | "5359642" | "5425085" | "5440621" | "5454030" | "5469497" | "5506893" | "5519769" | "5559871" | "5590133" | "5608786" | "5621787" | "5633913" | "5661790" | "5712907" | "5724355" | "5726984" | "5737414" | "5751961" | "5793762" | "5799072" | "5802502" | "5825863" | "5828740" | "5838682" | "5845267" | "5850433" | "5864610" | "5867495" | "5883891" | "5889774" | "5905736" | "5907547" | "5910946" | "5915005" | "5923659" | "5930343" | "5937045" | "5940598" | "5953504" | "5956391" | "5970477" | "5974043" | "5991291" | "6005926" | "6014379" | "6021126" | "6052445" | "6058300" | "6069890" | "6073013" | "6078647" | "6104704" | "6104711" | "6115737" | "6128304" | "6137869" | "6141404" | "6151385" | "6188752" | "6282574" | "6298062" | "6351464" | "6359880" | "6430275" | "6507644" | "6597686" | "6674745" | "6724860" | "6744858" | "6766159" | "6798767" | "6819929" | "6954453" | "6963557" | "7046658" | "7055174" | "7068772" | "7079526" | "7120682" | "7212522" | "7454510" | "7950046" | "8116307" | "8422507" | "8537805" | "8542815").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11

L36	513	23 24 25 26 27 28 29 30 31 32 33 34 35	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11
L37	21	l36 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 13:45
L38	12	l36 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 13:45
S1	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 16:48
S2	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 18:09
S3	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S4	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S5	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" |	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03

		"20060072550" | "20050025043" | "6963557" | "20040240439").PN.				
S6	4	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S7	3	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S8	2	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:17
S10	5	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S11	5	S6 or S7 or S8 or S10	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S12	288340	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:29
S13	1195	((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S14	701	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S15	40	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:34
S16	23	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:36
S18	2	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:49
S19	4	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:49
S20	245256	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:52
S21	1	S20 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:53
S22	366030	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:54
S24	354	S22 and ((access adj code) same (channel ID identification) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:55
S25	8	S22 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:56
S26	10	S22 and ((access adj2 code) same caller same callee)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:59
S27	58	S22 and ((phone caller callee 'calling party') same server same router same	US-PGPUB; USPAT	OR	ON	2013/03/13 17:05

		(initiat$4 or setup or sett$4)same channel)				
S28	10	S22 and ((phone caller callee "calling party" "called party" "called terminal" "calling party") same server same rout$5 same (call near5 (initiat$4 or setup)) same channel same request same (ID identif$7))	US-PGPUB; USPAT	OR	ON	2013/03/13 17:19
S29	257	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:27
S30	72	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) same access$5	US-PGPUB; USPAT	OR	ON	2013/03/13 17:28
S31	11	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$).did. or (US-7068684-$ or US-6963635-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S32	9	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S33	3	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and processor and interface and identification)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:16
S34	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:18
S35	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:21
S36	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:22
S37	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:54

		and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5 and (access adj code))				
S39	3	"7079526".pn. us-20030114145-$.did. "6016319".pn.	US-PGPUB; USPAT	OR	ON	2013/03/14 11:27
S40	409041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:17
S43	21100	S40 and (initiat$4 adj3 call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:21
S44	128	S40 and ((initiat$4 adj2 call) same (access adj2 code))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:22
S45	101	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S46	38	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((voice data) adj2 network))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S47	33	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:25
S48	11	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:26
S49	35	("2006/0189337").URPN.	USPAT	OR	ON	2013/03/15 11:34
S50	5	S46 not S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:46
S51	63	S45 not S46	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 11:47

			DERWENT; IBM_TDB			
S52	409041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52
S53	0	S52 and ((initiat$4 adj2 call) same (access adj2 code) same (data adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52
S54	213	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:53
S55	159	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:54
S56	22	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:54
S57	20	S52 and ((initiat$4 with call) same (access adj5 code) and (data adj5 network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:55
S58	17	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:01
S62	17	S58 and (server)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:02
S63	11	S58 and (server and client)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:03
S64	181	S52 and (channel same (ID indentifier indentification) same request same server same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 12:32

			DERWENT; IBM_TDB			
S65	27	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:33
S67	154	S64 not S65	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S68	32	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S69	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) and (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:35
S72	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:36
S73	5	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:46
S74	12	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND ((wireless mobile) with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:48
S76	7	S74 not S73	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:49
S77	432569	("370".clas. "709".clas. "455".clas. "725".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:10
S79	2	S77 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj5	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 13:11

		IP))	DERWENT; IBM_TDB			
S82	0	S79 and (POOL)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:32
S83	0	S79 and (indenfi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S84	2	S79 and (identifi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S85	2	S79 and (identifi$5 and access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S86	0	S79 and (identifi$5 with access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S87	2	S79 and (identifi$5 and access and number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S88	2	S79 and (identifi$5 and access and number and associat$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S89	2	S79 and (identifi$5 and access and number and associat$5 and select$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S90	900	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S91	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) same (wireless IP)\	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 15:57

			DERWENT; IBM_TDB			
S92	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S93	820	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S94	181	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S95	8	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless with IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:59
S98	20	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:13
S99	11	S98 and (local with number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:17
S100	9	S98 and (local near7 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S101	7	S98 and (local near4 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S102	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/15 16:49
S103	3	S102 AND (ip adj2 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:49
S104	0	S102 AND (ip adj2 address with mobile)	US-PGPUB; USPAT; FPRS;	OR	ON	2013/03/15 16:50

			EPO; JPO; DERWENT; IBM_TDB			
S105	2	S102 AND (ip adj2 address with (receiv$5 reception))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S106	3	S102 AND (ip adj2 address with server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:52
S107	0	S102 AND (ip adj2 address with server with receiv$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S108	1	S102 AND (ip adj2 address with receiv$3 same server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S109	0	S102 AND ((ip adj address) with caller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S110	2	S102 AND ((ip adj address) with call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S111	1	"12116756"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 14:43
S112	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/16 15:36
S115	1	S112 AND (identif$5 same wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 15:37
S116	3	S112 AND (identif$5 and (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09

S117	1	S112 AND (identif$5 with (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S118	2	S112 AND (identif$5 same (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S119	3	S112 AND (identi$6 and (mobile wireless) and config$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S122	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S123	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S124	2	S112 AND (identi$6 same (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S126	1	S112 AND (identi$6 same (mobile wireless) and (config$5 same location) and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:13
S127	1	S112 AND (identi$6 same (mobile wireless) same location and (config$5 same user))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:17
S128	2	S112 AND (location same identi$6 same user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:50
S129	3	S112 AND (local same number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:08

