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UNITED STATES PATENT NO. 7,024,183

PRELIMINARY INFRINGEMENT CONTENTIONS¹

Accused Apple Products: Apple's iPhone line of products running Apple iOS 5 and later, including at least the iPhone 3GS, iPhone 4, iPhone 4S, and iPhone 5².

Apple directly infringes the '183 patent, either literally or through the doctrine of equivalents, pursuant to 35 U.S.C. § 271(a).

In addition to Apple's direct infringement of the '183 patent through its development, testing, use, distribution and sale of its products and services, Apple also indirectly infringes the '183 patent pursuant to 35 U.S.C. § 271(b) and (c). End-users and others in the distribution channel of the Accused Apple Products directly infringe this claim by using, selling, offering for sale, and/or importing these devices into the United States. Apple contributes to and induces the infringement of the asserted claims through its promotion and provision of marketing, sale and/or technical support of the Accused Apple Products and associated services in the United States, and through the design, marketing, manufacture, sale, and/or technical support of the Accused Apple Products. Apple supplies Accused Apple Products and actively encourages the use, sale, offer for sale, and importation of the same in the United States through the promotion and provision of marketing literature, promotion, and user guides, which induces and results in direct infringement. Apple has known or should have known that these actions would cause direct infringement of the '183 patent and did so with specific intent to encourage direct infringement, at least as of April 13, 2012, Motorola served Apple with Motorola's motion for leave to file Motorola's first amended complaint in this litigation, which attached the '183 patent as an exhibit. Despite knowing of the '072 patent, Apple continues to make, use, offer to sell, and sell its products and has continued to circulate marketing literature

¹ Motorola Mobility's investigation is ongoing and discovery is not yet complete. Apple has, thus far, not produced all of its documents and source code relevant to the accused methods and products. Motorola reserves the right to supplement or amend these contentions based on subsequent discovery or disclosures made pursuant to FRCP 26. Motorola further reserves the right to amend and supplement its contentions with respect to any products released by Apple subsequent to the service of these initial infringement contentions, in accordance with the schedule set forth in the Court's Order of October 25, 2012. Further, to the extent Apple releases any new products with the same functionality accused of infringement in the Accused Apple Products in these contentions, Motorola reserves the right to seek appropriate relief from the court in accordance with its order of October 25, 2012 and in accordance with the Federal Rules of Civil Procedure.

² The term "Apple iPhone 5" means Apple's new iPhone announced by Apple on September 12, 2012. *See* <http://www.apple.com/pr/library/2012/09/12Apple-Introduces-iPhone-5.html>.

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and user guides encouraging users of the Accused Apple Products to infringe. Additionally, the identified features of the Accused Apple Products are material parts of the inventions of the asserted claims and have no substantial non-infringing uses.

‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
Claim 1	
<p>1. A method for intelligent communication management within a communication device comprising the steps of:</p>	<p>Upon information and belief, an “Apple iPhone” (i.e., an Apple iPhone product running Apple iOS 5 or later, as defined above) is a communication device having intelligent communication management. For instance, an Apple iPhone can send messages using Apple’s “iMessage” service, but when iMessage is off or unavailable, can send such messages using an SMS/MMS service. Similarly, for example, a text message that cannot be sent to a phone number may be sent to an email address.</p> <p><i>See generally</i> Apple iPhone User Guide For iOS 6 Software, (“iPhone User Guide”), available at http://manuals.info.apple.com/en/iphone_user_guide.pdf, and produced at MOTO-SDFL-0000016133, at Chap. 9 (pp. 64-66).</p> <p><i>See id.</i> at 64:</p>

³ This chart provides Motorola’s infringement analysis for the Accused Apple Products. Upon information and belief, the analysis set forth in this chart applies equally to all of the Accused Apple Products. In this claim chart, "Apple iPhone" refers to Apple’s iPhone line of products running Apple iOS 5 and later, including at least the iPhone 3GS, iPhone 4, iPhone 4S, and iPhone 5.

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<div data-bbox="642 272 751 380"></div> <div data-bbox="642 472 1234 516"><h3>Sending and receiving messages</h3></div> <div data-bbox="642 537 1877 646"><p>WARNING: For important information about avoiding distraction while driving, see Important safety information on page 146.</p></div> <div data-bbox="642 675 1835 748"><p>Messages lets you exchange text messages with other SMS and MMS devices via your cellular connection, and with other iOS devices using iMessage.</p></div> <div data-bbox="642 781 1877 976"><p>iMessage is an Apple service that lets you send unlimited messages over Wi-Fi (as well as cellular connections) to other iOS and OS X Mountain Lion users. With iMessage, you can see when other people are typing, and let them know when you've read their messages. iMessages are displayed on all of your iOS devices logged in to the same account, so you can start a conversation on one of your devices, and continue it on another device. iMessages are encrypted for security.</p></div> <div data-bbox="590 1032 1633 1065"><p>See also, e.g., http://www.apple.com/ios/messages/ (MOTO-SDFL-0000018793):</p></div>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <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>* * *</p> <p>Exchange words. Or photos. Or videos.</p> <p>iMessage lets you send messages back and forth with anyone on iPad, iPhone, iPod touch, or a Mac running Mountain Lion. Send photos, videos, locations, and contacts, too. If you have more than one Apple device, iMessage keeps the conversation going across all of them. And you can text and send photos and videos via MMS to other mobile phones over cellular networks. Even ask Siri to text for you. Just say "Tell Peter I'm on my way" and Siri writes your message and fires it off.</p> <p>* * *</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="596 553 789 586">Blue is best.</p> <p data-bbox="596 607 1203 768">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p>  <p data-bbox="596 1125 653 1146">* * *</p> <p data-bbox="596 1166 1577 1190">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1239 1026 1268"><i>See also iPhone User Guide at 64:</i></p> <p data-bbox="596 1317 1892 1398">An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>See also demonstration screenshot:</p>  <p>See also screenshots below, demonstrating that the text message with the content “Testing” sent by an iPhone (“646-943-2743”) to a contact (“Demonstration”) may be delivered using email where a phone number for the contact is unavailable.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The screenshot shows an iPhone Messages app interface. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '3:07 PM', and battery level '88%'. The message header shows 'Messages', 'Demonstration', and 'Edit'. Below the header are buttons for 'Email', 'FaceTime', and 'Contact >'. A text message is shown with the date 'Oct 30, 2012, 11:48 AM' and the content 'Testing'. At the bottom, there is a 'Text Message' input field and a 'Send' button.</p> <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p>Also, upon information and belief, an Apple iPhone can initiate a video call using Apple's "FaceTime" program, but when FaceTime is off or unavailable, initiate the call as a voice call over a</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>cellular connection.</p> <p>See, e.g., http://www.apple.com/ios/facetime/:</p> <div data-bbox="596 492 699 592"></div> <p data-bbox="596 618 894 776">FaceTime Be in two places at once.</p> <p data-bbox="596 797 982 1105">Hang with friends in one city. Visit family in another. Make that important meeting. While you're catching the game at the ballpark. With a tap, you can make video calls over Wi-Fi from your iPhone, iPad, iPod touch, or Mac to someone else's. You can even make FaceTime calls over cellular networks on iPhone or iPad.* And be there in person, even when you're not.</p> <p data-bbox="596 1154 653 1175">* * *</p> <div data-bbox="1045 415 1896 1146"></div>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<h2 data-bbox="600 266 961 315">Set up FaceTime</h2> <p data-bbox="600 418 972 589">1 Go to Settings and tap FaceTime. Turn on FaceTime and tap "Use your Apple ID for FaceTime."</p>  <p data-bbox="588 932 1360 964"><i>See also iPhone User Guide at 47; see generally id. Chap. 5:</i></p> <h3 data-bbox="600 1008 737 1040">FaceTime</h3> <p data-bbox="600 1049 1602 1141">With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p data-bbox="600 1170 1602 1263"><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p data-bbox="600 1284 1602 1341">Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p data-bbox="600 1362 1503 1419">To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>Drag your image to any corner.</p> <p>Mute (you can hear and see; the caller can see but not hear).</p> <p>The FaceTime screen showing the person called, with an inset in the lower left corner showing the caller's face. Three buttons along the bottom, from left to right, let you mute the call, end the call, and switch cameras.</p> <p><i>Note:</i> With FaceTime locked or turned off.</p> <p>Use Siri or Voice Control: Press and hold the Home button , then say "FaceTime," followed by the name of the person to call.</p> <p>Set FaceTime options: Go to Settings > FaceTime to:</p> <ul style="list-style-type: none"> • Turn FaceTime on or off • Specify your Apple ID or an email address for receiving FaceTime calls <p>See also http://support.apple.com/kb/ht4319 (last accessed September 1, 2012, and produced at MOTO-SDFL-0000018842):</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>What information do I need to call someone using FaceTime?</p> <p>To call someone using FaceTime, you need their phone number or email address. Which one you use is determined by the device you are calling:</p> <ul style="list-style-type: none"> ▪ When calling someone using an iPhone 4 or later: Try the <i>phone number</i> of the person you are calling first. If the person has registered an email with FaceTime, you can use that as well. ▪ When calling someone using an iPad 2 or later, iPod touch (4th generation), or FaceTime for Mac: Use the <i>email address</i> designated for FaceTime of the person you are calling. <p>On iPad, iPod touch, and FaceTime for Mac, you need to add a person as a contact using the FaceTime or Contacts app before you can call them.</p>
<p>storing a communication preference identifying one or more communication means for sequentially initiating communication with the contact,</p>	<p>Upon information and belief, an Apple iPhone stores a communication preference identifying one or more communication means for sequentially initiating communication with the contact.</p> <p>For example, upon information and belief, the memory of an Apple iPhone stores a communication preference identifying that, when iMessage (e.g., using an Apple ID, email address, or phone number) is unavailable, communication with the contact should be initiated by SMS text message (e.g., using a phone number or email address) (i.e., in that sequential order).</p> <p>See iPhone User Guide at 64:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>Blue is best.</p> <p>On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p>  <p>* * *</p> <p>*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p><i>See also demonstration screenshots:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The image displays two screenshots from an iPhone Messages application. The left screenshot, titled "Demonstration", shows a conversation with the following messages: "Hey Jen, turn iMessage on" (iMessage), "Ok" (Text Message), "iMessage test 1 @ 1:31pm" (iMessage), "Now turn off iMessage" (iMessage), "My iMessage is now off" (Text Message), "iMessage test 2 @ 1:35pm" (iMessage, Sent as Text Message), and "After 5 minutes, Messages app sent iMessage as SMS text message" (iMessage, Sent as Text Message). The right screenshot shows the "Messages" settings screen with "iMessage" (ON), "Send Read Receipts" (ON), and "Send As SMS" (ON) all enabled. The "Receive At" section shows "2 Addresses".</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p><i>See also iPhone User Guide at 64:</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>Similarly, upon information and belief, the memory of an Apple iPhone stores a communication preference identifying that, when FaceTime (e.g., using an Apple ID, email address, or phone number) is unavailable, a voice call (using a phone number) should be initiated with the contact (i.e., in that sequential order).</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p> <p>FaceTime With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</i></p> <p>If your Wi-Fi network is unavailable (for example, if you're out of range), you get an option to redial the number for a voice call.</p>
<p>wherein the communication preference comprises a communication preference chosen from a group</p>	<p>Upon information and belief, such communication preference is chosen from a group consisting of a fixed communication order, a pattern communication order, a time based communication order, and a calendar based communication order.</p>

