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Motorola Mobility, Inc. v. Apple, Inc.
Doc. 366 Att. 10
Dockets.Justia.com

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UNITED STATES PATENT NO. 7,024,183

PRELIMINARY INFRINGEMENT CONTENTIONS[1]

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 5[2].

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.

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	
1. A method for intelligent communication management within a communication device comprising the steps of:	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. *See generally* 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). *See id.* at 64:

[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 iPhone[3]**
	  Sending and receiving messages ***WARNING:*** For important information about avoiding distraction while driving, see Important safety information on page 146. Messages lets you exchange text messages with other SMS and MMS devices via your cellular connection, and with other iOS devices using iMessage. 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. *See also, e.g.*, http://www.apple.com/ios/messages/ (MOTO-SDFL-0000018793):

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 Messages **Unlimited texting.** **Unlimited fun.** 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. * * * **Exchange words. Or photos. Or videos.** 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. * * *

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also iPhone User Guide at 64:

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.

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'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	See also demonstration screenshot: *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.

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing 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

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	cellular connection. *See, e.g.*, http://www.apple.com/ios/facetime/: FaceTime Be in two places at once. 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. * * *

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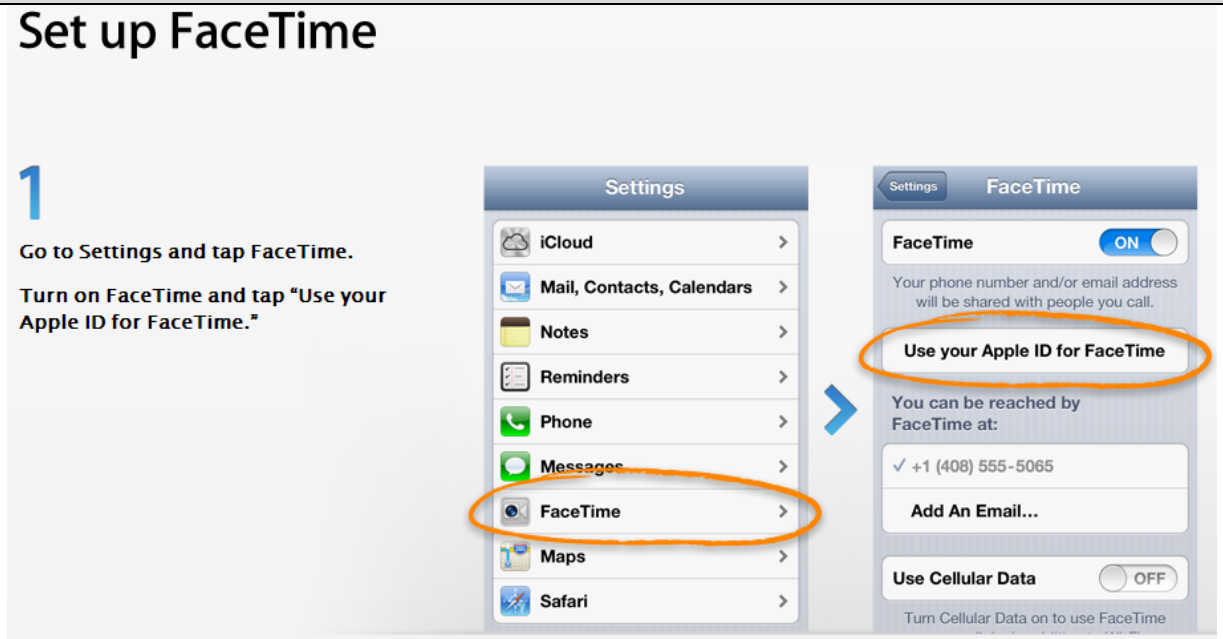
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**



See also iPhone User Guide at 47; *see generally id.* Chap. 5:

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.

Note: 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.

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.

To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.

