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12 UNITED STATES DISTRICT COURT
13 DISTRICT OF NEVADA

14 * * *

15 VOIP-PAL.COM, INC, a Nevada corporation,
16 Plaintiff,
17 v.
18 APPLE, INC, a California corporation,
19 Defendants.

CASE NO.:

CHART 2

**ASSERTED CLAIMS AND
INFRINGEMENT CONDITIONS**

CHART 2

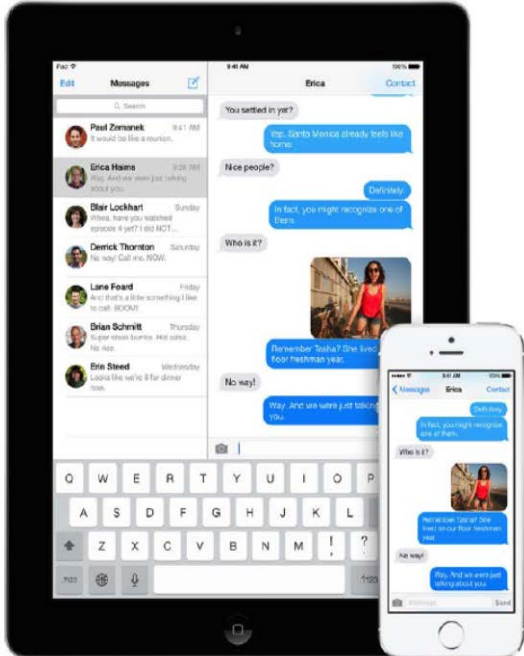
**CHART SUPPORTING ASSERTED CLAIMS AND INFRINGEMENT CONTENTIONS
CONCERNING U.S. PATENT NO. 9,179,005**

20 Apple Inc. (“Apple”) manufacturers, supports and operates a messaging platform (the
21 “Apple Messaging System”) that includes Apple desktop computers, laptops, tablets and mobile
22 devices, software applications running on such devices and servers associated with iMessage, an
23 instant messaging service. The Apple Messaging System allows smartphone and desktop users to
24 send messages including text, images, video and audio to others. Apple practices certain claims
25 of U.S. Patent No. 9,179,005 (“the ’005 patent”) as illustrated in the chart below.

26 The Apple Messaging System allows devices to initiate a communication between a
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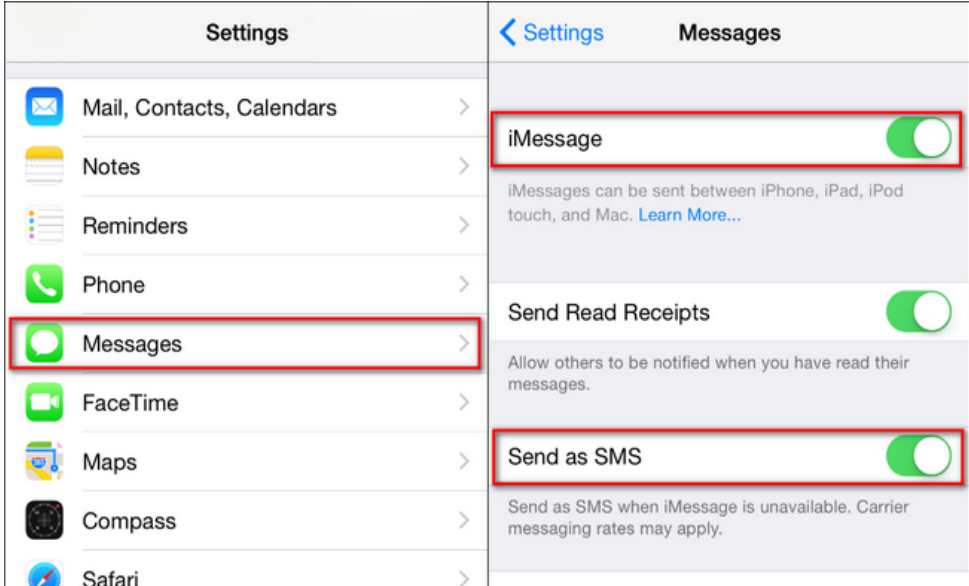
1 caller, or a first participant, and a callee, or a second participant, which may be an Apple
 2 subscriber or a non-subscriber. A profile that includes attributes is used as part of the process
 3 that classifies a communication.

4 This chart applies claims 1, 24 – 26, 49, 50, 73 – 77, 79, 83, 84, 88, 89, 92, 94, 96, 98 and
 5 99 of the '005 patent to the Apple Messaging System.