S130	2	S112 AND (local near5 number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:12
S131	3	S112 AND (IP adj2 network same rout$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:19
S136	3	S112 AND (call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S137	1	S112 AND (call same channel same establ$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S141	1	S112 AND (establ$5 same call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:41
S142	2	S112 AND (call$5 same identif$6 same access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S143	1	S112 AND (call$5 same identif$6 same access same code)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S144	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/18 19:29
S145	3	S144 and (telephone same number)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:30
S146	2	S144 and ((number or code) with match$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:31
S147	3	S144 and ((number or code or ID or identifier) with called)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:37
S148	2	S144 and ((number or code or ID or identifier) with channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:45
S149	1	S144 and ((number or code) same (ID or identifier) same channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:46
S150	2	S144 and ((number or code or ID or identifier) same channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:49
S151	2	S144 and (channel same (called	US-PGPUB;	OR	ON	2013/03/18

		dialed))	USPAT			19:51
S152	3	S144 and (TTL expir$5 timestap)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S153	3	S144 and (TTL expir$5 timestamp)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S154	2	S144 and (data non$1voice) with (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:09
S155	2	S144 and (data non$1voice) same (code numer ID identifier) same (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:10
S156	3	S144 and (data non$1voice) same (code numer ID identifier)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:12
S157	3	S144 and (data non$1voice) same (code numer ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S158	3	S144 and (data non$1voice) same (code number ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S159	3	S144 and (data non$1voice) same (code number ID identifier) same (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:17
S160	1	S144 and code with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:19
S161	3	S144 and (number ID identifier) with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:21
S162	2	S144 and (access adj code)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S163	0	S144 and (access adj code) same (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S164	1	S144 and (access adj code) same2 (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:24
S165	1	S144 and code same query	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S166	0	"L29" and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S167	366130	("370".clas. "709".cias. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S168	6	S167 and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S169	1	S167 and (access adj code) with expir$5 with (establish$4 ssetup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S170	3	S167 and (access adj code) with expir$5 with (establish$4 setup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S171	8	S167 and (access adj code) with expir$5 with call$3	US-PGPUB; USPAT	OR	ON	2013/03/18 20:43
S172	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/22 14:46
S173	3	S172 and (dial$3 with number)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:52
S174	2	S172 and (called with number with	US-PGPUB;	OR	ON	2013/03/22

		request)	USPAT			15:58
S175	1	S172 and (calling with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:00
S176	1	S172 and (calling with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:01
S178	2	S172 and (request with access)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:03
S179	4	S172 and (access near code)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:04
S180	1	S172 and (access with soft)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:06
S181	1	S172 and (access same soft same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:08
S182	1	S172 and (access same request$3 same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:09
S185	1	S172 and (reply with request$3)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:15
S186	5	S172 and (reply response)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:16
S187	4	S172 and ((reply response) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:19
S188	4	S172 and ((calling caller) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:21
S189	3	S172 and ((calling caller) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:23
S190	1	S172 and ((calling caller) same called same (initial$5 code access))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:24
S191	4	S172 and ((reply response) with (code id identif$8) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:38
S193	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/23 12:05
S194	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:06
S195	0	S193 and (ip adj2 address with mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S196	1	S193 and (ip adj2 address same mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S197	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:08
S198	3	S193 and (ip adj1 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:17
S199	1	S193 and (mobile same routed)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:17
S200	2	S193 and (mobile same rout$4)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:18
S201	2	US-20070112964-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:44
S202	2	"5519769".pn.	US-PGPUB; USPAT;	OR	ON	2013/03/25 12:55

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S203	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S204	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S205	68	("20020116464" | "20040255126" | "20060072547" | "20060093135" | "20060153342" | "20080056302" | "20120099599" | "20120227101" | "5469497" | "5608786" | "5712907" | "5838682" | "5905736" | "5930343" | "5991291" | "6005926" | "20120170574" | "20040203582" | "20050287979" | "20070047548" | "20080167019" | "20080167020" | "20080187122" | "20100177671" | "20110201321" | "6993015" | "7400881" | "7573982" | "7738384" | "8041022" | "8189568" | "8437340" | "8462915" | "8605714" | "8750290" | "7587036" | "20140349602" | "8111690" | "8713098" | "20090213839" | "20100083364" | "20100115018" | "20110208859" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20130329722" | "20140016764" | "8078164" | "8396445" | "8634838" | "8903051" | "8909556" | "8938534" | "20050222952" | "6636833" | "7447707" | "7676431" | "7765261" | "8161078" | "8627211" | "20020122391" | "20060160565" | "20060177035" | "20060209768" | "20080037715" | "5146491").pn.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:04
S206	7	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S208	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S209	19	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:09
S210	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:09
S211	9	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S212	25	S206 S208 S209 S210 S211	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S213	267985	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728"	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12

		@rlad < "20080728")				
S214	9728	S213 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S215	1	S212 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S216	3	S212 and ((location$4 GPS) AND (ID identificat$4 key flag$4 number digit)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:13
S217	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 14:14
S218	22	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 15:24
S219	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S220	22	(US-20070281705-$ or US-20090252159-$ or US-20130028251-$ or US-20040042607-$ or US-20080049732-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S221	21	S220 and (locat$4 GPS)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/09 16:15

			DERWENT; IBM_TDB			
S222	17	S220 and (locat$4 GPS) AND (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S223	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S224	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) AND (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S225	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S226	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) AND (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S227	9	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) SAME (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S228	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:28
S230	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 16:29
S231	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:31
S233	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:32

S235	27	S230 AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:33
S236	56	(S230 S231 S233) AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:19
S237	48	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S238	63	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S239	2	(US-20040022237-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/09 17:34
S240	28	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3 AND (SMS short adj2 messag$4 adj2 serv$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:35
S241	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 19:23
S242	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S243	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S244	976	(S241 S242 S243) AND (SMS short adj2 messag$4 adj2 servic$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S245	397	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:24

S246	259	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:25
S247	29	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:26
S248	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:35
S249	1	S248 and (receiv$$ SAME user SAME identifier SAME destination)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S250	1	S248 and (receiv$$ SAME user SAME identifier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S251	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:07
S252	252985	((H04L29/06027 OR H04L29/06 OR H04L29/1216 OR H04L61/157 OR H04L65/1069 OR H04L12/4608 OR H04L12/66 OR H04L29/12122 OR H04L61/1547 OR H04L65/1026 OR H04L65/103 OR H04L65/1036 OR H04L65/104 OR H04L67/14 OR H04L69/329 OR H04L12/1813 OR H04L12/5695 OR H04L12/6418 OR H04L2012/5626 OR H04L2012/563 OR H04L2012/5645 OR H04L2012/5667 OR H04L2012/5668 OR H04L2012/6472 OR H04L29/12094 OR H04L29/12584 OR H04L29/12896 OR H04L29/12933 OR H04L47/724 OR H04L47/803 OR H04L47/805 OR H04L61/1529 OR H04L61/2015 OR H04L61/2596 OR H04L61/605 OR H04L61/6068 OR H04L63/061 OR H04L63/0823 OR	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:25