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	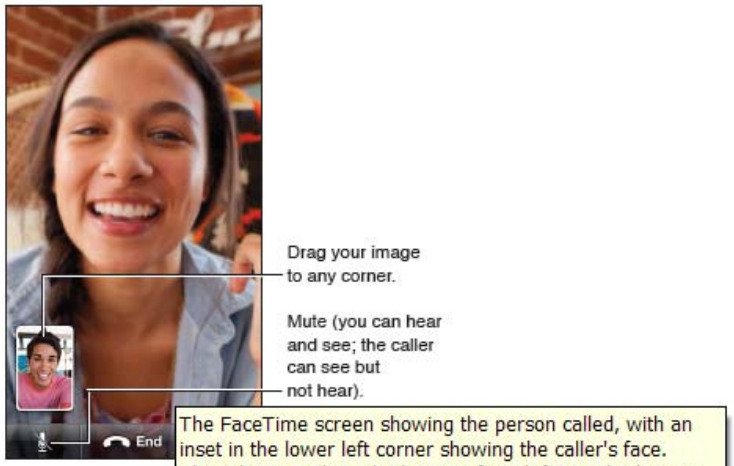 *Note:* With FaceT locked or turned off. **Use Siri or Voice Control:** Press and hold the Home button ▢, then say “FaceTime,” followed by the name of the person to call. **Set FaceTime options:** Go to Settings > FaceTime to: • Turn FaceTime on or off • Specify your Apple ID or an email address for receiving FaceTime calls *See also* http://support.apple.com/kb/ht4319 (last accessed September 1, 2012, and produced at MOTO-SDFL-0000018842):

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'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	What information do I need to call someone using FaceTime? 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: ▪ **When calling someone using an iPhone 4 or later:** Try the *phone number* 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 *email address* designated for FaceTime of the person you are calling. 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.
storing a communication preference identifying one or more communication means for sequentially initiating communication with the contact,	Upon information and belief, an Apple iPhone stores a communication preference identifying one or more communication means for sequentially initiating communication with the contact. 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). *See* iPhone User Guide at 64:

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also demonstration screenshots:

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing *See also* iPhone User Guide at 64:

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'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. 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). *See, e.g.*, iPhone User Guide at 47: 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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
wherein the communication preference comprises a communication preference chosen from a group	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.

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consisting of a fixed communication order, a pattern communication order, a time based communication order, and a calendar based communication order;	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). *See* iPhone User Guide at 64: Blue is best. 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. * * * *Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

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	See also demonstration screenshots:

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing *See also* iPhone User Guide at 64 (discussing iMessage):

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'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. 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). *See, e.g.*, iPhone User Guide at 47: 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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
initiating communication with a contact using a first communication means via a first communication	Upon information and belief, an Apple iPhone will initiate communication with a contact using a first communication means via a first communication connection. For example, upon information and belief, an Apple iPhone will, when sending a text message, initiate

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
connection;	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. *See* iPhone User Guide at 64: Blue is best. 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. * * * *Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply. *See also* demonstration screenshots:

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	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing *See also* iPhone User Guide at 64 (discussing iMessage):

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'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. 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. *See, e.g.*, iPhone User Guide at 47: 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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
detecting that the first communication connection is disconnected;	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. *See* iPhone User Guide at 64:

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	Blue is best. 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. * * * *Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply. *See also* demonstration screenshot:

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 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.

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing 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.,

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'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	using an Apple ID, email address, or phone number) cannot be established. *See, e.g.*, iPhone User Guide at 47: 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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60: 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.
identifying a second communication means associated with the contact,	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. *See, e.g.*, iPhone User Guide at 64:

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* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also demonstration screenshot:

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 See also iPhone User Guide at 64 (discussing iMessage): 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. *See also* demonstration screenshots:

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	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing *See also* iPhone User Guide at 47:

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'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
wherein the second communication means is identified by the communication preference;	Upon information and belief, the second communication means is identified by the communication preference. 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). *See* iPhone User Guide at 64:

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

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See also demonstration screenshots:

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	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing *See also* iPhone User Guide at 64 (discussing iMessage):