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Claim	Accused Device/Instrumentality
<p>6</p> <p>7</p> <p>8</p> <p>9 1. [1p] A process 10 for producing a 11 routing message 12 for routing 13 communications 14 between a caller 15 and a callee in a 16 communication 17 system, the 18 process 19 comprising:</p>	<p>20</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p> <p>26</p> <p>27</p> <p>28</p> <p>The Apple Messaging System produce a routing message for routing communications between a caller and a callee in a communication system.</p> <p>The Apple Messaging System offers messaging services through its Messages application, which is available for Apple desktop computers, laptops, tablets and mobile devices running OS X, iOS and watchOS operating systems.</p>  <p>Messages. Unlimited texting. Unlimited fun.</p> <p>If you're a texter, you'll love Messages on iPhone, iPad and iPod touch. Now they all come with iMessage, a service that's an even better kind of texting. Because it's free for you and anyone texting over Wi-Fi using an iOS device or Mac with iMessage. And it's unlimited.* So say as much as you want.</p> <p>Apple Messages allows iPads and iPhones connected to a cellular network and/or Wi-Fi network to send messages including text, audio, video and images to other users.</p>
<p>[1a] using a caller identifier associated with</p>	<p>The Apple Messaging System uses a caller identifier associated with the caller to locate a caller dialing profile comprising a plurality of calling attributes associated with the caller.</p>

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Claim	Accused Device/Instrumentality
<p>the caller to locate a caller dialing profile comprising a plurality of calling attributes associated with the caller;</p>	<p>In the Apple Messaging System the caller identifier includes the Apple ID or other identifier of the caller. A message is initiated by the Messages application. A caller dialing profile including calling attributes includes information used in the classification of a communication, such as settings stored on the caller device, information stored on an Apple server, and/or information obtained regarding the connection of the caller device to the network.</p>
<p>[1b] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee meet private network classification criteria,</p>	<p>The Apple Messaging System determines if at least one of the calling attributes and at least a portion of a callee identifier associated with the callee meet private network classification criteria.</p> <p>The message initiation includes information associated with the recipient based on the contact list of the smartphone or entered by the user. The callee identifier includes a phone number associated with the callee.</p> <p>The Apple Messaging System allows messages to be sent using iMessage and using SMS/MMS. Private network classification criteria represents routing the message using iMessage. Calling attributes are used to establish a private network classification criteria.</p> <p>One example of calling attributes being used to establish private network classification criteria is the use of caller routing settings. If the caller has activated the “iMessage” setting on their phone and the callee is an Apple subscriber with iMessage available, then the message can be sent using iMessage.</p>  <p>The screenshot shows two side-by-side panels. The left panel is the 'Settings' app with 'Messages' highlighted by a red box. The right panel is the 'Messages' app settings, with 'iMessage' and 'Send as SMS' options highlighted by red boxes. Both 'iMessage' and 'Send as SMS' are turned on (green toggle).</p>