		H04L63/126 OR H04L63/164 OR H04L65/1003 OR H04L65/1006 OR H04L65/1009 OR H04L65/1013 OR H04L65/1043 OR H04L65/1046 OR H04L65/1083 OR H04L65/1096 OR H04L65/4007 OR H04L65/403 OR H04L65/604 OR H04L65/605 OR H04L67/02 OR H04L67/04 OR H04L67/24 OR H04L67/34 OR H04L67/40 OR H04L69/08 OR H04M15/00 OR H04M7/006 OR H04M7/009 OR H04M11/066 OR H04M15/06 OR H04M15/08 OR H04M15/41 OR H04M15/43 OR H04M15/48 OR H04M15/56 OR H04M15/63 OR H04M15/68 OR H04M15/745 OR H04M15/8292 OR H04M1/2473 OR H04M1/2535 OR H04M2203/2022 OR H04M2203/4536 OR H04M2207/12 OR H04M2207/18 OR H04M2207/20 OR H04M2215/0108 OR H04M2215/0156 OR H04M2215/0164 OR H04M2215/0168 OR H04M2215/0196 OR H04M2215/202 OR H04M2215/62 OR H04M2215/68 OR H04M2242/14 OR H04M3/20 OR H04M3/42 OR H04M3/42008 OR H04M3/42042 OR H04M3/42068 OR H04M3/4228 OR H04M3/42314 OR H04M3/42348 OR H04M3/42365 OR H04M3/523 OR H04M3/53325 OR H04M3/545 OR H04M3/567 OR H04M7/00 OR H04M7/0021 OR H04M7/0057 OR H04M7/123 OR H04M7/1245 OR H04M7/125 OR H04M7/1255 OR H04M7/126 OR H04M7/128 OR H04M7/1285 OR H04Q3/0025 OR H04Q3/0045 OR H04Q11/0478 OR H04Q2213/13098 OR H04Q2213/1324 OR H04Q2213/13288 OR G06Q20/3674 OR H04H60/43 OR H04H60/51 OR H04H60/91 OR H04N21/2665 OR H04N21/4126 OR H04N21/42203 OR H04N21/6581 OR H04N21/6582 OR H04N7/17318 OR H04W28/16 OR H04W4/06 OR H04W4/10 OR H04W4/22 OR H04W60/04 OR H04W76/005 OR H04W76/007 OR H04W76/02 OR H04W76/021 OR H04W76/025 OR H04W80/00 OR H04W80/04 OR H04W84/005 OR H04W88/08 OR H04W8/02 OR H04W8/085 OR Y10S379/90).CPC.)				
S253	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:26
S254	6639	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:45
S255	268033	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/29 23:32

S256	4832	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/29 23:32
S257	5881	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S258	5933	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S259	29	(S256 S257 S258) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S260	265	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S261	95	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S262	25	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S263	4	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) SAME server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:34
S264	6575	(reply with mobile) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S265	2208	(reply with mobile same server) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S266	168	(reply with mobile same server same sms) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S267	35	(reply with mobile same server same sms same gateway) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:58
S268	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 02:11

		20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S269	12	S268 and SMS	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:11
S270	12	S268 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S271	1	S268 and (SMS same server$3 same locat$4 NEAR5 (ID address identificat$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S272	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:34
S273	12	S272 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:34
S274	5	S272 and (SMS same server$3 SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:38
S275	5	"20080101370"	US-PGPUB;	OR	OFF	2015/11/30

			USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:42
S276	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:47
S277	6	S276 and (SMS SAME server SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:47
S278	8	S276 and (SMS SAME server SAME3 (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 10:08
S279	17	S276 and ((ID identification key flag address) SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:00
S280	15	S276 and ((ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:01
S281	11	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:03
S282	3	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) WITH (location GPS) WITH server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:11
S283	2	(US-20080160953-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/30 12:07
S284	2	S283 and (SMS SAME server)	US-PGPUB;	OR	OFF	2015/11/30

			USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			12:07
S285	2	S283 and (location SAME channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:25
S286	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 12:59
S287	0	S283 and (poll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:04
S288	1	S283 and (poll multiple)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:05
S289	2	S283 and (local and call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S290	2	S283 and (local SAME call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S291	2	S283 and (IP SAME address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:09
S292	0	S283 and (time with out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:20
S293	0	S283 and (expired)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S294	1	S283 and (expired out)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/30 14:21

			DERWENT; IBM_TDB			
S295	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/02 22:35
S296	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/02 22:36
S297	0	S296 and (destinat$$ adj2 (ID key flag identificat$4) and (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S298	0	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S299	1	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:38
S300	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/03 18:45
S301	1	S300 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/03 18:45
S302	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/06 12:00

		7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S303	2	"13710282"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:24
S304	1	S303 and (similar SAME power$4 same sav$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:25
S305	1	S303 and (similar NEAR10 power$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 18:18
S306	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/06 21:55
S307	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 14:24
S308	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 14:24
S309	1	"14035806"	US-PGPUB; USPAT	OR	OFF	2016/01/07 15:02
S310	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:03
S311	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 15:03

		6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S312	1	S310 and ((channel$4 tunnel$4 frequenc$4) WITH (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S313	2	S310 and ((channel$4 tunnel$4 frequenc$4) SAME (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S314	1	S310 and ((channel$4 tunnel$4 frequenc$4) NEAR10 (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S315	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:35
S316	1	S315 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S317	2	S315 and (channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 16:18
S319	2	S315 and (channel and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 18:15
S320	5569	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2016/10/17 13:25
S321	8486	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S322	8300	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S323	46	(S320 S321 S322) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2016/10/17 13:25

		(location adj2 ID location adj2 identif$5))	DERWENT; IBM_TDB			
S324	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S325	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S326	22	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S327	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S328	10	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S329	29	S324 S325 S326 S327 S328	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S330	1	S329 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S331	313876	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S332	28	S331 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S333	268664	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S334	1	S333 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S335	506306	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S336	12	S335 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S337	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/10/17 13:55
S338	2	S337 and (database list table log) WITH (locat$4 GPS)	US-PGPUB	OR	ON	2016/10/17 14:12
S339	2	S337 and (database list table log) WITH (locat$4 GPS) AND (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S340	0	S337 and (database list table log) WITH (locat$4 GPS) WITH (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S341	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S342	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2	US-PGPUB	OR	ON	2016/10/17 14:45

		protocol) and location				
S343	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 14:32
S344	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2016/11/15 15:00
S345	6	cn adj2 "102307082"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 15:52
S346	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 16:54
S347	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2016/11/15 19:52
S348	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 19:53
S349	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:54
S350	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:55
S351	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 20:58
S352	2	S351 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 20:58
S353	432	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB	OR	ON	2016/11/15 21:57
S354	752	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S355	402	((Access NEAR5 server) AND (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S356	11	((Access NEAR5 server) SAME (	US-PGPUB;	OR	ON	2016/11/15

		location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	USPAT; FPRS; EPO; JPO; IBM_TDB			21:58
S357	97	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:00
S358	19	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID) SAME (server)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:01
S359	43	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:42

EAST Search History (Interference)

<This search history is empty>

8/21/2017 1:51:30 PM
C:\Users\mrahman6\Documents\EAST\Workspaces\14035806_10098_MOBILE GATEWAY_DigifonicaInternational.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14035806	BJÖRSELL ET AL.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

CPC- SEARCHED		
Symbol	Date	Examiner
H04W76/021 OR H04W76/025 OR H04W8/02	11/29/2015	MR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