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	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. 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). *See, e.g.*, iPhone User Guide at 47: 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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
initiating communication with the contact via a second communication connection to the second communication means.	Upon information and belief, an Apple iPhone will initiate communication with the contact via a second communication connection to the second communication means. 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

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	second communication connection to the second communication means (i.e., by SMS text message, e.g., using a phone number or email address). *See* iPhone User Guide at 64: Blue is best. 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. * * * *Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply. *See also* demonstration screenshots:

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	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing *See also* iPhone User Guide at 64 (discussing iMessage):

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	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. 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). *See, e.g.*, iPhone User Guide at 47: 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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
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 iPhone[3]**
determining that the first communication connection is not established.	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. 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. *See* iPhone User Guide at 64:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also demonstration screenshot:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	  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. *See, e.g.*, iPhone User Guide at 47:

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60: 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.
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;	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. *See, e.g.*, iPhone User Guide at 100

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	## At a glance iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts. *See also id.* at 66:

EXHIBIT J

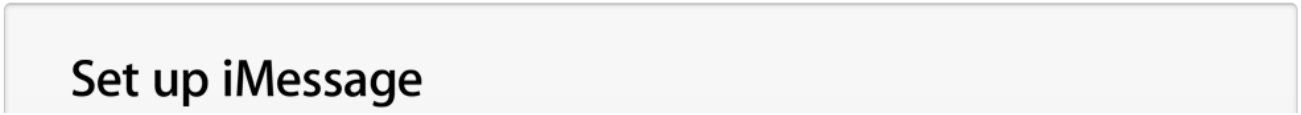
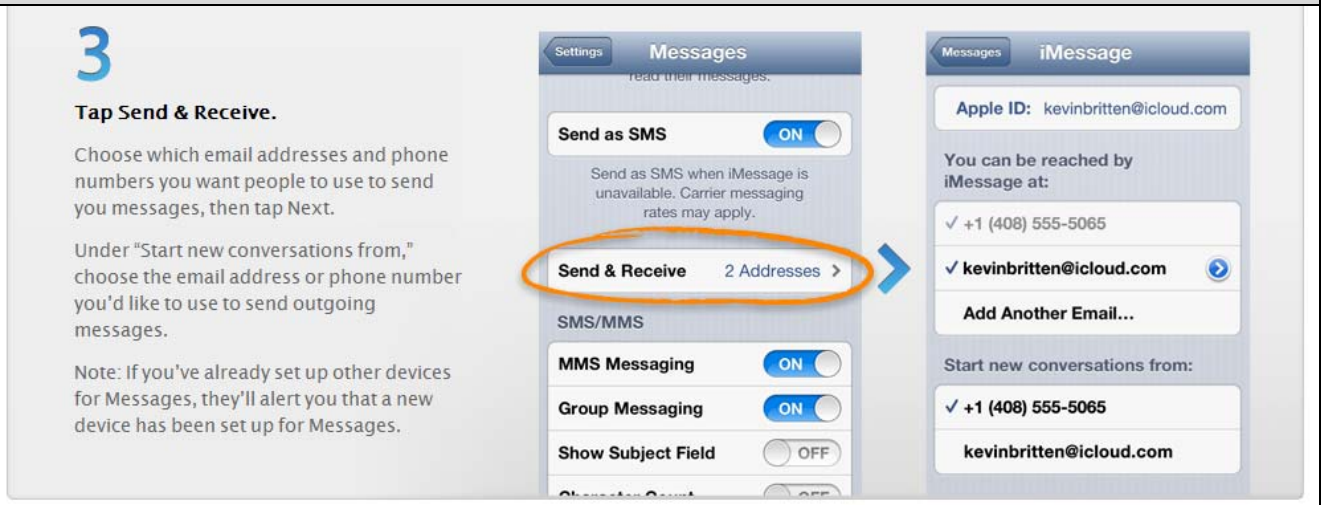
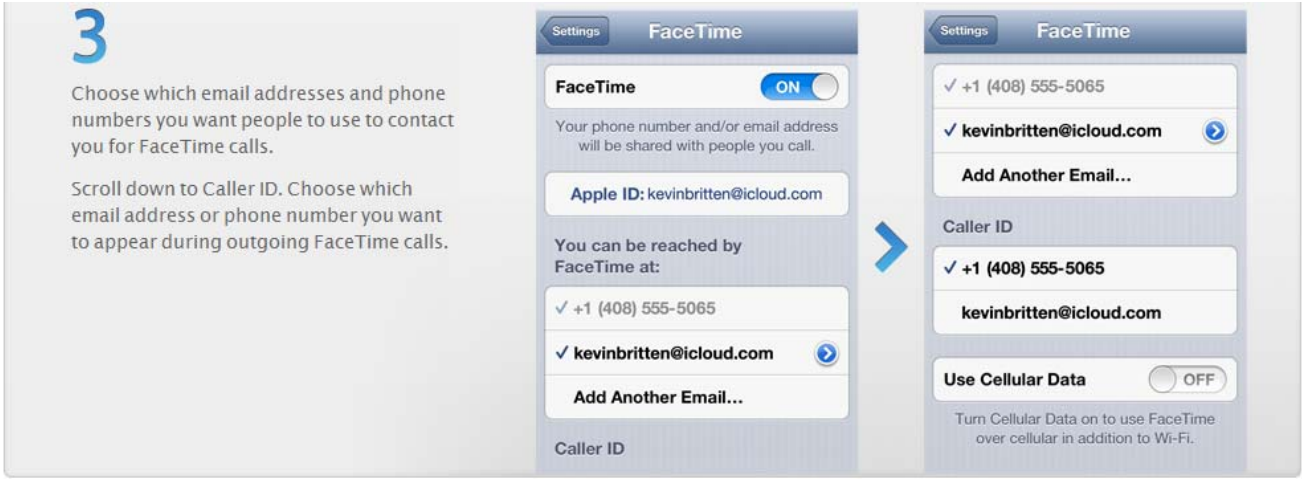
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	Messages settings Go to Settings > Messages to set options for Messages, including: • Turning iMessage on or off • Notifying others when you've read their messages • Specifying an Apple ID or email address to use with Messages • SMS and MMS options • Showing the Subject field • Showing the character count *See also* http://www.apple.com/ios/messages/:  * * *