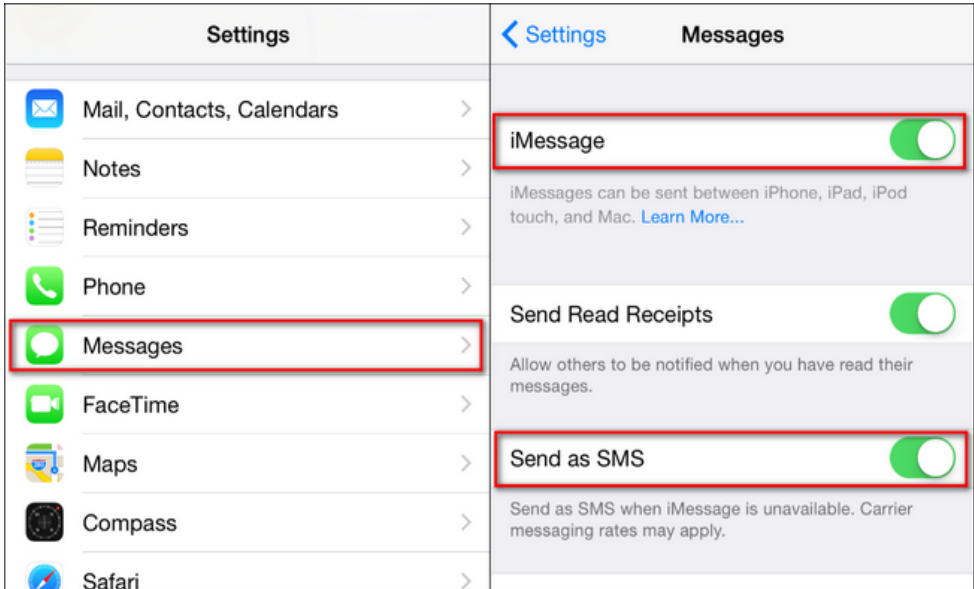
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Claim	Accused Device/Instrumentality
	<p>Another example of calling attributes being used to establish private network classification criteria is the use of caller information to interpret the callee identifier. For example, if the callee identifier is an international phone number with international dialing digits (IDD) or national dialing digits (NDD) prepended, information associated with the registered location of the caller and/or the physical location of the caller is used to determine how to reformat the callee identifier before it can be determined if the callee is an Apple subscriber with iMessage available.</p> <p>Another example of calling attributes being used to establish private network classification criteria is the use of saved information on the caller device and/or saved information stored on Apple servers regarding recently sent messages. For example, if a message is being sent to a callee that has recently been sent a message using iMessage, the message may be classified as private based on the saved information.</p> <p>Another example of calling attributes being used to establish private network classification criteria is the use of caller account status information. If the account of the caller is active and not configured to block communication with the callee, and the callee is an Apple subscriber with iMessage available, then the message can be sent using iMessage. If an Apple ID is locked, no messages are allowed to be sent using the Apple Messages System.</p> <p style="text-align: center;">If your Apple ID is locked</p> <p>If you or someone else enters your password, security questions, or other account information incorrectly too many times, your Apple ID automatically locks to protect your security and you can't sign in to any Apple services. You can unlock your Apple ID after you verify your identity.</p> <p>If your Apple ID is locked for security reasons, you might see one of these alerts:</p> <ul style="list-style-type: none"> • "This Apple ID has been disabled for security reasons" • "You can't sign in because your account was disabled for security reasons" • "This Apple ID has been locked for security reasons"
[1c] producing a private network routing message for receipt by a call controller, said private	<p>The Apple Messaging System produces a private network routing message for receipt by a call controller which identifies an address on the private network associated with the callee.</p> <p>The iMessage protocol is based on the Apple Push Notification Service. If a user message is sent using iMessage, a message is sent to an Apple Push</p>

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Claim	Accused Device/Instrumentality
<p>network routing message identifying an address, on the private network, associated with the callee; and</p>	<p>Notification server which communicates with the callee's device.</p> <h3 data-bbox="570 380 1154 426">Apple Push Notification Service</h3> <p data-bbox="570 474 1498 590">Apple Push Notification service (APNs) is the centerpiece of the remote notifications feature. It is a robust and highly efficient service for propagating information to iOS (and, indirectly, watchOS), tvOS, and OS X devices. Each device establishes an accredited and encrypted IP connection with APNs and receives notifications over this persistent connection. If a notification for an app arrives when that app is not running, the device alerts the user that the app has data waiting for it.</p> <p data-bbox="548 632 1487 699">The Messages application indicates that a message is sent using iMessage by filling in the text bubble of the message with the color blue.</p>
<p>[1d] when at least one of said calling attributes and at least a portion of said callee identifier meet a public network classification criterion,</p>	<p>The Apple Messaging System determines if at least one of the calling attributes and at least a portion of the callee identifier meet public network classification criteria.</p> <p>The Apple Messaging System allows messages to be sent using iMessage and through a gateway to a public network using SMS/MMS. Public network classification criteria represents routing the message using SMS/MMS. Calling attributes are used to establish a public network classification criteria.</p> <p>One example of calling attributes being used to establish public network classification criteria is the use of caller routing settings. If the caller has activated the "iMessage" setting on their phone and also the "Send as SMS" setting, and the callee is not an Apple subscriber or is an Apple subscriber but with iMessage not available, then the message is sent using SMS/MMS.</p> 