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<p>consisting of a fixed communication order, a pattern communication order, a time based communication order, and a calendar based communication order;</p>	<p>For example, upon information and belief, the memory of an Apple iPhone stores a communication preference identifying that, when iMessage (e.g., using an Apple ID, email address, or phone number) is unavailable, communication with the contact should be initiated by SMS text message (e.g., using a phone number or email address) (i.e., in that fixed, sequential order).</p> <p>See iPhone User Guide at 64:</p> <p>Blue is best.</p> <p>On iPhone, when your text bubble is blue instead of green, you’ll know you’re using iMessage instead of SMS. You’ll know that you can get a quicker response. You’ll know that the text session is free. You’ll know it’s been sent to all your recipients’ Apple devices. And you’ll know they received the text. SMS texters will be green with envy.</p> <div data-bbox="1255 521 1885 1300" data-label="Image"> </div> <p>* * *</p> <p>*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>See also demonstration screenshots:</p>  <p>The left screenshot shows a text message conversation. The top status bar indicates AT&T, 1:43 PM, and 46% battery. The message header is 'Demonstration'. A green bubble says 'Hey Jen, turn iMessage on'. A grey bubble says 'Ok'. A date separator shows 'Oct 18, 2011 1:31 PM'. A blue bubble says 'iMessage test 1 @ 1:31pm'. A blue bubble says 'Now turn off iMessage'. A grey bubble says 'My iMessage is now off'. A green bubble says 'iMessage test 2 @ 1:35pm'. A final green bubble says 'After 5 minutes, Messages app sent iMessage as SMS text message'. The bottom shows a 'Text Message' input field and a 'Send' button.</p> <p>The right screenshot shows the 'Messages' settings page. The top status bar indicates AT&T, 11:21 AM, and 60% battery. The page title is 'Messages'. The 'iMessage' toggle is turned ON. Below it, text says 'iMessages can be sent between iPhone, iPad, and iPod touch.' and a 'Learn More' link. The 'Send Read Receipts' toggle is turned ON. Below it, text says 'Allow others to be notified when you have read their messages.' The 'Send As SMS' toggle is turned ON. Below it, text says 'Send as SMS when iMessage is unavailable. Carrier messaging rates may apply.' At the bottom, 'Receive At' is set to '2 Addresses' with a right arrow.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p><i>See also iPhone User Guide at 64 (discussing iMessage):</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>Similarly, upon information and belief, the memory of an Apple iPhone stores a communication preference identifying that, when FaceTime (e.g., using an Apple ID, email address, or phone number) is unavailable, a voice call (using a phone number) should be initiated with the contact (i.e., in that fixed, sequential order).</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p> <p>FaceTime With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</i></p> <p>If your Wi-Fi network is unavailable (for example, if you're out of range), you get an option to redial the number for a voice call.</p>
<p>initiating communication with a contact using a first communication means via a first communication</p>	<p>Upon information and belief, an Apple iPhone will initiate communication with a contact using a first communication means via a first communication connection.</p> <p>For example, upon information and belief, an Apple iPhone will, when sending a text message, initiate</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
<p>connection;</p>	<p>communication with a contact using iMessage (e.g., using an Apple ID, email address, or phone number) as the first communication means via a first communication connection.</p> <p>See iPhone User Guide at 64:</p> <p>Blue is best.</p> <p>On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p> <div data-bbox="1262 451 1887 1224" data-label="Image"> </div> <p>* * *</p> <p>*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p>See also demonstration screenshots:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The image displays two screenshots from an iPhone's Messages application. The left screenshot, titled "Demonstration", shows a conversation where an iMessage is sent, then turned off, and then the app automatically sends it as an SMS. The right screenshot, titled "Messages" in the settings, shows the iMessage, Send Read Receipts, and Send As SMS options all turned on.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>The screenshot shows the Messages app interface on an iPhone. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '3:07 PM', and battery level '88%'. The Messages app header shows 'Messages' on the left, 'Demonstration' in the center, and 'Edit' on the right. Below the header are three buttons: 'Email', 'FaceTime', and 'Contact >'. A text message is shown with the date 'Oct 30, 2012, 11:48 AM' and a green bubble containing the word 'Testing'. At the bottom, there is a text input field with a camera icon on the left, the placeholder text 'Text Message', and a green 'Send' button on the right.</p> <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p><i>See also iPhone User Guide at 64 (discussing iMessage):</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>Similarly, upon information and belief, an Apple iPhone will, initiate communication with a contact using FaceTime (e.g., using an Apple ID, email address, or phone number) as the first communication means via a first communication connection.</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p> <p>FaceTime With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</i></p> <p>If your Wi-Fi network is unavailable (for example, if you're out of range), you get an option to redial the number for a voice call.</p>
<p>detecting that the first communication connection is disconnected;</p>	<p>Upon information and belief, an Apple iPhone can detect that a first communication connection with a contact is disconnected; for instance, if a communication connection using iMessage (e.g., using an Apple ID, email address, or phone number) cannot be established.</p> <p><i>See iPhone User Guide at 64:</i></p>

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	<p data-bbox="596 553 793 586">Blue is best.</p> <p data-bbox="596 607 1203 768">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p> <div data-bbox="1262 305 1892 1073"></div> <p data-bbox="596 1127 655 1146">* * *</p> <p data-bbox="596 1166 1577 1190">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1239 1037 1268"><i>See also demonstration screenshot:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p data-bbox="594 1081 1906 1182"><i>See also</i> screenshots below, demonstrating that the text message with the content “Testing” sent by an iPhone (“646-943-2743”) to a contact (“Demonstration”) may be delivered using email where a phone number for the contact is unavailable.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>The screenshot shows the Messages app interface on an iPhone. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '3:07 PM', and battery level '88%'. The Messages app header shows 'Messages' on the left, 'Demonstration' in the center, and 'Edit' on the right. Below the header are three buttons: 'Email', 'FaceTime', and 'Contact >'. The message content area shows a 'Text Message' received on 'Oct 30, 2012, 11:48 AM' with the text 'Testing' in a green bubble. At the bottom, there is a 'Text Message' input field with a camera icon on the left and a 'Send' button on the right.</p> <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p>Similarly, upon information and belief, an Apple iPhone can detect that a first communication connection with a contact is disconnected when a communication connection using FaceTime (e.g.,</p>

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	<p>using an Apple ID, email address, or phone number) cannot be established.</p> <p><i>See, e.g.,</i> iPhone User Guide at 47:</p> <p>FaceTime With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also</i> iPhone User Guide (iOS 5.1) at 60:</p> <p>If your Wi-Fi network is unavailable (for example, if you’re out of range), you get an option to redial the number for a voice call.</p>
<p>identifying a second communication means associated with the contact,</p>	<p>Upon information and belief, when an Apple iPhone detects that the first communication connection with the contact is disconnected, it will identify a second communication means associated with the contact; for example, when the first communication connection would have been using iMessage, an Apple iPhone will identify SMS text message using a phone number or email as a second communication means; when the first communication connection would have been using FaceTime, an Apple iPhone will identify voice call using a phone number as a second communication means.</p> <p><i>See, e.g.,</i> iPhone User Guide at 64:</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="596 516 793 548">Blue is best.</p> <p data-bbox="596 570 1203 732">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p> <div data-bbox="1262 269 1892 1040" style="text-align: right;"> </div> <p data-bbox="596 1089 657 1105">* * *</p> <p data-bbox="596 1130 1577 1154">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1203 1037 1227"><i>See also demonstration screenshot:</i></p>

EXHIBIT J

'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The screenshot shows a text message conversation on an iPhone. At the top, the status bar shows AT&T, signal strength, Wi-Fi, 1:43 PM, and 46% battery. The conversation header is 'Demonstration' with 'Messages' and 'Edit' buttons. The messages are as follows:</p> <ul style="list-style-type: none">Green bubble: 'Hey Jen, turn iMessage on' (labeled 'iMessage')White bubble: 'Ok'Date separator: 'Oct 18, 2011 1:31 PM'Blue bubble: 'iMessage test 1 @ 1:31pm' (labeled 'Text Message')Blue bubble: 'Now turn off iMessage' (labeled 'Delivered')White bubble: 'My iMessage is now off'Green bubble: 'iMessage test 2 @ 1:35pm' (labeled 'Sent as Text Message')Green bubble: 'After 5 minutes, Messages app sent iMessage as SMS text message' <p>At the bottom, the input field contains 'Text Message' and a 'Send' button.</p> <p><i>See also iPhone User Guide at 64 (discussing iMessage):</i></p> <p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p><i>See also demonstration screenshots:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p><i>See also iPhone User Guide at 47:</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>FaceTime</p> <p>With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also</i> iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</p> <p>If your Wi-Fi network is unavailable (for example, if you’re out of range), you get an option to redial the number for a voice call.</p>
<p>wherein the second communication means is identified by the communication preference;</p>	<p>Upon information and belief, the second communication means is identified by the communication preference.</p> <p>For example, upon information and belief, the memory of an Apple iPhone stores a communication preference identifying that, when iMessage (e.g., using an Apple ID, email address, or phone number) is unavailable, the second communication means is by SMS text message (e.g., using a phone number or email address).</p> <p><i>See</i> iPhone User Guide at 64:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="596 516 793 548">Blue is best.</p> <p data-bbox="596 570 1205 732">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p>  <p data-bbox="596 1089 659 1105">* * *</p> <p data-bbox="596 1130 1577 1154">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1203 1052 1227"><i>See also</i> demonstration screenshots:</p>

EXHIBIT J

'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The image displays two screenshots from an iPhone's Messages application. The left screenshot, titled "Demonstration", shows a conversation where iMessage is turned on, then off, and then automatically falls back to SMS. The right screenshot shows the "Messages" settings page, where the "iMessage" toggle is turned on, and "Send Read Receipts" and "Send As SMS" are also turned on.</p>

EXHIBIT J

'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>The screenshot shows the Messages app interface on an iPhone. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '3:07 PM', and battery level '88%'. The Messages app header shows 'Messages' on the left, 'Demonstration' in the center, and 'Edit' on the right. Below the header are three buttons: 'Email', 'FaceTime', and 'Contact >'. A 'Text Message' header is visible, followed by the date and time 'Oct 30, 2012, 11:48 AM'. A single green message bubble contains the text 'Testing'. At the bottom, there is a text input field with a camera icon on the left, the placeholder text 'Text Message', and a green 'Send' button on the right.</p> <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p><i>See also iPhone User Guide at 64 (discussing iMessage):</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>Similarly, upon information and belief, the memory of an Apple iPhone stores a communication preference identifying that, when FaceTime (e.g., using an Apple ID, email address, or phone number) is unavailable, the second communication means is by voice call (using a phone number).</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p> <p>FaceTime With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</i></p> <p>If your Wi-Fi network is unavailable (for example, if you're out of range), you get an option to redial the number for a voice call.</p>
<p>initiating communication with the contact via a second communication connection to the second communication means.</p>	<p>Upon information and belief, an Apple iPhone will initiate communication with the contact via a second communication connection to the second communication means.</p> <p>For example, upon information and belief, an Apple iPhone will, when iMessage (e.g., using an Apple ID, email address, or phone number) is unavailable, initiate communication with the contact via a</p>