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**



See also http://www.apple.com/ios/facetime/ (MOTO-SDFL-0000018790):



See also demonstration screenshots:

EXHIBIT J

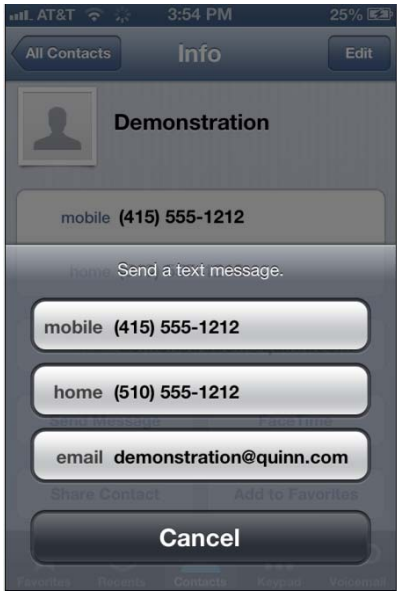
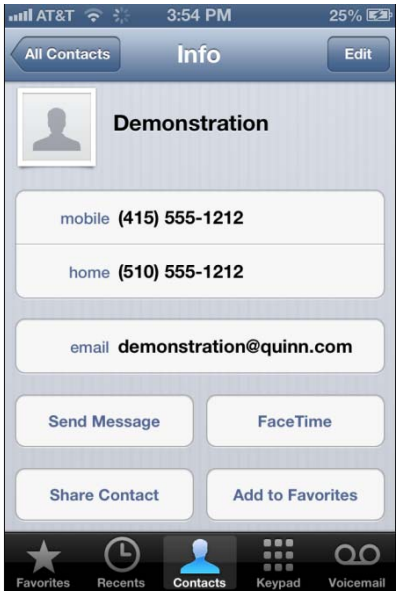
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	  *See generally*, iPhone User Guide, Chap. 25 (pp. 100-102).
displaying the stored one or more communication means; and	Upon information and belief, an Apple iPhone displays the stored one or more communication means, e.g., iMessage 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. *See, e.g.*, iPhone User Guide at 100