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Claim	Accused Device/Instrumentality
	<p>Another example of calling attributes being used to establish public network classification criteria is the use of caller information to interpret the callee identifier. For example, if the callee identifier is an international phone number with international dialing digits (IDD) or national dialing digits (NDD) prepended, information associated with the registered location of the caller and/or the physical location of the caller is used to determine how to reformat the callee identifier before it can be determined if the callee is an Apple subscriber with iMessage available.</p> <p>Another example of calling attributes being used to establish public network classification criteria is the use of saved information on the caller device and/or saved information stored on Apple servers regarding recently sent messages. For example, if a message is being sent to a callee that has recently been sent using SMS/MMS, the message may be classified as public based on the saved information.</p> <p>Another example of calling attributes being used to establish public network classification criteria is the use of caller account status information. If the account of the caller is active and not configured to block communication with the callee, and the callee is not an Apple subscriber or is an Apple subscriber but with iMessage not available, then the message is sent using SMS/MMS. If an Apple ID is locked, no messages are allowed to be sent using the Apple Messages System.</p> <p style="text-align: center;">If your Apple ID is locked</p> <p>If you or someone else enters your password, security questions, or other account information incorrectly too many times, your Apple ID automatically locks to protect your security and you can't sign in to any Apple services. You can unlock your Apple ID after you verify your identity.</p> <p>If your Apple ID is locked for security reasons, you might see one of these alerts:</p> <ul style="list-style-type: none"> • "This Apple ID has been disabled for security reasons" • "You can't sign in because your account was disabled for security reasons" • "This Apple ID has been locked for security reasons"
[1e] producing a public network routing message for receipt by the call controller, said public	<p>The Apple Messaging System produces a public network routing message for receipt by a call controller which identifies a gateway to the public network.</p> <p>If a message is sent using SMS/MMS, the device running the Messages application delivers the message using a gateway associated with the</p>

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Claim	Accused Device/Instrumentality
network routing message identifying a gateway to the public network.	cellular network. The Messages application indicates that a message is sent to a non-Apple subscriber by filling in the text bubble of the message with the color green.
24. The process of claim 1, further comprising causing the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.	The Apple Messaging System cause the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call. The Apple Messaging System uses a call controller apparatus that includes one or more Apple servers and/or the caller Apple device.
25. A non-transitory computer readable medium encoded with codes for directing a processor to execute the method of claim 1.	The Apple Messaging System include a non-transitory computer readable medium encoded with codes for directing a processor to execute the method of claim 1. The Apple Messaging System uses processors with instructions in the device running the Messages application and Apple servers. See claim elements [1p], [1a], [1b], [1c], [1d] and [1e].
26. [26p] A call routing controller apparatus for producing a routing message for routing communications between a caller and a callee in a communication	The Apple Messaging System include a call routing controller apparatus for producing a routing message for routing communications between a caller and a callee in a communication system. The Apple Messaging System uses a call routing controller apparatus that includes one or more Apple servers and/or the caller Apple device. See claim element [1p].

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Claim	Accused Device/Instrumentality
system, the apparatus comprising:	
[26a] at least one processor operably configured to:	The Apple Messaging System include at least one processor. The Apple Messaging System uses processors with instructions in the device running the Messages application and/or Apple servers.
[26b] use a caller identifier associated with the caller to locate a caller dialing profile comprising a plurality of calling attributes associated with the caller;	See claim element [1a].
[26c] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee meet private network classification criteria,	See claim element [1b].
[26d] produce a private network routing message for receipt by a call controller, said private network routing message identifying an address, on the	See claim element [1c].

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Claim	Accused Device/Instrumentality
private network, associated with the callee; and	
[26e] when at least one of said calling attributes and at least a portion of said callee identifier meet a public network classification criterion,	See claim element [1d].
[26f] produce a public network routing message for receipt by the call controller, said public network routing message identifying a gateway to the public network.	See claim element [1e].
49. The apparatus of claim 26, wherein said at least one processor is further operably configured to cause the private network routing message or the public network routing message to be communicated to a call controller to effect routing	<p>The Apple Messaging System cause the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.</p> <p>The Apple Messaging System uses a call controller that includes one or more Apple servers and/or the caller Apple device.</p>

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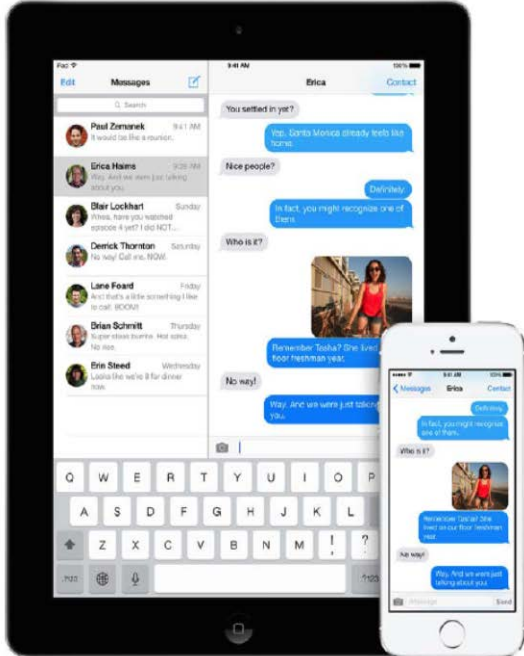
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Claim	Accused Device/Instrumentality
of the call.	
50. [50p] A call routing controller apparatus for producing a routing message for routing communications between a caller and a callee in a communication system, the apparatus comprising:	<p>The Apple Messaging System include a call routing controller apparatus for producing a routing message for routing communications between a caller and a callee in a communication system.</p> <p>The Apple Messaging System uses a call routing controller apparatus that includes one or more Apple servers and/or the caller Apple device.</p> <p>See claim element [1p].</p>
[50a] means for using a caller identifier associated with the caller to locate a caller dialing profile comprising a plurality of calling attributes associated with the caller; and	See claim element [1a].
[50b] means for, when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee meet private network classification criteria,	See claim element [1b].
[50c] producing a private network	See claim element [1c].