SEARCH NOTES		
Search Notes	Date	Examiner
EAST Search: 1)keyword search in USPAT, US-PGPUB, DERWENT, EPO, JPO, IBM_TDB;	11/29/2015	MR
class/subclasses with keyword, inventors, assignee	11/29/2015	MR
Inventor and assignee search in EAST, eDAN and PALM.	11/29/2015	MR
NPL Search: IP.COM	11/29/2015	MR
Updated search	10/16/2016	MR
Consulted with SPE, Andrew Lai	10/18/2016	MR
Updated search	11/15/2016	MR
Updated search	08/21/2017	MR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

/M MOSTAZIR RAHMAN/ Examiner.Art Unit 2411	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
Please see search report		11/29/2015	MR

/M MOSTAZIR RAHMAN/ Examiner.Art Unit 2411	

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Application	Document	Mailroom Date	Attorney Docket No.
14035806	CTFR	08/28/2017	DIGIF.004C1
	1449	08/28/2017	DIGIF.004C1
	1449	08/28/2017	DIGIF.004C1
	1449	08/28/2017	DIGIF.004C1

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PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	14/035,806	Filing Date	2013-09-24	Docket Number (if applicable)	DIGIF.004C1	Art Unit	2411
First Named Inventor	Johan Emil Viktor Björsell			Examiner Name	Rahman, M. Mostazir		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, to any international application that does not comply with the requirements of 35 U.S.C. 371, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV.

SUBMISSION REQUIRED UNDER 37 CFR 1.114

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

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

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

☒ Enclosed

- ☐ Amendment/Reply
- ☒ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

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

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 111410

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

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Signature	/John M. Carson/	Date (YYYY-MM-DD)	2017-11-29
Name	John M. Carson	Registration Number	34303

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 2	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	5,602,907 A	02-11-1997	Hata et al.	
	2	6,310,859 B1	10-30-2001	Morita et al.	
	3	7,440,441 B2	10-21-2008	Lakhani et al.	
	4	7,457,865 B2	11-25-2008	Ramakrishnan et al.	
	5	7,545,761 B1	06-09-2009	Kalbag, Rohit S.	
	6	9,432,830 B2	08-30-2016	Lahtiranta et al.	
	7	9,813,330 B2	11-07-2017	Perreault et al.	
	8	9,826,002 B2	11-21-2017	Perreault et al.	
	9	2003/0211840 A1	11-13-2003	Castrogiovanni et al.	
	10	2005/0021939 A1	01-27-2005	Le et al.	
	11	2009/0012851 A1	01-08-2009	Marc, Miroslav	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]
	12	IN 287412	09-15-2017	Digifonica (International) Limited		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	13	Canadian Office Action dated September 18, 2014 for Canadian Patent Application No. CA 2,670,510.	
	14	Canadian Office Action dated August 18, 2015 for Canadian Patent Application No. CA 2,732,148.	
	15	Canadian Office Action dated August 2, 2017 for Canadian Patent Application No. CA 2,681,984.	
	16	Indian Office Action dated June 21, 2017 for Indian Patent Application No. IN 1227/MUMNP/2009.	
	17	Intimation of the grant and recordal of India Patent No. 287412 entitled "PRODUCING ROUTING MESSAGES FOR VOICE OVER IP COMMUNICATIONS", dated September 15, 2017, for India Patent Application No. IN 1047/MUMNP/2009 filed November 1, 2007.	

Examiner Signature	Date Considered

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 2 OF 2	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	18	**PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, **AT&T SERVICES, INC.**, Petitioner, v. **VoIP-PAL.COM, INC.**, Patent Owner, Case No. IPR2017-01382, U.S. Patent 8,542,815, dated August 24, 2017, 71 pages.	
	19	**PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, **AT&T SERVICES, INC.**, Petitioner, v. **VoIP-PAL.COM, INC.**, Patent Owner, Case No. IPR2017-01383, U.S. Patent 9,179,005, dated August 24, 2017, 74 pages.	
	20	**PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, **AT&T SERVICES, INC.**, Petitioner, v. **VoIP-PAL.COM, INC.**, Patent Owner, Case No. IPR2017-01384, U.S. Patent 9,179,005, dated August 24, 2017, 61 pages.	
	21	**PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner, Case No. IPR2017-01398, U.S. Patent 9,179,005, dated August 25, 2017, 76 pages.	
	22	**PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW**, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, **APPLE INC.**, Petitioner, v. **VoIP-PAL.COM, INC.**, Patent Owner, Case No. IPR2017-01399, U.S. Patent 8,542,815, dated August 25, 2017, 77 pages.	
	23	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; APPLE INC., Petitioner, v. VOIP-PAL.COM., INC. Patent Owner; Cases IPR2016-01198 *and* IPR2016-01201; Patents 9,179,005 B2 *and* 8,542,815 B2; **Record of Oral Hearing**, Held: July 20, 2017; Before JOSIAH C. COCKS, JENNIFER MEYER CHAGNON, and JOHN A. HUDALLA, *Administrative Patent Judges,* 83 pages.	

27083041

Examiner Signature	Date Considered
***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T[1] - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed within three months of the filing date or date of national phase entry, with an RCE or before receipt of a First Office Action after an RCE, and no fee is believed to be required.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11/29/17

By: _____

John M. Carson
Registration No. 34,303
Registered Practitioner
Customer No. 20995
(858) 707-4000

IDS
27083414

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	John M Carson/Norman Green
Attorney Docket Number:	DIGIF.004C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
RCE- 1st Request	2801	1	600	600
		Total in USD ($)		**600**

Electronic Acknowledgement Receipt

EFS ID:	31081875
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	29-NOV-2017
Filing Date:	24-SEP-2013
Time Stamp:	18:49:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$600
RAM confirmation Number	113017INTEFSW00006192111410
Deposit Account	111410
Authorized User	Norman Green
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	RCE_DIGIF_004C1_11_29_2017.pdf	79139 1de6f03602ed889c417436f0839057f5b8291358	no	2
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This is not a USPTO supplied RCE SB30 form.					
Information:					
2		FIRST_IDS_DIGIF_004C1_11_29_2017.pdf	171524 77776e6479ce67c961220b5d3aab7a8adc192350	yes	4

Multipart Description/PDF files in .zip description

Document Description	Start	End
Information Disclosure Statement (IDS) Form (SB08)	3	4
Transmittal Letter	1	2

Warnings:					
Information:					
3	Foreign Reference	Ref12_INDIA_PATENT_287412_IN1047MUMNP2009_09_15_2017.pdf	6268040 e265f8700b12cbeacc3230e1c1d9beb4ec9c83b1	no	118
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Information:					
4	Non Patent Literature	Ref988_CA_OA_CA2670510_09_18_2014.pdf	1829345 1818d639509317312164e65dc4db68e6a0ebdaf1	no	3
Warnings:					
Information:					
5	Non Patent Literature	Ref989_CA_OA_CA2732148_08_18_2015.pdf	274832 665155a896ca01e4a2e8c2f0ea15aa2d89b14f37	no	3
Warnings:					