EXHIBIT J

‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>second communication connection to the second communication means (i.e., by SMS text message, e.g., using a phone number or email address).</p> <p>See iPhone User Guide at 64:</p> <div data-bbox="594 695 793 732" data-label="Section-Header"> <p>Blue is best.</p> </div> <div data-bbox="594 748 1205 914" data-label="Text"> <p>On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p> </div> <div data-bbox="1262 451 1885 1219" data-label="Image"> </div> <div data-bbox="594 1271 657 1292" data-label="Text"> <p>* * *</p> </div> <div data-bbox="594 1308 1577 1336" data-label="Text"> <p>*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> </div> <div data-bbox="594 1382 1052 1414" data-label="Text"> <p>See also demonstration screenshots:</p> </div>

EXHIBIT J

'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The image displays two screenshots from an iPhone Messages app. The left screenshot, titled "Demonstration", shows a conversation where an iMessage is sent, then turned off, and then the app automatically sends it as an SMS text message. The right screenshot, titled "Messages" in the settings, shows the iMessage, Send Read Receipts, and Send As SMS options all turned on.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>The screenshot shows the Messages app interface on an iPhone. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '3:07 PM', and battery level '88%'. The Messages app header shows 'Messages' on the left, 'Demonstration' in the center, and 'Edit' on the right. Below the header are three buttons: 'Email', 'FaceTime', and 'Contact >'. A text message is shown with the header 'Text Message' and the timestamp 'Oct 30, 2012, 11:48 AM'. The message content is a green bubble containing the word 'Testing'. At the bottom, there is a text input field with a camera icon on the left, the placeholder text 'Text Message', and a green 'Send' button on the right.</p> <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p><i>See also iPhone User Guide at 64 (discussing iMessage):</i></p>

EXHIBIT J


‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>Similarly, upon information and belief, an Apple iPhone will, when FaceTime (e.g., using an Apple ID, email address, or phone number) is unavailable, initiate communication with the contact via a second communication connection to the second communication means (i.e., by voice call, using a phone number).</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p> <p>FaceTime With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</i></p> <p>If your Wi-Fi network is unavailable (for example, if you're out of range), you get an option to redial the number for a voice call.</p>
Claim 2	
2. A method as recited in claim 1, wherein the detecting step comprises:	Claim 1 is hereby incorporated by reference.

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
determining that the first communication connection is not established.	<p>Upon information and belief, an Apple iPhone can detect that a first communication connection with a contact is disconnected, and such detection comprises determining that the first communication connection is not established.</p> <p>For instance, upon information and belief, an Apple iPhone can determine that a communication connection using iMessage (e.g., using an Apple ID, email address, or phone number) cannot be established.</p> <p><i>See iPhone User Guide at 64:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="596 516 793 548">Blue is best.</p> <p data-bbox="596 570 1205 732">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p> <div data-bbox="1262 269 1885 1040"></div> <p data-bbox="596 1089 659 1105">* * *</p> <p data-bbox="596 1130 1577 1154">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1203 1037 1227"><i>See also demonstration screenshot:</i></p>

EXHIBIT J


'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The screenshot shows a text message conversation on an iPhone. At the top, the status bar shows AT&T, signal strength, Wi-Fi, 1:43 PM, and 46% battery. The message header is 'Demonstration' with 'Messages' and 'Edit' buttons. The first message is a green bubble: 'Hey Jen, turn iMessage on'. Below it is a grey separator 'iMessage'. The second message is a grey bubble: 'Ok'. A date separator 'Oct 18, 2011 1:31 PM' follows. The third message is a blue bubble: 'iMessage test 1 @ 1:31pm'. The fourth message is a blue bubble: 'Now turn off iMessage', with 'Delivered' below it. A grey separator 'Text Message' follows. The fifth message is a grey bubble: 'My iMessage is now off'. The sixth message is a green bubble: 'iMessage test 2 @ 1:35pm', with 'Sent as Text Message' below it. The seventh message is a green bubble: 'After 5 minutes, Messages app sent iMessage as SMS text message'. At the bottom is a text input field with a camera icon, the text 'Text Message', and a green 'Send' button.</p> <p>Similarly, upon information and belief, an Apple iPhone can detect that a first communication connection using FaceTime (e.g., using an Apple ID, email address, or phone number) cannot be established.</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>FaceTime</p> <p>With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also</i> iPhone User Guide (iOS 5.1) at 60:</p> <p>If your Wi-Fi network is unavailable (for example, if you’re out of range), you get an option to redial the number for a voice call.</p>
Claim 6	
6. A method as recited in claim 1 further comprising the steps of:	Claim 1 is hereby incorporated by reference.
storing one or more communication means for the contact;	<p>Upon information and belief, an Apple iPhone also stores one of more communication means for a contact. For example, iMessage using an Apple ID, email address, or phone number; an SMS or MMS message using a phone number or email address; FaceTime using an Apple ID, email address, or phone number; or a voice call using a phone number.</p> <p><i>See, e.g.,</i> iPhone User Guide at 100</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="604 272 823 321">At a glance</p> <p data-bbox="604 326 1738 407">iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts.</p> <div data-bbox="604 440 1165 1047"><p>The screenshot shows the 'Info' page for a contact named Jane Appleseed. The contact's name and company (Apple Inc.) are at the top. Below are several fields: a work phone number (408) 555-0125, two work email addresses (j.appleseed@apple.com and j.appleseed@me.com), a birthday (October 16, 1977), and a Twitter handle (@JaneAppleseed1). At the bottom are buttons for 'Send Message' and 'FaceTime'. The dock at the very bottom shows icons for Favorites, Recents, Contacts, Keypad, and Voicemail. Annotations with lines pointing to the contact card include: 'Dial a number.' pointing to the phone number field, 'Open in Mail.' pointing to the email fields, and 'Send a Tweet.' pointing to the Twitter field.</p></div> <p data-bbox="588 1096 819 1128"><i>See also id. at 66:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>Messages settings Go to Settings > Messages to set options for Messages, including:</p> <ul style="list-style-type: none">• Turning iMessage on or off• Notifying others when you've read their messages• Specifying an Apple ID or email address to use with Messages• SMS and MMS options• Showing the Subject field• Showing the character count <p>See also http://www.apple.com/ios/messages/:</p> <div data-bbox="604 786 1892 894" style="border: 1px solid #ccc; padding: 10px; background-color: #f0f0f0;"><p style="text-align: center;">Set up iMessage</p></div> <p>* * *</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="667 280 709 337" style="font-size: 24pt; font-weight: bold; color: #0070C0;">3</div> <div data-bbox="667 358 871 378" style="font-weight: bold;">Tap Send & Receive.</div> <div data-bbox="667 401 1041 472"> <p>Choose which email addresses and phone numbers you want people to use to send you messages, then tap Next.</p> </div> <div data-bbox="667 495 1056 594"> <p>Under "Start new conversations from," choose the email address or phone number you'd like to use to send outgoing messages.</p> </div> <div data-bbox="667 617 1041 688"> <p>Note: If you've already set up other devices for Messages, they'll alert you that a new device has been set up for Messages.</p> </div> <div data-bbox="1129 289 1837 751"> </div> <p data-bbox="590 805 1549 833"><i>See also http://www.apple.com/ios/facetime/ (MOTO-SDFL-0000018790):</i></p> <div data-bbox="667 878 709 935" style="font-size: 24pt; font-weight: bold; color: #0070C0;">3</div> <div data-bbox="667 956 1052 1027"> <p>Choose which email addresses and phone numbers you want people to use to contact you for FaceTime calls.</p> </div> <div data-bbox="667 1050 1041 1122"> <p>Scroll down to Caller ID. Choose which email address or phone number you want to appear during outgoing FaceTime calls.</p> </div> <div data-bbox="1129 886 1837 1344"> </div> <p data-bbox="590 1390 1052 1417"><i>See also demonstration screenshots:</i></p>

EXHIBIT J

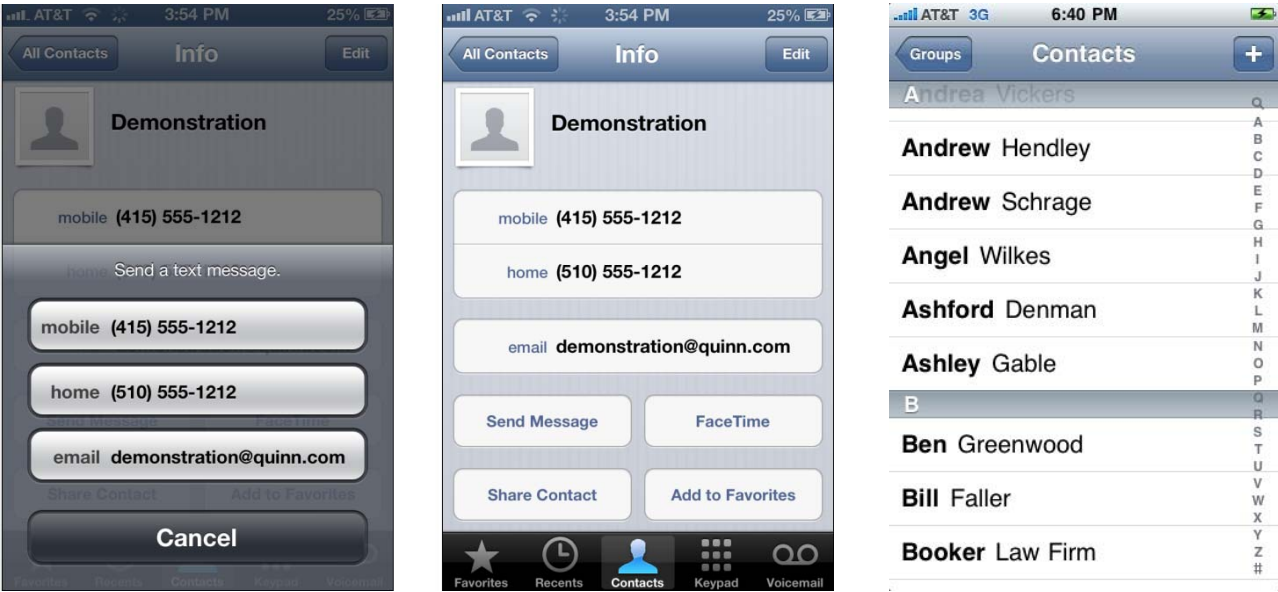
‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p><i>See generally, iPhone User Guide, Chap. 25 (pp. 100-102).</i></p>
<p>displaying the stored one or more communication means; and</p>	<p>Upon information and belief, an Apple iPhone displays the stored one or more communication means, e.g., iMessage using an Apple ID, email address, or phone number; SMS or MMS message using a phone number or email address; FaceTime using an Apple ID, email address, or phone number; or a voice call using a phone number.</p> <p><i>See, e.g., iPhone User Guide at 100</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="604 272 823 321">At a glance</p> <p data-bbox="604 326 1738 407">iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts.</p> <div data-bbox="604 440 1165 1047"><p>The screenshot shows the 'Info' page for a contact named Jane Appleseed. The contact's name and company (Apple Inc.) are at the top. Below are several fields: a work phone number (408) 555-0125, two work email addresses (j.appleseed@apple.com and j.appleseed@me.com), a birthday (October 16, 1977), and a Twitter handle (@JaneAppleseed1). At the bottom are buttons for 'Send Message' and 'FaceTime'. The dock at the very bottom shows icons for Favorites, Recents, Contacts, Keypad, and Voicemail. Annotations with lines pointing to the contact card include: 'Dial a number.' pointing to the phone number, 'Open in Mail.' pointing to the work email addresses, and 'Send a Tweet.' pointing to the Twitter handle.</p></div> <p data-bbox="604 1101 1052 1133"><i>See also</i> demonstration screenshots:</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³		
			