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Claim	Accused Device/Instrumentality
routing message for receipt by a call controller, said private network routing message identifying an address, on the private network, associated with the callee; and	
[50d] means for, when at least one of said calling attributes and at least a portion of said callee identifier meet a public network classification criterion,	See claim element [1d].
[50e] producing a public network routing message for receipt by the call controller, said public network routing message identifying a gateway to the public network.	See claim element [1e].
73. The apparatus of claim 50, further comprising means for causing the private network routing message or the public	See claim element [49].

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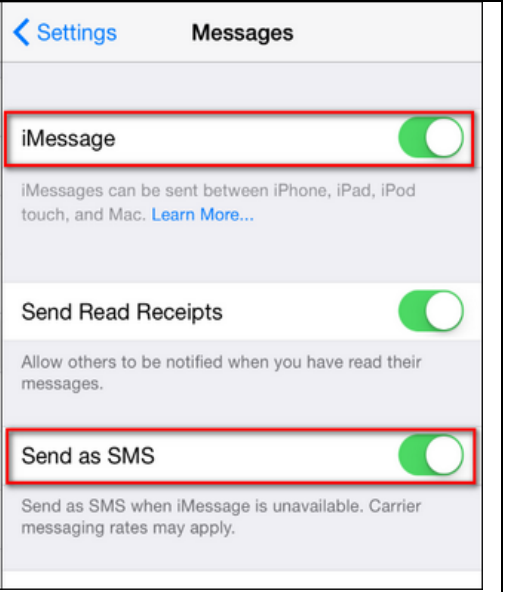
Claim	Accused Device/Instrumentality
<p>network routing message to be communicated to a call controller to effect routing of the call.</p>	
<p>74. [74p] A method of routing communications in a packet switched network in which a first participant identifier is associated with a first participant and a second participant identifier is associated with a second participant in a communication, the method comprising:</p>	<p>The Apple Messaging System routes communications in a packet switched network in which a first participant identifier is associated with a first participant and a second participant identifier is associated with a second participant in a communication.</p> <p>The Apple Messaging System offers messaging services through its Messages application, which is available for Apple desktop computers, laptops, tablets and mobile devices running OS X, iOS and watchOS operating systems.</p>  <p>Messages. Unlimited texting. Unlimited fun.</p> <p>If you're a texter, you'll love Messages on iPhone, iPad and iPod touch. Now they all come with iMessage, a service that's an even better kind of texting. Because it's free for you and anyone texting over Wi-Fi using an iOS device or Mac with iMessage. And it's unlimited.* So say as much as you want.</p> <p>Apple Messages allows iPads and iPhones connected to a cellular network and/or Wi-Fi network to send messages including text, audio, video and images to other users.</p> <p>The Apple Messaging System communicates over a packet switched network.</p> <p>In the Apple Messaging System the first participant identifier includes the</p>

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	Apple ID or other identifier of the first participant. The second participant identifier includes a phone number associated with the second participant.
[74a] after the first participant has accessed the packet switched network to initiate the communication, using the first participant identifier to locate a first participant profile comprising a plurality of attributes associated with the first participant;	<p>The Apple Messaging System, after the first participant has accessed the packet switched network to initiate the communication, uses the first participant identifier to locate a first participant profile comprising a plurality of attributes associated with the first participant.</p> <p>In the Apple Messaging System a message is initiated by the Messages application. A first participant profile including attributes includes information used in the classification of a communication, such as settings stored on the first participant device, information stored on an Apple server, and/or information obtained regarding the connection of the first participant device to the network.</p>
[74b] when at least one of the first participant attributes and at least a portion of the second participant identifier meet a first network classification criterion,	<p>The Apple Messaging System determines if at least one of the first participant attributes and at least a portion of the second participant identifier meet a first network classification criterion.</p> <p>The Apple Messaging System allows messages to be sent using iMessage and using SMS/MMS. First network classification criteria represents routing the message using the iMessage system. First participant attributes are used to establish a private network classification criteria.</p> <p>One example of first participant attributes being used to establish first network classification criteria is the use of first participant routing settings. If the first participant has activated the “iMessage” setting on their phone and the second participant is an Apple subscriber with iMessage available, then the message can be sent using iMessage.</p>