Information:					
6	Non Patent Literature	Ref3_CA_OA_CA2681984_08_02_2017.pdf	201526 c1d79ab5356ef428a8e900925cdfa84511282278	no	3
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7	Non Patent Literature	Ref16_IN_OA_IN1227MUMNP2009_06_21_2017.pdf	7406165 1536cf11735e79892066b79634be2fe790e0159c	no	9
Warnings:					
Information:					
8	Non Patent Literature	Ref12_IN_Intimation_of_Grant_in1047MUMNP2009_09_15_2017.pdf	2111005 3d36d83a823f8a1fea33f6686a3ecbf8721f895e	no	1
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Information:					
9	Non Patent Literature	Ref2_POPR_ATT_v_VOIP_IPR2017_01382_8542815_08_24_2017.pdf	2902958 847a7a6255c65b33eb3062696a9926dcef763aa2	no	71
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10	Non Patent Literature	Ref3_POPR_ATT_v_VOIP_IPR2017_01383_9179005_08_24_2017.pdf	3028127 8e93cb6c4a64736ee99908aa1c128c31992112ce	no	74
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11	Non Patent Literature	Ref4_POPR_ATT_v_VOIP_IPR2017_01384_9179005_08_24_2017.pdf	2455825 82de2997ac8d346ffc5dea8132a785d9969f5cbe	no	61
Warnings:					
Information:					
12	Non Patent Literature	Ref5_POPR_IPR2017_01398_08_25_2017.pdf	3066817 677400db5714a24642773c445384655bc7614bcd	no	76
Warnings:					
Information:					

13	Non Patent Literature	Ref6_POPR_IPR2017-01399_08_25_2017.pdf	3072397 e337bb977e9bd07a655552f8bc5762195bcaf6f2	no	77
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14	Non Patent Literature	Ref23_RECORD_ORAL_HEARING_held_7_20_2017.pdf	3133713 33204f788bc1db209a9883217f87b038d3cefe2a	no	83
Warnings:					
Information:					
15	Fee Worksheet (SB06)	fee-info.pdf	30549 db538bec50101724600e045443d12086d69e7708	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	36031962	

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

<u>New Applications Under 35 U.S.C. 111</u>
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
<u>National Stage of an International Application under 35 U.S.C. 371</u>
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
<u>New International Application Filed with the USPTO as a Receiving Office</u>
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	1	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case IPR2016-01198, Patent 9,179,005 B2; **FINAL WRITTEN DECISION**; Paper 53, Entered: November 20, 2017; 29 pages.	
	2	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case IPR2016-01201, Patent 8,542,815 B2; **FINAL WRITTEN DECISION**; Paper 54, Entered: November 20, 2017; 29 pages.	
	3	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case IPR2017-01399, Patent 8,542,815 B2; **DECISION: Denying Institution of *Inter Partes* Review**; Paper No. 6, Entered: November 20, 2017; 23 pages.	
	4	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case IPR2017-01398, Patent 9,179,005 B2; **DECISION: Denying Institution of *Inter Partes* Review**; Paper No. 6, Entered: November 20, 2017; 23 pages.	
	5	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **AT&T SERVICES, INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case IPR2017-01382, Patent 8,542,815 B2; **DECISION: Denying Institution of *Inter Partes* Review**; Paper No. 8, Entered: November 20, 2017; 28 pages.	
	6	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **AT&T SERVICES, INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case IPR2017-01383, Patent 9,179,005 B2; **DECISION: Denying Institution of *Inter Partes* Review**; Paper No. 8, Entered: November 20, 2017; 43 pages.	
	7	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **AT&T SERVICES, INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case IPR2017-01384, Patent 9,179,005 B2; **DECISION: Denying Institution of *Inter Partes* Review**; Paper No. 8, Entered: November 20, 2017; 31 pages.	

27119292

Examiner Signature	Date Considered
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T[1] - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell et al.
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

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Timing of Disclosure

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META 1002
META V. VOIP-PAL

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11/29/17

By: _____

John M. Carson
Registration No. 34,303
Registered Practitioner
Customer No. 20995
(858) 707-4000

IDS
27119341

Electronic Acknowledgement Receipt

EFS ID:	31082012
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	29-NOV-2017
Filing Date:	24-SEP-2013
Time Stamp:	19:01:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		SECOND_IDS_DIGIF_004C1_11_29_2017.pdf	120256 2abdf4be5abd3173f8722e758ffd3212c14551e5	yes	3

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Information Disclosure Statement (IDS) Form (SB08)	3	3
	Transmittal Letter	1	2

Warnings:					
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2	Non Patent Literature	Ref1_APPLE_v_VOIP_FINAL_WRITTEN_DECISION_9179005.pdf	1391804 f52aeaebacafd651ddb779c2e86309b390e0298c	no	29
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Information:					
3	Non Patent Literature	Ref2_APPLE_v_VOIP_FINAL_WRITTEN_DECISION_8542815.pdf	1403122 0a65f1a1c1f9f162f23e9b163300a48a4cbb52b5	no	29
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Information:					
4	Non Patent Literature	Ref3_APPLE_v_VOIP_DECISION_Paper6_Pat_8542815_01399_11_20_2017.pdf	1047014 42da78b3c0810ad80ffe23f11ae22d97384e084f	no	23
Warnings:					
Information:					
5	Non Patent Literature	Ref4_APPLE_v_VOIP_DECISION_Paper6_Pat_9179005_01398_11_20_2017.pdf	1037142 6f97c1df684f78476ea7608a18d786206315d0ba	no	23
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Information:					
6	Non Patent Literature	Ref5_ATandT_v_VOIP_DECISION_Paper8_Pat_8542815_01382_11_20_2017.pdf	1303711 c400c26db4c13ef67002ad6bc705973f818a82f3	no	28
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7	Non Patent Literature	Ref6_ATandT_v_VOIP_DECISION_Paper8_Pat_9179005_01383_11_20_2017.pdf	2111772 43fe163d8e6218597cb3de3a10477476845 10c5d	no	43
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8	Non Patent Literature	Ref7_ATandT_v_VOIP_DECISION_Paper8_Pat_9179005_01384_11_20_2017.pdf	1493252 6fe3701a99e7d949af2cad87515df525013651ea	no	31
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Information:					
			Total Files Size (in bytes):	9908073	

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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 7	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
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	1	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Cases IPR2016-01198 *and* IPR2016-01201, Patents 9,179,005 B2 *and* 8,542,815 B2; **ORDER, Conduct of Proceeding, *37 C.F.R. § 42.5;*** Paper No. 54, Entered: December 20, 2017; 4 pages.	
	2	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01201, Patent 8,542,815; **PETITIONER'S MOTION FOR ENTRY OF JUDGMENT IN FAVOR OF PETITIONER etc**; Paper 55, Date: December 20, 2017; 18 pages.	
	3	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01201, Patent 8,542,815; **PETITIONER'S UPDATED EXHIBIT LIST**; Date: December 22, 2017; 4 pages.	
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	5	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01201, Patent 8,542,815; **Apple EXHIBIT 1020 – September 2017 VOIP-PAL WEBSITE posting and linking all of Dr. Sawyer's Letters**; Date: December 20, 2017; 2 pages.	
	6	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, vs. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01198, Patent 9,179,005 B2 *and* Case No. IPR2016-01201, Patent 8,542,815 B2; IPR2016-01201 **Apple EXHIBIT 1021 – TELEPHONIC HEARING BEFORE THE ADMINISTRATIVE PATENT JUDGES:** December 19, 2017; 25 pages.	
	7	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01198, Patent 9,179,005; **PETITIONER'S MOTION FOR ENTRY OF JUDGMENT IN FAVOR OF PETITIONER etc**; Date: December 20, 2017; 18 pages.	