<p>selecting the second communication means from the displayed one or more communication means prior to the initiating the second communication step.</p>	<p>Upon information and belief, such second communication means (e.g., SMS text message using a phone number or email address; voice call using a phone number) is selected from the displayed one or more communication means prior to the initiating the second communication step.</p> <p>See iPhone User Guide at 64 (discussing iMessage):</p> <p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>* * *</p> <p>*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p>		

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p><i>See also</i> iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</p> <p>If your Wi-Fi network is unavailable (for example, if you’re out of range), you get an option to redial the number for a voice call.</p>
Claim 7	
<p>7. A method as recited in claim 1 further comprising the steps of:</p>	<p>Claim 1 is hereby incorporated by reference.</p>
<p>displaying the second communication means; and</p>	<p>Upon information and belief, an Apple iPhone displays the stored second communication means, e.g., SMS or MMS message using a phone number or email address; voice call using a phone number.</p> <p><i>See, e.g.,</i> iPhone User Guide at 100</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p data-bbox="604 272 823 321">At a glance</p> <p data-bbox="604 326 1738 407">iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts.</p> <div data-bbox="604 440 1165 1047"><p>The screenshot shows the 'Info' page for a contact named Jane Appleseed. The contact's name and company (Apple Inc.) are at the top. Below are several fields: a work phone number (408) 555-0125, two work email addresses (j.appleseed@apple.com and j.appleseed@me.com), a birthday (October 16, 1977), and a Twitter handle (@JaneAppleseed1). At the bottom are buttons for 'Send Message' and 'FaceTime'. The dock at the very bottom shows icons for Favorites, Recents, Contacts, Keypad, and Voicemail. Annotations with lines pointing to the contact card include: 'Dial a number.' pointing to the phone number, 'Open in Mail.' pointing to the work email addresses, and 'Send a Tweet.' pointing to the Twitter handle.</p></div> <p data-bbox="590 1097 1052 1130"><i>See also</i> demonstration screenshots:</p>

EXHIBIT J


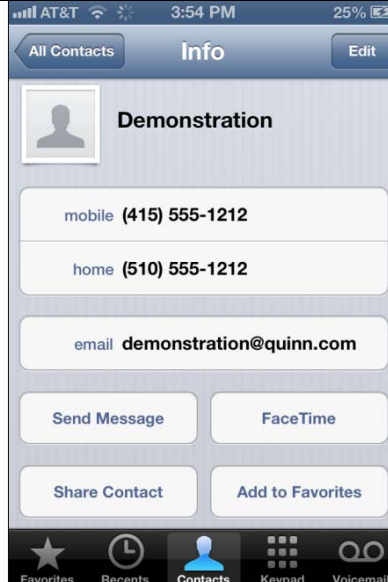


‘183 Patent Claim	Representative Apple Products: Apple iPhone ³		
			
<p>selecting the second communication means prior to the initiating the second communication connection step.</p>	<p>Upon information and belief, such second communication means (e.g., SMS text message using a phone number or email address; voice call using a phone number) is selected prior to the initiating the second communication step.</p> <p>See iPhone User Guide at 64 (discussing iMessage):</p> <p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>* * *</p> <p>*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p>		

EXHIBIT J

‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p><i>See also</i> iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</p> <p>If your Wi-Fi network is unavailable (for example, if you’re out of range), you get an option to redial the number for a voice call.</p>
Claim 8	
<p>8. A communication device having intelligent communication management, the communication device comprising:</p>	<p>Upon information and belief, an “Apple iPhone” (i.e., an Apple iPhone product running Apple iOS 5 or later, as defined above) is a communication device having intelligent communication management. For instance, an Apple iPhone can send messages using Apple’s “iMessage” service, but when iMessage is off or unavailable, can send such messages using an SMS/MMS service. Similarly, for example, a text message that cannot be sent to a phone number may be sent to an email address.</p> <p><i>See generally</i> Apple iPhone User Guide For iOS 6 Software, (“iPhone User Guide”), available at http://manuals.info.apple.com/en/iphone_user_guide.pdf, at Chap. 9 (pp. 64-66).</p> <p><i>See id.</i> at 64:</p>

EXHIBIT J


'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<div data-bbox="640 272 751 381"></div> <div data-bbox="640 472 1234 516"><h3>Sending and receiving messages</h3></div> <div data-bbox="640 537 1879 646"><p>WARNING: For important information about avoiding distraction while driving, see Important safety information on page 146.</p></div> <div data-bbox="640 673 1837 748"><p>Messages lets you exchange text messages with other SMS and MMS devices via your cellular connection, and with other iOS devices using iMessage.</p></div> <div data-bbox="640 781 1879 976"><p>iMessage is an Apple service that lets you send unlimited messages over Wi-Fi (as well as cellular connections) to other iOS and OS X Mountain Lion users. With iMessage, you can see when other people are typing, and let them know when you've read their messages. iMessages are displayed on all of your iOS devices logged in to the same account, so you can start a conversation on one of your devices, and continue it on another device. iMessages are encrypted for security.</p></div> <div data-bbox="590 1031 1255 1063"><p>See also, e.g., http://www.apple.com/ios/messages/:</p></div>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <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>* * *</p> <p>Exchange words. Or photos. Or videos.</p> <p>iMessage lets you send messages back and forth with anyone on iPad, iPhone, iPod touch, or a Mac running Mountain Lion. Send photos, videos, locations, and contacts, too. If you have more than one Apple device, iMessage keeps the conversation going across all of them. And you can text and send photos and videos via MMS to other mobile phones over cellular networks. Even ask Siri to text for you. Just say "Tell Peter I'm on my way" and Siri writes your message and fires it off.</p> <p>* * *</p>

EXHIBIT J



'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="596 553 789 586">Blue is best.</p> <p data-bbox="596 607 1203 768">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p>  <p data-bbox="596 1125 653 1146">* * *</p> <p data-bbox="596 1166 1577 1190">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1239 1026 1268"><i>See also iPhone User Guide at 64:</i></p> <p data-bbox="596 1317 1892 1398">An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>See also demonstration screenshot:</p>  <p>See also screenshots below, demonstrating that the text message with the content “Testing” sent by an iPhone (“646-943-2743”) to a contact (“Demonstration”) may be delivered using email where a phone number for the contact is unavailable.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p>Also, upon information and belief, an Apple iPhone can initiate a video call using Apple's "FaceTime" program, but when FaceTime is off or unavailable, initiate the call as a voice call over a</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>cellular connection.</p> <p>See, e.g., http://www.apple.com/ios/facetime/:</p> <div data-bbox="598 492 699 592"></div> <p data-bbox="598 621 898 776">FaceTime Be in two places at once.</p> <p data-bbox="598 800 982 1109">Hang with friends in one city. Visit family in another. Make that important meeting. While you're catching the game at the ballpark. With a tap, you can make video calls over Wi-Fi from your iPhone, iPad, iPod touch, or Mac to someone else's. You can even make FaceTime calls over cellular networks on iPhone or iPad.* And be there in person, even when you're not.</p> <p data-bbox="598 1157 655 1177">* * *</p> <div data-bbox="1045 415 1896 1149"></div>