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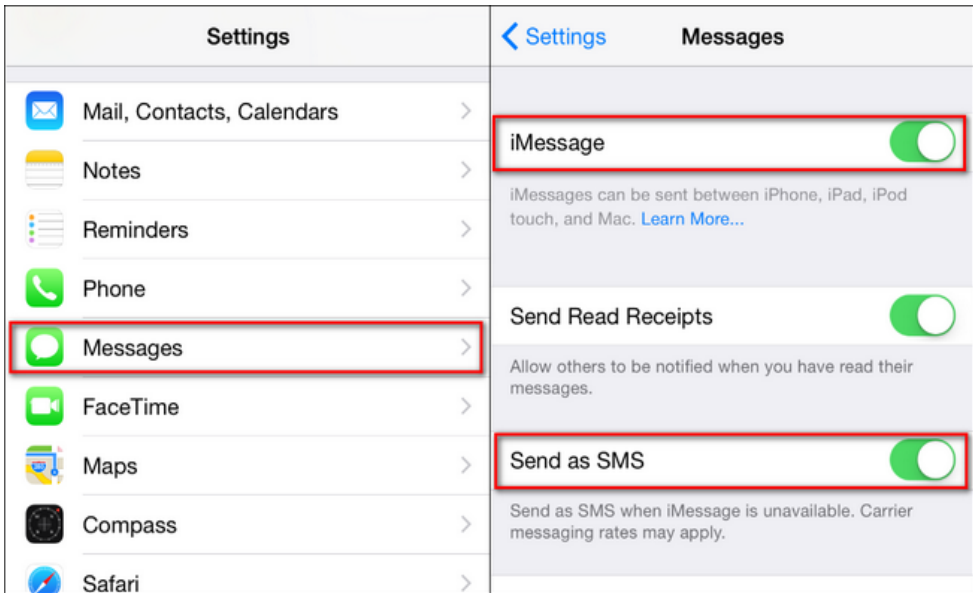
Claim	Accused Device/Instrumentality	
		
	<p>Another example of first participant attributes being used to establish first network classification criteria is the use of first participant information to interpret the second participant identifier. For example, if the second participant's identifier is an international phone number with international dialing digits (IDD) or national dialing digits (NDD) prepended, information associated with the registered location of the caller and/or the physical location of the caller is used to determine how to reformat the second participant identifier before it can be determined if the second participant is an Apple subscriber with iMessage available.</p> <p>Another example of first participant attributes being used to establish first network classification criteria is the use of saved information on the caller device and/or saved information stored on Apple servers regarding recently sent messages. For example, if a message is being sent to a callee that has recently been sent a message using iMessage, the message may be classified as meeting the first criteria based on the saved information.</p> <p>Another example of first participant attributes being used to establish first network classification criteria is the use of first participant account status information. If the account of the first participant is active and not configured to block communication with the second participant, and the second participant is an Apple subscriber with iMessage available, then the message can be sent using iMessage. If an Apple ID is locked, no messages are allowed to be sent using the Apple Messages System.</p>	