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	22	**Voip-Pal EXHIBIT 2056, IPR2016-01198;** UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01198, U.S. Patent 9,179,005; **DECLARATION IN SUPPORT OF PATENT OWNER'S OPPOSITION TO MOTION FOR SANCTIONS;** Dated: January 12, 2018; 12 pages.	
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	69	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; IPR2016-01201, U.S. Patent No. 8,542,815; **NOTICE OF APPEAL**, Dated: January 22, 2018, 5 pages.	
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	74	**Case: 18-1457; Document: 1-1; Filed: 01/23/2018, 1 page:** **UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT; NOTICE OF DOCKETING; 18-1457 – Apple Inc. v. Voip-Pal.com, Inc.**; Date of Docketing: January 23, 2018, IPR2016-01201; 1 page.	
	75	**Case: 18-1457; Document: 1-2; Filed: 01/23/2018, 34 pages:** **UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT; APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; IPR2016-01201, U.S. Patent No. 8,542,815; **NOTICE OF APPEAL**, (Dated: January 22, 2018, 5 pages); *with* Paper 54; Entered: November 20, 2017; **FINAL WRITTEN DECISION**; 35 U.S.C. § 318(a) and 37 C.F.R. § 42.73; (29 pages).	
	76	**Case: 18-1457; Document 6; Filed: 01/25/2018; 14 pages:** **IN THE UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT,** APPLE INC., Petitioner-Appellant, v. VOIP-PAL.COM, INC., Patent Owner-Appellee. On Appeal from the United States Patent and Trademark Office, Patent Trial and Appeal Board, in Case No. IPR2016-01201; **MOTION OF APPELLANT APPLE INC. TO STAY APPEAL OR FOR A LIMITED REMAND TO ALLOW CONCLUSION OF ADMINISTRATIVE PROCEEDINGS.**	

Examiner Signature	Date Considered
***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T[1] - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 7 OF 7	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	77	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01198, Patent 9,179,005; **PETITIONER'S REPLY IN SUPPORT OF ITS MOTION FOR ENTRY OF JUDGMENT IN FAVOR OF PETITIONER AS A SANCTION FOR IMPROPER *EX PARTE* COMMUNICATIONS BY PATENT OWNER, OR, ALTERNATIVELY, FOR NEW AND CONSTITUTIONALLY CORRECT PROCEEDINGS,** Date: January 26, 2018, 11 pages.	
	78	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01198, Patent 9,179,005; **PETITIONER'S UPDATED EXHIBIT LIST,** Date: January 26, 2018, 4 pages.	
	79	**Apple EXHIBIT 1023**, IPR2016-01198, **Voip-Pal Issues a Correction to its Press Release of September 18th 2017;** January 12, 2018, 1 page.	
	80	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01201, Patent 8,542,815; **PETITIONER'S REPLY IN SUPPORT OF ITS MOTION FOR ENTRY OF JUDGMENT IN FAVOR OF PETITIONER AS A SANCTION FOR IMPROPER *EX PARTE* COMMUNICATIONS BY PATENT OWNER, OR, ALTERNATIVELY, FOR NEW AND CONSTITUTIONALLY CORRECT PROCEEDINGS,** Date: January 26, 2018, 11 pages.	
	81	UNITED STATES PATENT AND TRADEMARK OFFICE; BEFORE THE PATENT TRIAL AND APPEAL BOARD; **APPLE INC.**, Petitioner, v. **VOIP-PAL.COM, INC.**, Patent Owner; Case No. IPR2016-01201, Patent 8,542,815; **PETITIONER'S UPDATED EXHIBIT LIST,** Date: January 26, 2018, 4 pages.	
	82	**Apple EXHIBIT 1023**, IPR2016-01201, **Voip-Pal Issues a Correction to its Press Release of September 18th 2017;** January 12, 2018, 1 page.	
	83	**Case: 18-1456; Document 7; Filed: 01/29/2018; 2 pages: UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT, ORDER;** consolidating the appeals.	
	84	**Case: 18-1457; Document 7; Filed: 01/29/2018; 2 pages: UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT, ORDER;** consolidating the appeals.	

27321896

Examiner Signature	Date Considered
***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.*	

T[1] - Place a check mark in this area when an English language Translation is attached.

Electronic Acknowledgement Receipt

EFS ID:	31692914
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	02-FEB-2018
Filing Date:	24-SEP-2013
Time Stamp:	19:25:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		FIRST_IDS_DIGIF_004C1_02_02_2018.pdf	653522 ee8ca28a430cb7814eb7fd676999ccdb74aed71d	yes	9

	Multipart Description/PDF files in .zip description				
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	Transmittal Letter		1	2	
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2	Non Patent Literature	Ref1_ORDER_Paper54_both_IPRs.pdf	83577 0456a105e3cd1a8ecbec202cf150b119c7e81e05	no	4
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Total Files Size (in bytes):	51483037

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New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed within three months of the filing date or date of national phase entry, with an RCE or before receipt of a First Office Action after an RCE, and no fee is believed to be required.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 2/2/18

By: _____

John M. Carson
Registration No. 34,303
Registered Practitioner
Customer No. 20995
(858) 707-4000

IDS
27333971

Please Direct All Correspondence to Customer No. 20995

EFS WEB CONTINUING IDS COVER SHEET

First Inventor	:	Johan Emil Viktor Björsell
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

Dear Sir:

Submitted herewith are references numbered **50** to **84** listed on the PTO/SB/08 or equivalent filed under EFS ID **31692914**.