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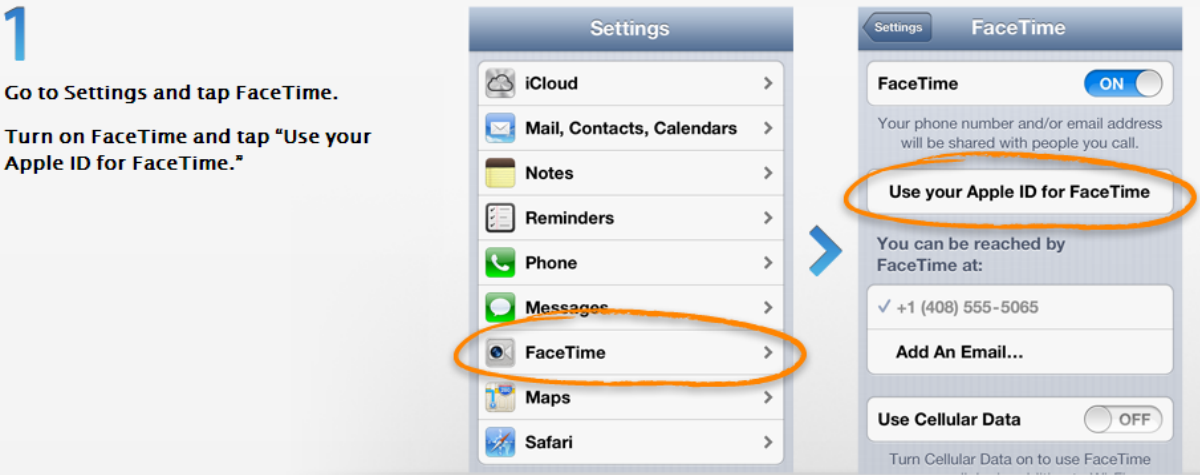
'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<h2 data-bbox="600 266 961 315">Set up FaceTime</h2> <p data-bbox="600 418 972 591">1 Go to Settings and tap FaceTime. Turn on FaceTime and tap "Use your Apple ID for FaceTime."</p>  <p data-bbox="600 932 1360 964"><i>See also iPhone User Guide at 47; see generally id. Chap. 5:</i></p> <h3 data-bbox="600 1003 737 1036">FaceTime</h3> <p data-bbox="600 1045 1604 1143">With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p data-bbox="600 1166 1604 1256"><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p data-bbox="600 1279 1604 1338">Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p data-bbox="600 1360 1507 1419">To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>Drag your image to any corner.</p> <p>Mute (you can hear and see; the caller can see but not hear).</p> <p>The FaceTime screen showing the person called, with an inset in the lower left corner showing the caller's face. Three buttons along the bottom, from left to right, let you mute the call, end the call, and switch cameras.</p> <p><i>Note:</i> With FaceTime locked or turned off.</p> <p>Use Siri or Voice Control: Press and hold the Home button , then say "FaceTime," followed by the name of the person to call.</p> <p>Set FaceTime options: Go to Settings > FaceTime to:</p> <ul style="list-style-type: none"> • Turn FaceTime on or off • Specify your Apple ID or an email address for receiving FaceTime calls <p>See also http://support.apple.com/kb/ht4319 (last accessed September 1, 2012):</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>What information do I need to call someone using FaceTime?</p> <p>To call someone using FaceTime, you need their phone number or email address. Which one you use is determined by the device you are calling:</p> <ul style="list-style-type: none"> ▪ When calling someone using an iPhone 4 or later: Try the <i>phone number</i> of the person you are calling first. If the person has registered an email with FaceTime, you can use that as well. ▪ When calling someone using an iPad 2 or later, iPod touch (4th generation), or FaceTime for Mac: Use the <i>email address</i> designated for FaceTime of the person you are calling. <p>On iPad, iPod touch, and FaceTime for Mac, you need to add a person as a contact using the FaceTime or Contacts app before you can call them.</p>
<p>a transceiver for communicating with a contact using a first communication means via a first communication connection;</p>	<p>Upon information and belief, an Apple iPhone has a transceiver for communicating with a contact using a first communication means (e.g., iMessage using an Apple ID, email address, or phone number; a video call over FaceTime) via a first communication connection (e.g., the user of the Apple iPhone can connect to a contact who has a device capable of receiving an iMessage, and iMessage is activated on that Apple iPhone; the user of the Apple iPhone can initiate a video call to a contact who has a device capable of FaceTime, and FaceTime is activated on that Apple iPhone).</p> <p>Upon information and belief, an Apple iPhone contains one or more radios for communicating over Wi-Fi or cellular connections using iMessage.</p> <p>See, e.g., iPhone User Guide at 64:</p> <p>iMessage is an Apple service that lets you send unlimited messages over Wi-Fi (as well as cellular connections) to other iOS and OS X Mountain Lion users. With iMessage, you can see when other people are typing, and let them know when you’ve read their messages. iMessages are displayed on all of your iOS devices logged in to the same account, so you can start a conversation on one of your devices, and continue it on another device. iMessages are encrypted for security.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p><i>See also id.</i> at 130:</p> <p>Wi-Fi</p> <p>Joining Wi-Fi networks</p> <p>Wi-Fi settings determine whether iPhone uses local Wi-Fi networks to connect to the Internet. When iPhone is joined to a Wi-Fi network, the Wi-Fi icon  in the status bar at the top of the screen shows signal strength. The more bars you see, the stronger the signal. If no Wi-Fi networks are available, or if you've turned Wi-Fi off, then iPhone connects to the Internet via your cellular data network when available.</p> <p>Upon information and belief, an Apple iPhone contains one or more radios for communicating over Wi-Fi or cellular connections using FaceTime.</p> <p><i>See, e.g.,</i> http://www.apple.com/ios/facetime/:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="598 345 699 444"></div> <div data-bbox="598 475 898 630"><h3>FaceTime</h3><p>Be in two places at once.</p></div> <div data-bbox="598 651 982 959"><p>Hang with friends in one city. Visit family in another. Make that important meeting. While you're catching the game at the ballpark. With a tap, you can make video calls over Wi-Fi from your iPhone, iPad, iPod touch, or Mac to someone else's. You can even make FaceTime calls over cellular networks on iPhone or iPad.* And be there in person, even when you're not.</p></div> <div data-bbox="1045 269 1898 1000"></div> <div data-bbox="590 1045 1024 1076"><p><i>See also iPhone User Guide at 47:</i></p></div>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>FaceTime</p> <p>With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p>See also http://www.apple.com/iphone/compare-iphones/:</p> <div style="text-align: center;">  </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> iPhone 5 iPhone 4 S iPhone 4 </div> <p>***</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³			
	<p>Cellular and Wireless</p>	<p>GSM model: GSM/EDGE UMTS/HSPA+ DC-HSDPA CDMA model: CDMA EV-DO Rev. A and Rev. B LTE³ Wi-Fi (802.11a/b/g/n; 802.11n on 2.4GHz and 5GHz) Bluetooth 4.0 GPS and GLONASS</p>	<p>GSM/EDGE UMTS/HSPA - CDMA EV-DO Rev. A² - Wi-Fi (802.11b/g/n; 802.11n on 2.4GHz) Bluetooth 4.0 GPS and GLONASS</p>	<p>GSM model: GSM/EDGE UMTS/HSPA - CDMA model: CDMA EV-DO Rev. A - Wi-Fi (802.11b/g/n; 802.11n on 2.4GHz) Bluetooth 2.1 + EDR GPS</p>
	<p>See also http://www.apple.com/iphone/specs.html (iPhone 5) (MOTO-SDFL-0000016104):</p>			
	<p>Cellular and Wireless</p>	<ul style="list-style-type: none"> • GSM model A1428*: UMTS/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz); LTE (Bands 4 and 17) • CDMA model A1429*: CDMA EV-DO Rev. A and Rev. B (800, 1900, 2100 MHz); UMTS/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz); LTE (Bands 1, 3, 5, 13, 25) • GSM model A1429*: UMTS/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz); LTE (Bands 1, 3, 5) • 802.11a/b/g/n Wi-Fi (802.11n 2.4GHz and 5GHz) • Bluetooth 4.0 wireless technology 		
	<p>See also http://twimgs.com/informationweek/galleries/automated/874/06_iPhone5_comm_front_full.jpg:</p>			

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<p>'183 Patent Claim</p>	<p>Representative Apple Products: Apple iPhone³</p>
	 <p>The diagram shows the front view of the iPhone 5 communications board. On the left, a list of components is provided with color-coded dots: Apple A6 (red), Elpida B8164B3PM (orange), Qualcomm MDM9615 (blue), Qualcomm RTR8600 (green), STMicroelectronics LIS331DLH (yellow), Texas Instruments 27A333DI 34350628 (purple), and Broadcom BCM5976 (brown). The board itself is shown with these components highlighted in their respective colors. The board includes a SIM card slot, a camera lens, and various connectors.</p>
<p>a processor coupled to the transceiver for processing signals received from the transceiver and sending commands to the transceiver for communicating with one or more communication means including the first communication means and a second communication means;</p>	<p>Upon information and belief, an Apple iPhone has a processor coupled to the transceiver for processing signals received from the transceiver, and for sending commands to the transceiver for communicating with one or more communication means including the first communication means (e.g., iMessage using an Apple ID, email address, or phone number; FaceTime using a phone number or email address) and a second communication means (e.g., SMS or MMS text Message using a phone number; a voice call using a phone number).</p> <p><i>See, e.g., iPhone User Guide at 64:</i></p> <p>iMessage is an Apple service that lets you send unlimited messages over Wi-Fi (as well as cellular connections) to other iOS and OS X Mountain Lion users. With iMessage, you can see when other people are typing, and let them know when you've read their messages. iMessages are displayed on all of your iOS devices logged in to the same account, so you can start a conversation on one of your devices, and continue it on another device. iMessages are encrypted for security.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>Blue indicates an iMessage conversation.</p> <p>Tap to enter text.</p> <p>Tap the attach media button to include a photo or video.</p> <p>Start a text conversation: Tap , then tap  and choose a contact, search your contacts by entering a name, or enter a phone number or email address manually. Enter a message, then tap Send.</p> <p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>See also, e.g., http://www.apple.com/ios/messages/:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>Blue is best.</p> <p>On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p>  <p>* * *</p> <p>*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p><i>See also demonstration screenshot:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The screenshot shows an iPhone Messages app interface. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '1:43 PM', and battery level '46%'. The message thread is titled 'Demonstration'. The first message is a green bubble: 'Hey Jen, turn iMessage on'. Below it is a grey separator labeled 'iMessage'. A grey bubble contains 'Ok'. A date separator shows 'Oct 18, 2011 1:31 PM'. A blue bubble says 'iMessage test 1 @ 1:31pm'. A second blue bubble says 'Now turn off iMessage' with a 'Delivered' status. A grey separator labeled 'Text Message' follows. A grey bubble says 'My iMessage is now off'. A green bubble says 'iMessage test 2 @ 1:35pm' with 'Sent as Text Message' below it. A larger green bubble contains the text: 'After 5 minutes, Messages app sent iMessage as SMS text message'. At the bottom, there is a 'Text Message' input field and a 'Send' button.</p> <p>See, e.g., http://www.apple.com/ios/facetime/:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="598 345 699 444"></div> <div data-bbox="598 475 898 630"><h3>FaceTime</h3><p>Be in two places at once.</p></div> <div data-bbox="598 651 982 959"><p>Hang with friends in one city. Visit family in another. Make that important meeting. While you're catching the game at the ballpark. With a tap, you can make video calls over Wi-Fi from your iPhone, iPad, iPod touch, or Mac to someone else's. You can even make FaceTime calls over cellular networks on iPhone or iPad.* And be there in person, even when you're not.</p></div> <div data-bbox="598 1008 657 1029"><p>* * *</p></div> <div data-bbox="1045 269 1898 1000"></div>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="667 267 1050 511"> <p>3</p> <p>Choose which email addresses and phone numbers you want people to use to contact you for FaceTime calls.</p> <p>Scroll down to Caller ID. Choose which email address or phone number you want to appear during outgoing FaceTime calls.</p> </div> <div data-bbox="1129 267 1837 730"> </div> <p data-bbox="592 776 1029 808"><i>See also iPhone User Guide at 47:</i></p> <p data-bbox="592 847 735 880">FaceTime</p> <p data-bbox="592 889 1606 982">With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p data-bbox="592 1010 1606 1101"><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p data-bbox="592 1123 1606 1182">Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p data-bbox="592 1205 1501 1263">To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p data-bbox="592 1307 1050 1339"><i>See also demonstration screenshots:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p data-bbox="594 948 1906 1052"><i>See also</i> screenshots below, demonstrating that the text message with the content “Testing” sent by an iPhone (“646-943-2743”) to a contact (“Demonstration”) may be delivered using email where a phone number for the contact is unavailable.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>The screenshot shows the Messages app interface on an iPhone. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '3:07 PM', and battery level '88%'. The Messages app header shows 'Messages' on the left, 'Demonstration' in the center, and 'Edit' on the right. Below the header are three buttons: 'Email', 'FaceTime', and 'Contact >'. A text message is shown with the header 'Text Message' and the date 'Oct 30, 2012, 11:48 AM'. The message content is 'Testing' in a green bubble. At the bottom, there is a text input field with a camera icon on the left, the placeholder text 'Text Message', and a green 'Send' button on the right.</p> <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p>See also http://www.apple.com/iphone/compare-iphones/:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="898 272 1873 649"></div> <div data-bbox="934 698 1827 755"><p>iPhone 5 iPhone 4 s iPhone 4</p></div> <p data-bbox="588 763 661 787">* * *</p> <hr/> <div data-bbox="907 828 1012 938"></div> <p data-bbox="903 958 976 982">A6 chip</p> <div data-bbox="1234 828 1339 938"></div> <p data-bbox="1228 958 1302 982">A5 chip</p> <div data-bbox="1564 828 1669 938"></div> <p data-bbox="1564 958 1638 982">A4 chip</p> <hr/> <p data-bbox="588 1071 703 1104"><i>See also</i></p> <p data-bbox="588 1112 1816 1144">http://twimgs.com/informationweek/galleries/automated/874/06_iPhone5_comm_front_full.jpg:</p>