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Claim	Accused Device/Instrumentality
	<p>If your Apple ID is locked</p> <p>If you or someone else enters your password, security questions, or other account information incorrectly too many times, your Apple ID automatically locks to protect your security and you can't sign in to any Apple services. You can unlock your Apple ID after you verify your identity.</p> <p>If your Apple ID is locked for security reasons, you might see one of these alerts:</p> <ul style="list-style-type: none"> • "This Apple ID has been disabled for security reasons" • "You can't sign in because your account was disabled for security reasons" • "This Apple ID has been locked for security reasons"
<p>[74c] producing a first network routing message for receipt by a controller, the first network routing message identifying an address in a first portion of the packet switched network, the address being associated with the second participant, the first portion being controlled by an entity; and</p>	<p>The Apple Messaging System produces a first network routing message for receipt by a controller which identifies an address, associated with the second participant, in a first portion of the packet switched network, which is controlled by an entity.</p> <p>The iMessage protocol is based on the Apple Push Notification Service. If a user message is sent using iMessage, a message is sent to an Apple Push Notification server which communicates with the second participant's device.</p> <h3 style="text-align: center;">Apple Push Notification Service</h3> <p>Apple Push Notification service (APNs) is the centerpiece of the remote notifications feature. It is a robust and highly efficient service for propagating information to iOS (and, indirectly, watchOS), tvOS, and OS X devices. Each device establishes an accredited and encrypted IP connection with APNs and receives notifications over this persistent connection. If a notification for an app arrives when that app is not running, the device alerts the user that the app has data waiting for it.</p> <p>The Messages application indicates that a message is sent using iMessage by filling in the text bubble of the message with the color blue.</p>
<p>[74d] when at least one of the first participant attributes and at least a portion of the second participant identifier meet a second network classification criterion,</p>	<p>The Apple Messaging System determines if at least one of the first participant attributes and at least a portion of the second participant identifier meet a second network classification criterion.</p> <p>The Apple Messaging System allows messages to be sent using iMessage and through a gateway to a public network using SMS/MMS. Second network classification criteria represents routing the message using SMS/MMS. First participant attributes are used to establish a second network classification criteria.</p> <p>One example of first participant attributes being used to establish second network classification criteria is the use of first participant routing settings.</p>

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U.S. Patent No. 9,179,005

Claim	Accused Device/Instrumentality
	<p>If the first participant has activated the “iMessage” setting on their phone and also the “Send as SMS” setting, and the second participant is not an Apple subscriber or is an Apple subscriber but with iMessage not available, then the message is sent using SMS/MMS.</p>  <p>The screenshot shows two side-by-side panels. The left panel is the 'Settings' app, with the 'Messages' option highlighted by a red box. The right panel is the 'Messages' settings screen, with three items highlighted by red boxes: 'iMessage' (which is turned on), 'Send Read Receipts' (which is turned on), and 'Send as SMS' (which is turned on). Below the screenshot, there are three paragraphs of text describing examples of network classification criteria.</p> <p>Another example of first participant attributes being used to establish second network classification criteria is the use of first participant information to interpret the second participant identifier. For example, if the second participant’s identifier is an international phone number with international dialing digits (IDD) or national dialing digits (NDD) prepended, information associated with the registered location of the caller and/or the physical location of the caller is used to determine how to reformat the second participant identifier before it can be determined if the second participant is an Apple subscriber with iMessage available.</p> <p>Another example of first participant attributes being used to establish second network classification criteria is the use of saved information on the caller device and/or saved information stored on Apple servers regarding recently sent messages. For example, if a message is being sent to a callee that has recently been sent a message using SMS/MMS, the message may be classified as meeting the second criteria based on the saved information.</p> <p>Another example of first participant attributes being used to establish second network classification criteria is the use of first participant account status information. If the account of the first participant is active and not configured to block communication with the second participant, and the second participant is not an Apple subscriber or is an Apple subscriber but</p>

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	<p>with iMessage not available, then the message is sent using SMS/MMS. If an Apple ID is locked, no messages are allowed to be sent using the Apple Messages System.</p> <p>If your Apple ID is locked</p> <p>If you or someone else enters your password, security questions, or other account information incorrectly too many times, your Apple ID automatically locks to protect your security and you can't sign in to any Apple services. You can unlock your Apple ID after you verify your identity.</p> <p>If your Apple ID is locked for security reasons, you might see one of these alerts:</p> <ul style="list-style-type: none"> • "This Apple ID has been disabled for security reasons" • "You can't sign in because your account was disabled for security reasons" • "This Apple ID has been locked for security reasons"
<p>[74e] producing a second network routing message for receipt by the controller, the second network routing message identifying an address in a second portion of the packet switched network, the second portion not controlled by the entity.</p>	<p>The Apple Messaging System produce a second network routing message for receipt by the controller which identifies an address in a second portion of the packet switched network, which is not controlled by the entity.</p> <p>If a message is sent using SMS/MMS, the device running the Messages application delivers the message using a gateway associated with the cellular network.</p>
<p>75. The method of claim 74, wherein the packet switched network comprises the Internet.</p>	<p>In the Apple Messaging System the packet switched network includes the Internet.</p>
<p>76. The method of claim 74,</p>	<p>In the Apple Messaging System the first participant identifier comprises a first participant telephone number or username.</p>

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wherein the first participant identifier comprises a first participant telephone number or username.	
77. The method of claim 74, wherein the second participant identifier comprises a second participant telephone number or username.	In the Apple Messaging System the second participant identifier comprises a second participant telephone number or username.
79. The method of claim 74, wherein the packet switched network is accessed via an Internet service provider.	In the Apple Messaging System the packet switched network is accessed via an Internet service provider.
83. The method of claim 74, wherein the first network classification criterion is satisfied when an address associated with the first participant and the address associated with	In the Apple Messaging System the first network classification criterion is satisfied when an address associated with the first participant and the address associated with the second participant are both in the first portion of the packet switched network.