Please charge any additional fees, including any fees for additional extension of time, or

META 1002
META V. VOIP-PAL

credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 2/2/18

By: _____

John M. Carson
Registration No. 34,303
Registered Practitioner
Customer No. 20995
(858) 707-4000

IDS-CON
27429691

Electronic Acknowledgement Receipt

EFS ID:	31693056
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	02-FEB-2018
Filing Date:	24-SEP-2013
Time Stamp:	19:44:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	FIRST_IDS_CONTIN_TRANS_DIGIF_004C1_02_02_2018.pdf	28789 9f026809b5e03024ecc919c19fde6de64736e3e9	no	2

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20	Non Patent Literature	Ref49_Apple_EX_1022_01198_TELEFONIC_HEARING.pdf	733894 e419f17cbe7f1ff8d32fd634bdd6bd5fecfb725e	no	14
Warnings:					
Information:					
21	Non Patent Literature	Ref50_NOTICE_of_APPEAL_01201.pdf	121169 7849b21bb0abc248cf96dbacd0442d060004ffa3	no	5
Warnings:					
Information:					
22	Non Patent Literature	Ref51_Apple_EX_1022_01201_TELEFONIC_HEARING.pdf	735224 75acfef55119ef650beca892938305aa1fd4ad28	no	14
Warnings:					
Information:					

23	Non Patent Literature	Ref52_NOTICE_of_DOCKETING_Case_18_1456_01198.pdf	53249 6b2c90d2c9c8ff8f5ed31852ca8f0b5309430843	no	1
Warnings:					
Information:					
24	Non Patent Literature	Ref53_01198_NOTICE_of_APPEAL_with_FINAL_WRITTEN_DECISION.pdf	1554820 43d198ac3bf67e9ff23981bdc211c677c01d7c2c	no	34
Warnings:					
Information:					
25	Non Patent Literature	Ref54_Doc6_18_1456_MOTION_OF_APPELLANT.pdf	506412 6ebe68f4969abcbf985b6e1655b02e4eaf9cf71c	no	14
Warnings:					
Information:					
26	Non Patent Literature	Ref55_NOTICE_of_DOCKETING_Case_18_1457_01201.pdf	53743 9bd3480987b89250f606454edf4d1356093099bc	no	1
Warnings:					
Information:					
27	Non Patent Literature	Ref56_01201_NOTICE_of_APPEAL_with_FINAL_WRITTEN_DECISION.pdf	1569062 5ef5db036b60b753dab06a8b62000d98a8e8ef83	no	34
Warnings:					
Information:					
28	Non Patent Literature	Ref57_Doc6_18_1457_MOTION_OF_APPELLANT.pdf	508424 79f0ef1ff4187e8d7440a2ad8513eac0122db880	no	14
Warnings:					
Information:					
29	Non Patent Literature	Ref58_01198_PETITS_REPLY_IN_SUPPORT_1_26_2018.pdf	494369 2178db2f56aae617abf2ae51702168570016f966	no	13
Warnings:					
Information:					

30	Non Patent Literature	Ref59_01198_PETITS_UPDATED_EX_LIST_1_26_2018.pdf	115517 dbb8f026183dbc77f22172ac29394a28485c8157	no	4
Warnings:					
Information:					
31	Non Patent Literature	Ref60_01198_PETITS_EX_1023_VOIP_CORR_PRESS_REL.pdf	80099 c5f90a59140b1960add13f77f86a7ed3c9dc6a36	no	1
Warnings:					
Information:					
32	Non Patent Literature	Ref61_01201_PETITS_REPLY_IN_SUPPORT_1_26_2018.pdf	493767 ae0bc6fd002d209e672f24dedcaa10e7d40a106c	no	13
Warnings:					
Information:					
33	Non Patent Literature	Ref62_01201_PETITS_UPDATED_EX_LIST_1_26_2018.pdf	108907 9132c4fdb168e1986d13705d77a875bf6599ae5b	no	4
Warnings:					
Information:					
34	Non Patent Literature	Ref63_01201_PETITS_EX_1023_VOIP_CORR_PRESS_REL.pdf	79933 98ab2309d59010200515fa37ec85e9d7cbf2fcc2	no	1
Warnings:					
Information:					
35	Non Patent Literature	Ref64_Case18_1456_Doc7_ORDER_Consolidate_Appeals_01_29_2018.pdf	28786 1a6fd056049a4256a4e3e47be7fee32074fd7e38	no	2
Warnings:					
Information:					
36	Non Patent Literature	Ref65_Case18_1457_Doc7_ORDER_Consolidate_Appeals_01_29_2018.pdf	27528 6acc1debf2b3f28329a143d81fed8911b1854bc7	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	21746853		

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New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	6,036,090	03-14-2000	Rahman et al.	
	2	6,185,414 B1	02-06-2001	Brunner et al.	
	3	6,236,851 B1	05-22-2001	Fougnies et al.	
	4	6,298,250 B1	10-02-2001	Nilsson, Byard G.	
	5	2002/0068545 A1	06-06-2002	Oyama et al.	
	6	2003/0008635 A1	01-09-2003	Ung et al.	
	7	2003/0121967 A1	07-03-2003	Goldberg et al.	
	8	2004/0009761 A1	01-15-2004	Money et al.	
	9	2004/0019539 A1	01-29-2004	Raman et al.	
	10	2006/0025122 A1	02-02-2006	Harris et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]

27527307

Examiner Signature	Date Considered
***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T[1] - Place a check mark in this area when an English language Translation is attached.

META 1002
META V. VOIP-PAL

Electronic Acknowledgement Receipt

EFS ID:	31693117
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20995
Filer:	John M Carson/Norman Green
Filer Authorized By:	John M Carson
Attorney Docket Number:	DIGIF.004C1
Receipt Date:	02-FEB-2018
Filing Date:	24-SEP-2013
Time Stamp:	19:54:27
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		SECOND_IDS_DIGIF_004C1_02_02_2018.pdf	89589 7503c46f10b593370dc94014ce6a37c5f955251c	yes	3

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Transmittal Letter	1	2
	Information Disclosure Statement (IDS) Form (SB08)	3	3
Warnings:			
Information:			
	Total Files Size (in bytes):	89589	

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New Applications Under 35 U.S.C. 111

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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.

INFORMATION DISCLOSURE STATEMENT

First Inventor	:	Johan Emil Viktor Björsell
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

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

References and Listing

Pursuant to 37 CFR 1.56, an Information Disclosure Statement listing references is provided herewith. Copies of any listed foreign and non-patent literature references are being submitted.

No Disclaimers

To the extent that anything in the Information Disclosure Statement or the listed references could be construed as a disclaimer of any subject matter supported by the present application, Applicant hereby rescinds and retracts such disclaimer.

Timing of Disclosure

This Information Disclosure Statement is being filed within three months of the filing date or date of national phase entry, with an RCE or before receipt of a First Office Action after an RCE, and no fee is believed to be required.

META 1002
META V. VOIP-PAL

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 2/2/18

By: _____

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Customer No. 20995
(858) 707-4000

IDS
27527525

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor	:	Johan Emil Viktor Björsell
App. No.	:	14/035,806
Filed	:	September 24, 2013
For	:	MOBILE GATEWAY
Examiner	:	Rahman, M. Mostazir
Art Unit	:	2411
Conf. No.	:	5562

REPLY TO FINAL OFFICE ACTION WITH AMENDMENT AFTER REQUEST FOR CONTINUING EXAMINATION

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

Dear Commissioner:

In reply to the final Office Action dated August 28, 2017, and after Request for Continued Examination filed November 29, 2017, Applicant presents the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Summary of Interview begins on page 27 of this paper.

Remarks begin on page 28 of this paper.

META 1002
META V. VOIP-PAL

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A method of establishing communications between a wireless device and a destination node of a communications network, the method comprising:

receiving from a user of the wireless device a destination node identifier associated with the destination node;

transmitting an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device;

receiving an access code reply message from the access server in response to the access code request message, the access code reply message including an access code based on the location identifier in the access code request message, the access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, the access code being distinct from the destination node identifier; and

establishing communications between the wireless device and the destination node through the channel identified by the access code.