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	## At a glance iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts. *See also* demonstration screenshots:

EXHIBIT J

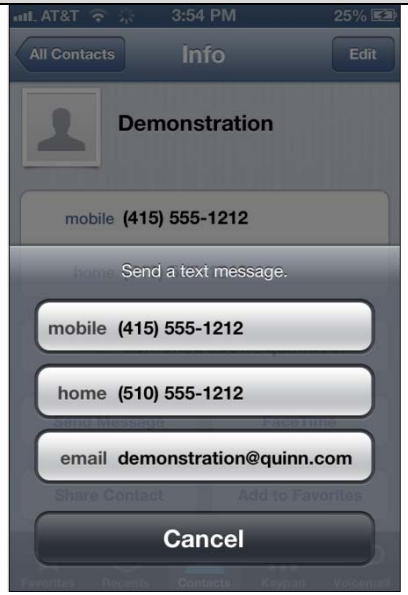
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 *See generally*, iPhone User Guide, Chap. 25 (pp. 100-102).
selecting the second communication means from the displayed one or more communication means prior to the initiating the second communication step.	Upon information and belief, 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. *See* iPhone User Guide at 64 (discussing iMessage): 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. * * * *Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
Claim 7	
7. A method as recited in claim 1 further comprising the steps of:	Claim 1 is hereby incorporated by reference.
displaying the second communication means; and	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. *See, e.g.*, iPhone User Guide at 100

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	At a glance iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts. *See also* demonstration screenshots:

EXHIBIT J

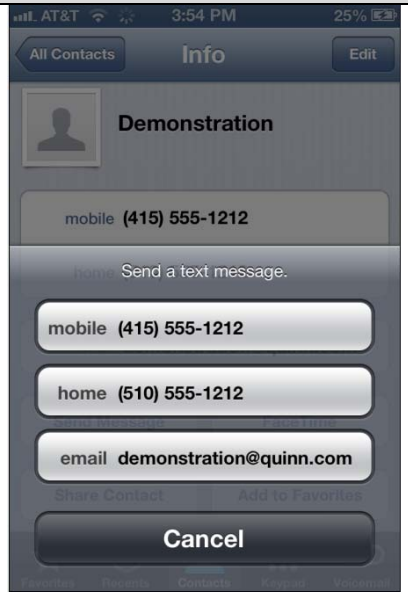
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 *See generally*, iPhone User Guide, Chap. 25 (pp. 100-102).
selecting the second communication means prior to the initiating the second communication connection step.	Upon information and belief, such second communication means (e.g., 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. *See* iPhone User Guide at 64 (discussing iMessage): 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. * * * *Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
Claim 8	
8. A communication device having intelligent communication management, the communication device comprising:	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. *See generally* 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). *See id.* at 64:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	  Sending and receiving messages ***WARNING:*** For important information about avoiding distraction while driving, see Important safety information on page 146. Messages lets you exchange text messages with other SMS and MMS devices via your cellular connection, and with other iOS devices using iMessage. 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. *See also, e.g.*, http://www.apple.com/ios/messages/:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 Messages **Unlimited texting.** **Unlimited fun.** 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. * * * **Exchange words. Or photos. Or videos.** 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. * * *

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also iPhone User Guide at 64:

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.

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	See also demonstration screenshot: *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.