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the second participant are both in the first portion of the packet switched network.	
84. The method of claim 74, wherein the address in the first portion is accessible through the first participant's Internet service provider.	In the Apple Messaging System the address in the first portion is accessible through the first participant's Internet service provider.
88. The method of claim 74, wherein the entity is an entity supplying communication services for the first portion.	In the Apple Messaging System the entity is an entity supplying communication services for the first portion.
89. The method of claim 74, wherein the second network classification criterion is satisfied when access to the second participant requires routing through a portion of the packet switched network operated by a communication	In the Apple Messaging System the second network classification criterion is satisfied when access to the second participant requires routing through a portion of the packet switched network operated by a communication service supplier.

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service supplier.	
92. The method of claim 74, wherein the address in the second portion of the packet switched network comprises an address accessed by a communication service supplier.	In the Apple Messaging System the address in the second portion of the packet switched network comprises an address accessed by a communication service supplier.
94. [94p] A system for routing communications in a packet switched network in which a first participant in a communication has an associated first participant identifier and a second participant in the communication has an associated second participant identifier.	The Apple Messaging System routes communications in a packet switched network in which a first participant in a communication has an associated first participant identifier and a second participant in the communication has an associated second participant identifier. See claim element [74p].
[94a] a controller comprising: a processor operably configured to	The Apple Messaging System include a controller comprising a processor operably configured to access a memory. The Apple Messaging System uses a controller with processors, memory and instructions that includes the device running the Messages application

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access a memory, wherein the processor is configured to:	and/or Apple servers.
[94b] after the first participant has accessed the packet switched network to initiate the communication, locate a first participant profile in the memory using the first participant identifier, the first participant profile comprising a plurality of attributes associated with the first participant;	See claim element [74a].
[94c] produce a first network routing message when at least one of the first participant attributes and at least a portion of the second participant identifier meet a first network classification criterion,	See claim element [74b].

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[94d] the first network routing message identifying an address in a first portion of the packet switched network, the address being associated with the second participant, the first portion being controlled by an entity; and	See claim element [74c].
[94e] produce a second network routing message when at least one of the first participant attributes and at least a portion of the second participant identifier meet a second network classification criterion,	See claim element [74d].
[94f] the second network routing message identifying an address in a second portion of the packet switched network, the second portion not controlled by the entity.	See claim element [74e].

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96. The system of claim 94, wherein the packet switched network is accessed via an Internet service provider.	See claim 79.
98. The system of claim 94, wherein the second network classification criterion is satisfied when access to the second participant requires routing through a portion of the packet switched network operated by a communication service supplier.	See claim 89.
99. [99p] A non-transitory computer readable medium comprising instructions that when executed cause a processor to perform a method of routing communications in a packet switched network in which a first participant	The Apple Messaging System include a non-transitory computer readable medium comprising instructions that when executed cause a processor to perform a method of routing communications in a packet switched network in which a first participant identifier is associated with a first participant and a second participant identifier is associated with a second participant in a communication The Apple Messaging System uses processors with instructions in the device running the Messages application and/or Apple servers. See claim element [74p].

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<p>identifier is associated with a first participant and a second participant identifier is associated with a second participant in a communication, the method comprising:</p>	
<p>[99a] after the first participant has accessed the packet switched network to initiate the communication, using the first participant identifier to locate a first participant profile comprising a plurality of attributes associated with the first participant;</p>	<p>See claim element [74a].</p>
<p>[99b] when at least one of the first participant attributes and at least a portion of the second participant identifier meet a first network classification criterion,</p>	<p>See claim element [74b].</p>

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[99c] producing a first network routing message for receipt by a controller, the first network routing message identifying an address in a first portion of the packet switched network, the address being associated with the second participant, the first portion being controlled by an entity; and	See claim element [74c].
[99d] when at least one of the first participant attributes and at least a portion of the second participant identifier meet a second network classification criterion,	See claim element [74d].
[99e] producing a second network routing message for receipt by the controller, the second network routing message identifying an address in a second portion of the packet	See claim element [74e].

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switched network, the second portion not controlled by the entity.	