2. (Original) The method of claim 1, wherein transmitting comprises transmitting the access code request message to the access server on a non-voice network.

3. (Original) The method of claim 1, wherein transmitting comprises transmitting the access code request message as a Short Messaging Service (SMS) message.

4. (Original) The method of claim 1, wherein transmitting comprises transmitting the access code request message on a voice network.

5. (Original) The method of claim 4, wherein transmitting the access code request message on a voice network comprises transmitting the access code request message as a Short Messaging Service (SMS) message.

6. (Original) The method of claim 1, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless Internet Protocol (IP) network.

7. (Original) The method of claim 1, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless device.

8. (Original) The method of claim 1, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless device.

9. (Original) The method of claim 1, wherein receiving the access code reply message comprises receiving the access code reply message from the access server on a non-voice network.

10. (Original) The method of claim 1, wherein receiving the access code reply message comprises receiving the access code reply message as a Short Messaging Service (SMS) message.

11. (Original) The method of claim 1, wherein receiving comprises receiving the access code reply message on a voice network.

12. (Original) The method of claim 11, wherein receiving the access code reply message on a voice network comprises receiving the access code reply message as a Short Messaging Service (SMS) message.

13. (Original) The method of claim 1, wherein receiving the access code reply message comprises receiving, in the access code reply message, an access code temporarily associated with the destination node identifier.

14. (Original) The method of claim 1, wherein receiving the access code reply message comprises receiving, in the access code reply message, a telephone number or an Internet Protocol (IP) address.

15. (Original) The method of claim 14, wherein establishing communications between the wireless device and the destination node comprises engaging a routing controller to route the call on a public switched telephone network (PSTN) or an IP network to the destination node.

16. (Original) The method of claim 1 further comprising:

receiving at the access server, the access code request message from the wireless device;

causing the access server to communicate with a routing controller to obtain from the routing controller the access code, wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless device in a subsequent communication to cause the routing controller to establish a call to the destination node using the communications channel; and

causing the access server to transmit the access code reply message to the wireless device.

17. (Original) The method of claim 16, wherein transmitting the access code reply message comprises transmitting the access code reply message as a Short Messaging Service (SMS) message.

18. (Original) The method of claim 16, wherein transmitting the access code reply message comprises transmitting the access code reply message on a voice network.

19. (Original) The method of claim 18, wherein transmitting the access code reply message on a voice network comprises transmitting the access code request message as a Short Messaging Service (SMS) message.

20. (Previously presented) A wireless apparatus comprising:

means for receiving from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate;

means for transmitting an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless apparatus;

means for receiving an access code reply message from the access server in response to the access code request message, the access code reply message including an access code based on the location identifier in the access code request message, the access code identifying a communications channel on a gateway through which communications between the wireless apparatus and the destination node can be conducted, the access code being distinct from the destination node identifier; and

means for establishing communications between the wireless apparatus and the destination node through the communications channel identified by the access code.

21. (Previously presented) The apparatus of claim 20, wherein the means for transmitting comprises a non-voice network interface for transmitting the access code request message to the access server on a non-voice network.

22. (Original) The apparatus of claim 20, wherein the means for transmitting includes means for transmitting the access code request message as a Short Messaging Service (SMS) message.

23. (Original) The apparatus of claim 20, wherein the means for transmitting comprises means for transmitting the access code request message on a voice network.

24. (Original) The apparatus of claim 23, wherein the means for transmitting the access code request message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message.

25. (Original) The apparatus of claim 20, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless apparatus in a wireless IP network.

26. (Original) The apparatus of claim 20, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless apparatus.

27. (Original) The apparatus of claim 20, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless apparatus.

28. (Original) The apparatus of claim 20, wherein the means for receiving an access code reply message comprises a non-voice network interface for receiving the access code reply message on a non-voice network.

29. (Original) The apparatus of claim 20, wherein the means for receiving the access code request message comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

30. (Original) The apparatus of claim 20, wherein the means for receiving comprises means for receiving the access code request message on a voice network.

31. (Original) The apparatus of claim 30, wherein the means for receiving the access code request message on a voice network comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

32. (Original) The apparatus of claim 20, wherein the access code includes a telephone number or an IP address.

33. (Original) The wireless apparatus of claim 20, wherein the means for establishing communications comprises a mobile telephone network interface.

34. (Previously presented) A system for enabling roaming by a wireless apparatus, the system comprising the wireless apparatus of claim 20 and further comprising:

a routing controller;

the access server, wherein the access server comprises:

means for receiving from the wireless apparatus the access code request message;

means for communicating with the routing controller to obtain from the routing controller the access code wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel; and

means for transmitting the access code reply message including the access code to the wireless apparatus.

35. (Original) The system of claim 34, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message.

36. (Original) The system of claim 34, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message on a voice network.

37. (Original) The system of claim 36, wherein the means for transmitting the access code reply message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message.

38. (Previously presented) A wireless apparatus comprising:

a processor circuit comprising at least one processor;

a network interface in communication with the processor circuit; and

a non-transitory computer readable medium having computer executable codes stored thereon for directing the processor circuit to cooperate with the network interface to:

receive from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate;

transmit an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless apparatus;

receive an access code reply message from the access server in response to the access code request message, the access code reply message including an access code based on the location identifier in the access code request message, the access code identifying a communications channel on a gateway through which communications between the wireless apparatus and the destination node can be conducted, the access code being distinct from the destination node identifier; and

establish communications between the wireless apparatus and the destination node through the communications channel identified by the access code.

39. (Original) The apparatus of claim 38, wherein the network interface comprises a non-voice network interface, and wherein the codes for directing the processor circuit to cause the access code request message to be transmitted include codes for directing the processor circuit to cause the access code request message to be transmitted to the access server using the non-voice network interface on a non-voice network.

40. (Original) The apparatus of claim 38, wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted as a Short Messaging Service (SMS) message.

41. (Original) The apparatus of claim 38, wherein the network interface comprises a voice network interface and wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted on a voice network.

42. (Original) The apparatus of claim 41, wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted as a Short Messaging Service (SMS) message on the voice network.

43. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless apparatus in a wireless IP network.

44. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless apparatus.

45. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless apparatus.

46. (Original) The wireless apparatus of claim 38, wherein the network interface comprises a non-voice network interface, and wherein the codes for directing the processor circuit to receive an access code reply message include codes for directing the processor circuit to cause the access code reply message to be received from the access server using the non-voice network interface on a non-voice network.

47. (Original) The wireless apparatus of claim 38, wherein the access code includes a telephone number or an IP address.

48. (Previously presented) The wireless apparatus of claim 38, wherein the network interface comprises a mobile telephone network interface, and wherein the codes for directing the processor circuit to establish communications between the wireless apparatus and the destination node to include codes for directing the processor circuit to cause a call to be initiated using the mobile telephone network interface on a mobile telephone network.

49. (Original) A system for enabling roaming by a wireless apparatus, the system comprising the wireless apparatus of claim 38 and further comprising:

a routing controller; and