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<p>'183 Patent Claim</p>	<p>Representative Apple Products: Apple iPhone³</p>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>COMPONENTS</p> <ul style="list-style-type: none"> ● Apple A6 <small>Application processor</small> ● Elpida B8164B3PM <small>Low Power DDR2 SDRAM</small> ● Qualcomm MDM9615 <small>Mobile Data Modem supporting LTE (FDD and TDD), DC-HSPA+, EV-DO Rev.B and TD-SCDMA</small> ● Qualcomm RTR8600 <small>QSM1 (CDMA) / QM1200M1 (LTE) and Transceiver + GPS</small> ● STMicroelectronics LIS331DLH <small>3-Axis MEMS Accelerometer</small> ● Texas Instruments 27A333DI 34350628 <small>Touchscreen Controller</small> ● Broadcom BCM5976 <small>Touchpad Controller</small> </div> <div style="width: 40%; text-align: center;"> <h2 style="color: blue;">Apple iPhone 5</h2>  </div> <div style="width: 25%; text-align: right;"> <p><small>COMMUNICATIONS BOARD, FRONT</small></p> </div> </div>
<p>a memory coupled to the processor for storing one or more contacts each having one or more associated communication means,</p>	<p>Upon information and belief, an Apple iPhone includes a memory coupled to the processor for storing one or more contacts.</p> <p><i>See, e.g., iPhone User Guide at 100:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="604 272 823 321">At a glance</p> <p data-bbox="604 326 1738 407">iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts.</p> <div data-bbox="604 440 1165 1047"><p>The screenshot shows the 'Info' page for a contact named Jane Appleseed. The contact's name and company (Apple Inc.) are at the top. Below are several fields: a work phone number (408) 555-0125, two work email addresses (j.appleseed@apple.com and j.appleseed@me.com), a birthday (October 16, 1977), and a Twitter handle (@JaneAppleseed1). At the bottom are buttons for 'Send Message' and 'FaceTime'. The dock at the very bottom shows icons for Favorites, Recents, Contacts, Keypad, and Voicemail. Annotations with lines pointing to the contact card include: 'Dial a number.' pointing to the phone number, 'Open in Mail.' pointing to the email addresses, and 'Send a Tweet.' pointing to the Twitter handle.</p></div> <p data-bbox="590 1097 1037 1130"><i>See also</i> demonstration screenshot:</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>Upon information and belief, the Apple iPhone internal memory is coupled to the processor, and stores the one or more contacts.</p> <p>See, e.g., http://www.apple.com/iphone/compare-iphones/:</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³			
				
		iPhone 5	iPhone 4s	iPhone 4
***		 A6 chip	 A5 chip	 A4 chip

	Capacity and Price ⁷	16GB \$199 32GB \$299 64GB \$399	16GB \$99	8GB FREE
	<p>Upon information and belief, each such contact is associated with one or more communication means that can be used to establish a communication connection. For example, iMessage using an Apple ID, email address, or phone number; an SMS or MMS message using a phone number or email address; FaceTime using an Apple ID, email address, or phone number; or a voice call using a phone number.</p>			

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p><i>See, e.g.,</i> iPhone User Guide at 100</p> <p>At a glance iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts.</p>  <p>The screenshot shows the 'Info' page for a contact named Jane Appleseed. The contact's name and company (Apple Inc.) are at the top. Below are several fields: a work phone number (408) 555-0125, a work email address j.appleseed@apple.com, a home email address j.appleseed@me.com, a birthday of October 16, 1977, and a Twitter handle @JaneAppleseed1. At the bottom of the contact card are buttons for 'Send Message' and 'FaceTime'. The iPhone dock is visible at the very bottom, showing icons for Favorites, Recents, Contacts, Keypal, and Voicemail. Three lines with arrows point from text labels to specific fields: 'Dial a number.' points to the phone number, 'Open in Mail.' points to the work email address, and 'Send a Tweet.' points to the Twitter handle.</p> <p><i>See also id.</i> at 66:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>Messages settings Go to Settings > Messages to set options for Messages, including:</p> <ul style="list-style-type: none">• Turning iMessage on or off• Notifying others when you've read their messages• Specifying an Apple ID or email address to use with Messages• SMS and MMS options• Showing the Subject field• Showing the character count <p>See also http://www.apple.com/ios/messages/:</p> <div data-bbox="604 786 1892 894" style="border: 1px solid #ccc; padding: 10px; text-align: center;">Set up iMessage</div> <p>* * *</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="667 277 709 337" style="font-size: 24pt; font-weight: bold; color: #0070C0;">3</div> <div data-bbox="667 354 873 378" style="font-weight: bold;">Tap Send & Receive.</div> <div data-bbox="667 396 1045 472"> <p>Choose which email addresses and phone numbers you want people to use to send you messages, then tap Next.</p> </div> <div data-bbox="667 490 1058 592"> <p>Under "Start new conversations from," choose the email address or phone number you'd like to use to send outgoing messages.</p> </div> <div data-bbox="667 610 1045 686"> <p>Note: If you've already set up other devices for Messages, they'll alert you that a new device has been set up for Messages.</p> </div> <div data-bbox="1129 285 1839 751"> </div> <p data-bbox="590 802 1171 833"><i>See also http://www.apple.com/ios/facetime/:</i></p> <div data-bbox="667 873 709 933" style="font-size: 24pt; font-weight: bold; color: #0070C0;">3</div> <div data-bbox="667 950 1052 1026"> <p>Choose which email addresses and phone numbers you want people to use to contact you for FaceTime calls.</p> </div> <div data-bbox="667 1044 1045 1120"> <p>Scroll down to Caller ID. Choose which email address or phone number you want to appear during outgoing FaceTime calls.</p> </div> <div data-bbox="1129 881 1839 1347"> </div> <p data-bbox="590 1385 1052 1416"><i>See also demonstration screenshots:</i></p>

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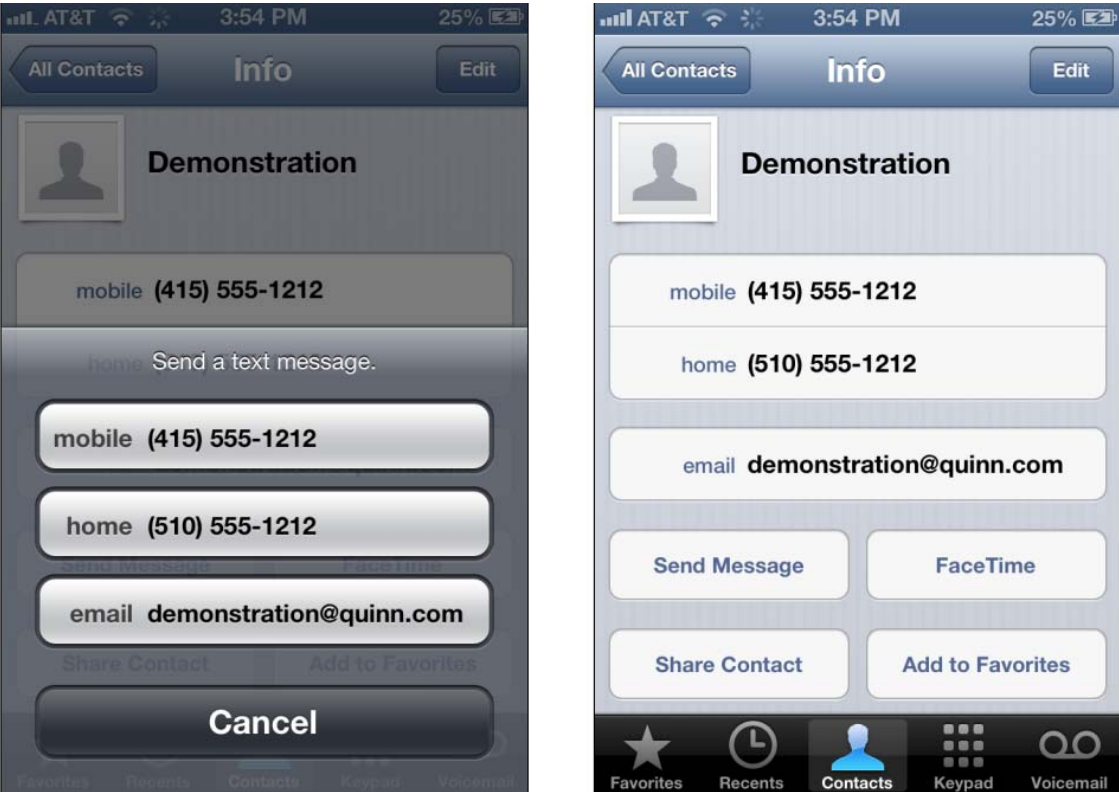


‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p data-bbox="594 1125 1346 1157"><i>See generally</i>, iPhone User Guide, Chap. 25 (pp. 100-102).</p>
<p>the memory storing the contact associated with the first communication means and the second communication means; and</p>	<p>Upon information and belief, the Apple iPhone internal memory stores the contact associated with the first communication means and the second communication means.</p> <p><i>See, e.g.</i>, http://www.apple.com/iphone/compare-iphones/:</p>

EXHIBIT J

‘183 Patent Claim	Representative Apple Products: Apple iPhone ³				
	<div style="text-align: center;">  </div> <div style="display: flex; justify-content: space-around; text-align: center; margin-top: 10px;"> <div data-bbox="934 703 1129 751">iPhone 5</div> <div data-bbox="1276 703 1516 751">iPhone 4s</div> <div data-bbox="1621 703 1822 751">iPhone 4</div> </div> <div style="margin-top: 20px;"> <p>***</p> <hr/> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; vertical-align: top;">Capacity and Price⁷</td> <td style="width: 33%; vertical-align: top;"> 16GB \$199 32GB \$299 64GB \$399 </td> <td style="width: 33%; vertical-align: top;"> 16GB \$99 </td> <td style="width: 33%; vertical-align: top;"> 8GB FREE </td> </tr> </table> <p><i>See also demonstration screenshots:</i></p> </div>	Capacity and Price ⁷	16GB \$199 32GB \$299 64GB \$399	16GB \$99	8GB FREE
Capacity and Price ⁷	16GB \$199 32GB \$299 64GB \$399	16GB \$99	8GB FREE		

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³	
	 <p>The screenshot shows the 'Info' page for a contact named 'Demonstration'. At the top, there are buttons for 'All Contacts', 'Info', and 'Edit'. Below the contact name is a placeholder for a profile picture. The contact's mobile number is listed as '(415) 555-1212'. A text message input field is visible with the text 'Send a text message.' and a pre-filled mobile number '(415) 555-1212'. Other contact information includes a home number '(510) 555-1212' and an email address 'demonstration@quinn.com'. At the bottom of the input area is a large 'Cancel' button. The dock at the very bottom shows icons for Favorites, Recents, Contacts, Keypad, and Voicemail.</p>	 <p>This screenshot shows the same 'Info' page for the contact 'Demonstration'. It displays the contact's mobile number '(415) 555-1212', home number '(510) 555-1212', and email address 'demonstration@quinn.com'. Below the contact information are buttons for 'Send Message' and 'FaceTime'. At the bottom of the contact information area are buttons for 'Share Contact' and 'Add to Favorites'. The dock at the bottom shows icons for Favorites, Recents, Contacts, Keypad, and Voicemail.</p>

See also iPhone User Guide at 66:

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>Messages settings Go to Settings > Messages to set options for Messages, including:</p> <ul style="list-style-type: none">• Turning iMessage on or off• Notifying others when you've read their messages• Specifying an Apple ID or email address to use with Messages• SMS and MMS options• Showing the Subject field• Showing the character count <p>See also http://www.apple.com/ios/messages/:</p> <div data-bbox="604 784 1892 894" style="border: 1px solid #ccc; padding: 10px; text-align: center;">Set up iMessage</div> <p>* * *</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="667 277 709 337" style="font-size: 24pt; font-weight: bold; color: #0070C0;">3</div> <div data-bbox="667 354 871 378" style="font-weight: bold;">Tap Send & Receive.</div> <div data-bbox="667 397 1050 475"> <p>Choose which email addresses and phone numbers you want people to use to send you messages, then tap Next.</p> </div> <div data-bbox="667 495 1050 594"> <p>Under "Start new conversations from," choose the email address or phone number you'd like to use to send outgoing messages.</p> </div> <div data-bbox="667 613 1050 691"> <p>Note: If you've already set up other devices for Messages, they'll alert you that a new device has been set up for Messages.</p> </div> <div data-bbox="1129 289 1837 751"> </div> <p data-bbox="590 803 1171 836"><i>See also http://www.apple.com/ios/facetime/:</i></p> <div data-bbox="667 878 709 938" style="font-size: 24pt; font-weight: bold; color: #0070C0;">3</div> <div data-bbox="667 954 1050 1032"> <p>Choose which email addresses and phone numbers you want people to use to contact you for FaceTime calls.</p> </div> <div data-bbox="667 1052 1050 1130"> <p>Scroll down to Caller ID. Choose which email address or phone number you want to appear during outgoing FaceTime calls.</p> </div> <div data-bbox="1129 878 1837 1341"> </div> <p data-bbox="590 1388 1879 1421">Upon information and belief, and as also discussed elsewhere herein, an Apple iPhone can determine</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>whether a communication connection with a contact may be made using iMessage, for instance if that contact has the iMessage service on a supported Apple iPhone, iPad, iPod touch, or Mac product.</p> <p>See, e.g., http://www.apple.com/ios/messages/:</p> <div data-bbox="596 537 709 646" data-label="Image"> </div> <div data-bbox="596 675 989 837" data-label="Section-Header"> <p>Messages Unlimited texting. Unlimited fun.</p> </div> <div data-bbox="596 873 1083 1143" data-label="Text"> <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> </div> <div data-bbox="596 1369 655 1390" data-label="Text"> <p>* * *</p> </div> <div data-bbox="1150 451 1894 1318" data-label="Image"> </div>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p data-bbox="1360 574 1787 643">Exchange words. Or photos. Or videos.</p> <p data-bbox="1360 659 1898 862">iMessage lets you send messages back and forth with anyone on iPad, iPhone, iPod touch, or a Mac running Mountain Lion. Send photos, videos, locations, and contacts, too. If you have more than one Apple device, iMessage keeps the conversation going across all of them. And you can text and send photos and videos via MMS to other mobile phones over cellular networks. Even ask Siri to text for you. Just say "Tell Peter I'm on my way" and Siri writes your message and fires it off.</p> <p data-bbox="590 1062 1898 1166">Upon information and belief, and as also discussed elsewhere herein, an Apple iPhone can determine whether a communication connection with a contact may be made using FaceTime, for instance if that contact has the FaceTime service on a supported Apple iPhone, iPad, iPod touch, or Mac product.</p> <p data-bbox="590 1208 1182 1240">See, e.g., http://www.apple.com/ios/facetime/:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="596 347 699 446"></div> <div data-bbox="596 477 898 630"><h3>FaceTime</h3><p>Be in two places at once.</p></div> <div data-bbox="596 651 982 959"><p>Hang with friends in one city. Visit family in another. Make that important meeting. While you're catching the game at the ballpark. With a tap, you can make video calls over Wi-Fi from your iPhone, iPad, iPod touch, or Mac to someone else's. You can even make FaceTime calls over cellular networks on iPhone or iPad.* And be there in person, even when you're not.</p></div> <div data-bbox="596 1045 655 1065"><p>* * *</p></div> <div data-bbox="1045 269 1898 1000"></div>

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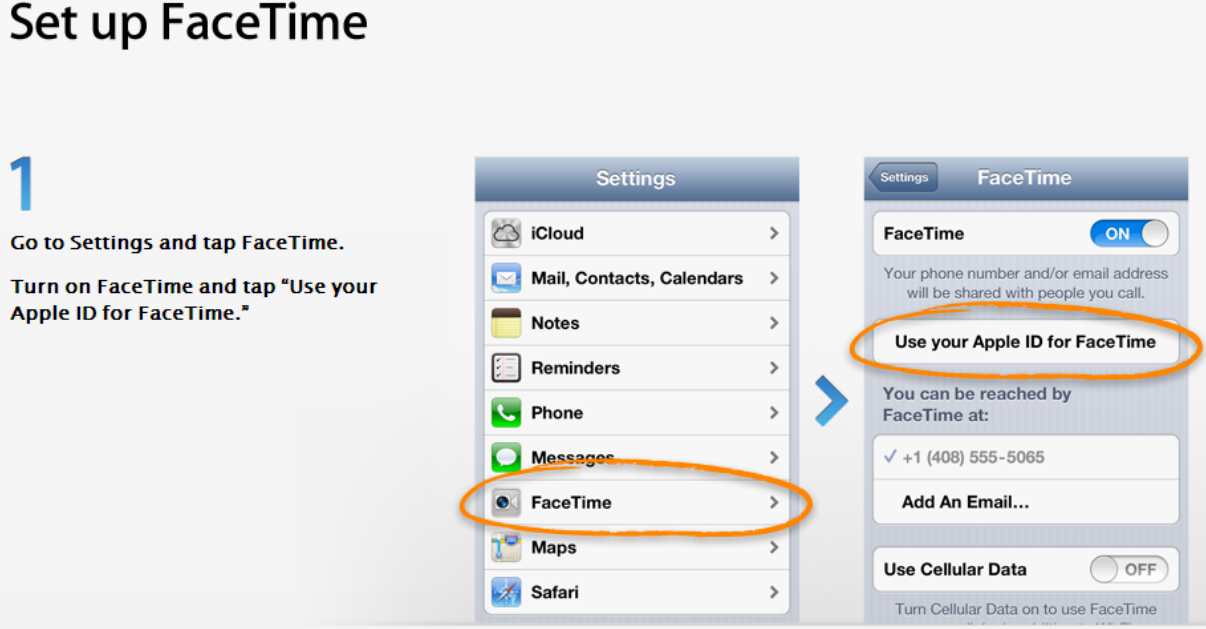
‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>Set up FaceTime</p> <p>1</p> <p>Go to Settings and tap FaceTime.</p> <p>Turn on FaceTime and tap “Use your Apple ID for FaceTime.”</p> 
<p>a communications manager application coupled to the processor and to the memory, wherein the communications manager application is adapted to:</p>	<p>Upon information and belief, an Apple iPhone has a communication manager application known as the Apple “Messages” application, which is coupled to the processor and to the memory, and is adapted to perform the claimed steps.</p> <p><i>See generally</i> Apple iPhone User Guide For iOS 6 Software, (“iPhone User Guide”), available at http://manuals.info.apple.com/en/iphone_user_guide.pdf, at Chap. 9 (pp. 64-66).</p> <p><i>See id.</i> at 64:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <h3 data-bbox="642 472 1234 516">Sending and receiving messages</h3> <div data-bbox="642 537 1877 646"><p>WARNING: For important information about avoiding distraction while driving, see Important safety information on page 146.</p></div> <p data-bbox="642 675 1835 748">Messages lets you exchange text messages with other SMS and MMS devices via your cellular connection, and with other iOS devices using iMessage.</p> <p data-bbox="642 781 1877 976">iMessage is an Apple service that lets you send unlimited messages over Wi-Fi (as well as cellular connections) to other iOS and OS X Mountain Lion users. With iMessage, you can see when other people are typing, and let them know when you've read their messages. iMessages are displayed on all of your iOS devices logged in to the same account, so you can start a conversation on one of your devices, and continue it on another device. iMessages are encrypted for security.</p> <p data-bbox="590 1032 1251 1065"><i>See also, e.g., http://www.apple.com/ios/messages/:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <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><i>See also demonstration screenshots:</i></p>  <p><i>Apple Messages Application Icon</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p><i>Apple Messages Application Settings</i></p> <p>See also http://www.apple.com/iphone/compare-iphones/:</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³			
	<div style="text-align: center;">  <p>iPhone 5 iPhone 4 s iPhone 4</p> </div> <hr/> <div style="text-align: center;">  <p>A6 chip A5 chip A4 chip</p> </div> <hr/> <table border="0" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%; vertical-align: top;">Capacity and Price⁷</td> <td style="width: 33%;"> 16GB \$199 32GB \$299 64GB \$399 </td> <td style="width: 33%;"> 16GB \$99 8GB FREE </td> </tr> </table> <p>Upon information and belief, Apple’s FaceTime application is a communication manager application, also coupled to the processor and to the memory, and adapted to perform the claimed steps.</p> <p>See, e.g., http://www.apple.com/ios/facetime/:</p>	Capacity and Price ⁷	16GB \$199 32GB \$299 64GB \$399	16GB \$99 8GB FREE
Capacity and Price ⁷	16GB \$199 32GB \$299 64GB \$399	16GB \$99 8GB FREE		

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="598 381 699 483" data-label="Image"> </div> <div data-bbox="598 511 898 667" data-label="Section-Header"> <p>FaceTime Be in two places at once.</p> </div> <div data-bbox="598 686 982 997" data-label="Text"> <p>Hang with friends in one city. Visit family in another. Make that important meeting. While you’re catching the game at the ballpark. With a tap, you can make video calls over Wi-Fi from your iPhone, iPad, iPod touch, or Mac to someone else’s. You can even make FaceTime calls over cellular networks on iPhone or iPad.* And be there in person, even when you’re not.</p> </div> <div data-bbox="1045 305 1892 1036" data-label="Image"> </div> <div data-bbox="598 1081 655 1101" data-label="Text"> <p>* * *</p> </div> <div data-bbox="598 1122 1885 1162" data-label="Footnote"> <p><small>*FaceTime video calling requires a FaceTime-enabled device for the caller and recipient and a Wi-Fi connection. FaceTime over a cellular network requires iPhone 4S, iPhone 5, or iPad (3rd generation) with cellular data capability. Availability over a cellular network depends on carrier policies; data charges may apply.</small></p> </div>
<p>detect that the first communication connection with the contact is disconnected;</p>	<p>Upon information and belief, the Apple Messages application can detect that a first communication connection with a contact is disconnected; for instance, if a communication connection using iMessage (e.g., using an Apple ID, email address, or phone number) cannot be established.</p> <p>See iPhone User Guide at 64:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="596 516 793 553">Blue is best.</p> <p data-bbox="596 570 1205 732">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p>  <p data-bbox="596 1089 659 1110">* * *</p> <p data-bbox="596 1130 1577 1154">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1203 1037 1227"><i>See also demonstration screenshot:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p><i>See also screenshots below, demonstrating that the text message with the content “Testing” sent by an iPhone (“646-943-2743”) to a contact (“Demonstration”) may be delivered using email where a phone number for the contact is unavailable.</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>The screenshot shows an iPhone Messages app interface. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, '3:07 PM', and '88%' battery. The message header shows 'Messages', 'Demonstration', and 'Edit'. Below the header are buttons for 'Email', 'FaceTime', and 'Contact >'. A text message is shown with the date 'Oct 30, 2012, 11:48 AM' and the content 'Testing'. At the bottom, there is a 'Text Message' input field with a camera icon on the left and a 'Send' button on the right.</p> <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p>Upon information and belief, the Apple FaceTime application also can detect that a first communication connection with a contact is disconnected; for instance, if a communication</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>connection using FaceTime (e.g., using an Apple ID, email address, or phone number) cannot be established.</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p> <p>FaceTime With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also iPhone User Guide (iOS 5.1) at 60:</i></p> <p>If your Wi-Fi network is unavailable (for example, if you’re out of range), you get an option to redial the number for a voice call.</p>
<p>identify the second communication means associated with the contact; and</p>	<p>Upon information and belief, when the Messages application (i.e., the communications manager application) detects that the first communication connection with the contact is disconnected, the Messages application, based on the Apple iPhone Messages settings, will identify the second communication means associated with the contact, a send, e.g., the message as an SMS text message using a phone number.</p> <p><i>See demonstration screenshot:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>The screenshot shows the 'Messages' settings page on an iPhone. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '11:21 AM', Bluetooth, and a 60% battery level. Below the status bar is a navigation bar with a 'Settings' button and the title 'Messages'. The main content area contains three toggle switches, all of which are turned 'ON': 'iMessage', 'Send Read Receipts', and 'Send As SMS'. Each toggle is accompanied by explanatory text. The 'iMessage' section states that messages can be sent between iPhone, iPad, and iPod touch, with a 'Learn More' link. The 'Send Read Receipts' section explains that this allows others to be notified when their messages are read. The 'Send As SMS' section notes that this option is used when iMessage is unavailable and that carrier rates may apply. At the bottom, there is a 'Receive At' section with a '2 Addresses' link and a chevron icon.</p> <p><i>See also iPhone User Guide at 64:</i></p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p data-bbox="596 516 793 553">Blue is best.</p> <p data-bbox="596 570 1205 732">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p> <div data-bbox="1262 272 1892 1040"></div> <p data-bbox="596 1089 659 1110">* * *</p> <p data-bbox="596 1130 1577 1154">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1203 1037 1227"><i>See also demonstration screenshot:</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The screenshot shows a text message conversation on an iPhone. The contact is named 'Demonstration'. The messages are as follows:</p> <ul style="list-style-type: none"> Green bubble: "Hey Jen, turn iMessage on" White bubble: "Ok" Date separator: "Oct 18, 2011 1:31 PM" Blue bubble: "iMessage test 1 @ 1:31pm" Blue bubble: "Now turn off iMessage" (marked as "Delivered") White bubble: "My iMessage is now off" Green bubble: "iMessage test 2 @ 1:35pm" (marked as "Sent as Text Message") Green bubble: "After 5 minutes, Messages app sent iMessage as SMS text message" <p>The bottom of the screen shows the text input field with "Text Message" and a "Send" button.</p> <p>See also iPhone User Guide at 64:</p> <p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>See also screenshots below, demonstrating that the text message with the content "Testing" sent by an iPhone ("646-943-2743") to a contact ("Demonstration") may be delivered using email where a phone number for the contact is unavailable.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p>Upon information and belief, such message could be delivered also as an iMessage to the email address (the second communication means) on a device where the Messages settings specify that the</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>email address may be used with Messages, or using another second communication means, such as an Apple ID.</p> <p><i>See, e.g., iPhone User Guide at 66:</i></p> <p>Messages settings Go to Settings > Messages to set options for Messages, including:</p> <ul style="list-style-type: none">• Turning iMessage on or off• Notifying others when you've read their messages• Specifying an Apple ID or email address to use with Messages• SMS and MMS options• Showing the Subject field• Showing the character count <p><i>See also http://www.apple.com/ios/messages/:</i></p> <div data-bbox="604 967 1887 1076" style="border: 1px solid #ccc; padding: 10px; background-color: #f0f0f0; text-align: center;"><p>Set up iMessage</p></div> <p>* * *</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="604 277 1060 751"> <p>3</p> <p>Tap Send & Receive.</p> <p>Choose which email addresses and phone numbers you want people to use to send you messages, then tap Next.</p> <p>Under "Start new conversations from," choose the email address or phone number you'd like to use to send outgoing messages.</p> <p>Note: If you've already set up other devices for Messages, they'll alert you that a new device has been set up for Messages.</p> </div> <div data-bbox="1108 285 1885 751"> </div> <p>Upon information and belief, when the FaceTime application (i.e., the communications manager application) detects that the first communication connection with the contact is disconnected, the FaceTime application will identify the second communication means associated with the contact, e.g., a voice call using a phone number</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>FaceTime</p> <p>With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also</i> iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</p> <p>If your Wi-Fi network is unavailable (for example, if you’re out of range), you get an option to redial the number for a voice call.</p>
<p>cause the processor to initiate a second communication connection to the second communication means.</p>	<p>Upon information and belief, an Apple iPhone as described above will cause the processor to initiate a second communication connection to the second communication means. For instance, where iMessage is unavailable, the processor will send a message as an SMS message using a phone number.</p> <p><i>See</i> iPhone User Guide at 64:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="596 516 793 548">Blue is best.</p> <p data-bbox="596 570 1205 732">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p>  <p data-bbox="596 1089 659 1105">* * *</p> <p data-bbox="596 1130 1577 1154">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1203 1037 1227"><i>See also demonstration screenshot:</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p><i>See also</i> iPhone User Guide at 64:</p> <p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p><i>See also</i> screenshots below, demonstrating that the text message with the content “Testing” sent by an iPhone (“646-943-2743”) to a contact (“Demonstration”) may be delivered using email (a second communication means) where a phone number (a first communication means) for the contact is unavailable.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	 <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject:</p> <p>Testing</p> <p>Upon information and belief, such message could be delivered also as an iMessage to the email</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone³
	<p>address (the second communication means) on a device where the Messages settings specify that the email address may be used with Messages, or using another second communication means, such as an Apple ID.</p> <p><i>See, e.g.,</i> iPhone User Guide at 66:</p> <p>Messages settings Go to Settings > Messages to set options for Messages, including:</p> <ul style="list-style-type: none">• Turning iMessage on or off• Notifying others when you've read their messages• Specifying an Apple ID or email address to use with Messages• SMS and MMS options• Showing the Subject field• Showing the character count <p><i>See also</i> http://www.apple.com/ios/messages/:</p> <div data-bbox="604 1003 1892 1114" style="border: 1px solid #ccc; padding: 10px; text-align: center;">Set up iMessage</div> <p>* * *</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<div data-bbox="667 277 709 337" style="font-size: 24pt; font-weight: bold; color: blue;">3</div> <div data-bbox="667 354 873 378" style="font-weight: bold;">Tap Send & Receive.</div> <div data-bbox="667 396 1058 472"> <p>Choose which email addresses and phone numbers you want people to use to send you messages, then tap Next.</p> </div> <div data-bbox="667 490 1058 594"> <p>Under "Start new conversations from," choose the email address or phone number you'd like to use to send outgoing messages.</p> </div> <div data-bbox="667 612 1058 688"> <p>Note: If you've already set up other devices for Messages, they'll alert you that a new device has been set up for Messages.</p> </div> <div data-bbox="1129 285 1885 751"> </div> <p data-bbox="590 802 1875 906">Upon information and belief, an Apple iPhone as described above also will cause the processor to initiate a second communication connection to the second communication means where FaceTime is unavailable, in that the processor will initiate a voice call using a phone number.</p> <p data-bbox="590 948 1037 979"><i>See, e.g., iPhone User Guide at 47:</i></p> <p data-bbox="604 1019 737 1050" style="color: blue;">FaceTime</p> <p data-bbox="604 1057 1528 1143">With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p data-bbox="604 1167 1528 1253"><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p data-bbox="604 1271 1528 1325">Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p data-bbox="604 1343 1436 1396">To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p><i>See also</i> iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</p> <p>If your Wi-Fi network is unavailable (for example, if you’re out of range), you get an option to redial the number for a voice call.</p>
Claim 9	
<p>9. A communication device having intelligent communication management as recited in claim 8</p>	<p>Claim 8 is incorporated herein by reference.</p> <p>Upon information and belief, and as further described in Motorola’s infringement contentions for Claim 8, an Apple iPhone is a communication device having intelligent communication management, as recited in claim 8.</p>
<p>wherein the memory further stores one or more communication preferences identifying the sequential order of the communication means for initiating communication with the contact,</p>	<p>Upon information and belief, the memory of an Apple iPhone stores one or more communication preferences identifying the sequential order of the communication means for initiating communication with the contact.</p> <p>For example, upon information and belief, the memory of an Apple iPhone stores a communication preference identifying that, when iMessage (e.g., using an Apple ID, email address, or phone number) is unavailable, communication with the contact should be initiated by SMS text message (e.g., using a phone number or email address) (i.e., in that sequential order).</p> <p><i>See</i> iPhone User Guide at 64:</p>

EXHIBIT J


'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p data-bbox="596 516 793 553">Blue is best.</p> <p data-bbox="596 570 1205 732">On iPhone, when your text bubble is blue instead of green, you'll know you're using iMessage instead of SMS. You'll know that you can get a quicker response. You'll know that the text session is free. You'll know it's been sent to all your recipients' Apple devices. And you'll know they received the text. SMS texters will be green with envy.</p>  <p data-bbox="596 1089 659 1110">* * *</p> <p data-bbox="596 1130 1577 1154">*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</p> <p data-bbox="596 1203 1052 1227"><i>See also</i> demonstration screenshots:</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The image displays two screenshots from an iPhone's Messages application. The left screenshot, titled "Demonstration", shows a conversation with the following messages: "Hey Jen, turn iMessage on" (iMessage), "Ok" (Text Message), "iMessage test 1 @ 1:31pm" (iMessage), "Now turn off iMessage" (iMessage), "My iMessage is now off" (Text Message), "iMessage test 2 @ 1:35pm" (iMessage, marked "Sent as Text Message"), and "After 5 minutes, Messages app sent iMessage as SMS text message" (iMessage). The right screenshot shows the "Messages" settings screen with "iMessage" (ON), "Send Read Receipts" (ON), and "Send As SMS" (ON) all enabled. The "Receive At" section shows "2 Addresses".</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	 <p>The screenshot shows the Messages app interface on an iPhone. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '3:07 PM', and '88%' battery. The Messages app header shows 'Messages' on the left, 'Demonstration' in the center, and 'Edit' on the right. Below the header are three buttons: 'Email', 'FaceTime', and 'Contact >'. A text message is shown with the date 'Oct 30, 2012, 11:48 AM' and a green bubble containing the word 'Testing'. At the bottom, there is a text input field with a camera icon on the left, the placeholder text 'Text Message', and a green 'Send' button on the right.</p> <p>From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing</p> <p><i>See also iPhone User Guide at 64:</i></p>

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‘183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>Similarly, upon information and belief, the memory of an Apple iPhone stores a communication preference identifying that, when FaceTime (e.g., using an Apple ID, email address, or phone number) is unavailable, a voice call (using a phone number) should be initiated with the contact (i.e., in that sequential order).</p> <p><i>See, e.g., iPhone User Guide at 47:</i></p> <p>FaceTime With iPhone 4 or later, you can make a video call to someone with a Mac or other iOS device that supports FaceTime. The FaceTime camera lets you talk face-to-face; switch to the iSight camera on the back to share what you see around you.</p> <p><i>Note:</i> On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.</p> <p>Make a FaceTime call: In Contacts, choose a name, tap FaceTime, then tap the phone number or email address that the person uses for FaceTime.</p> <p>To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.</p> <p><i>See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</i></p> <p>If your Wi-Fi network is unavailable (for example, if you're out of range), you get an option to redial the number for a voice call.</p>
<p>wherein the second communication means is identified by the communication preference.</p>	<p>Upon information and belief, such second communication means (e.g., SMS text message using a phone number or email address; voice call using a phone number) is identified by the communication preference stored in the memory of an Apple iPhone.</p>

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'183 Patent Claim	Representative Apple Products: Apple iPhone ³
	<p>See iPhone User Guide at 64 (discussing iMessage):</p> <p>An alert badge  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again. Double-tap to send the message as an SMS text message.</p> <p>* * *</p> <p><i>*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.</i></p> <p>See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime):</p> <p>If your Wi-Fi network is unavailable (for example, if you're out of range), you get an option to redial the number for a voice call.</p>