EXHIBIT J

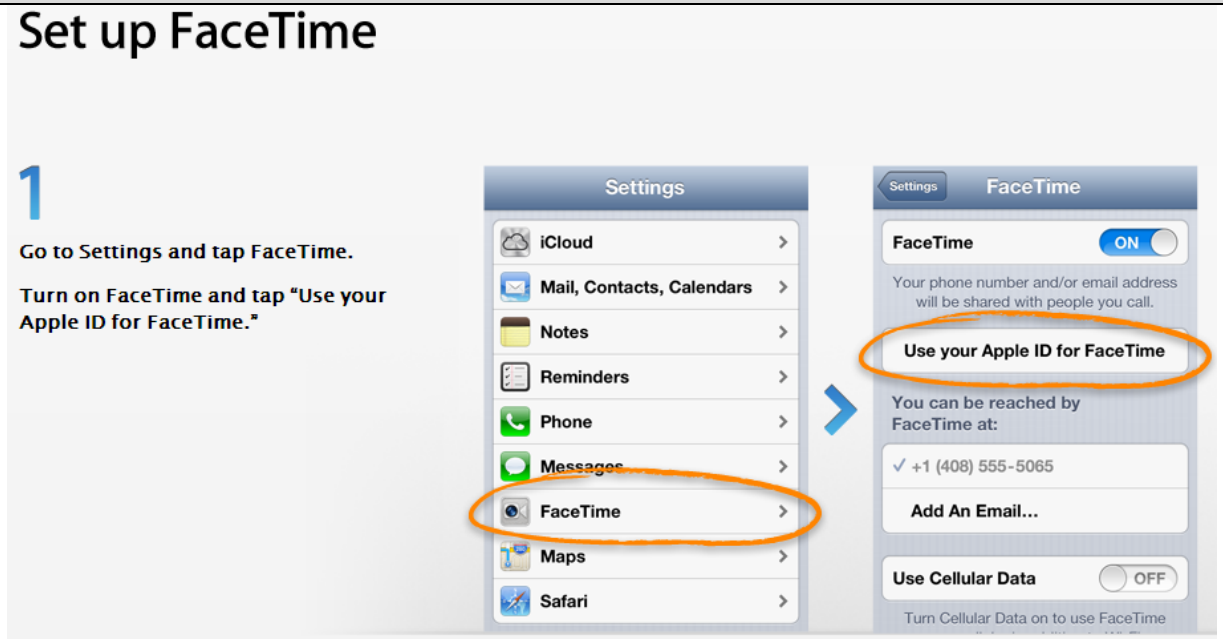
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing Also, upon information and belief, an Apple iPhone can initiate a video call using Apple’s “FaceTime” program, but when FaceTime is off or unavailable, initiate the call as a voice call over a

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	cellular connection. *See, e.g.*, http://www.apple.com/ios/facetime/: FaceTime Be in two places at once. 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. * * *

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**



See also iPhone User Guide at 47; *see generally id.* Chap. 5:

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.

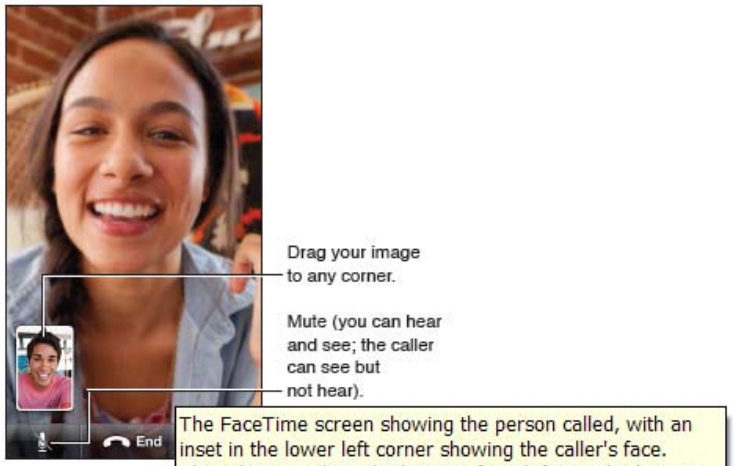
Note: On iPhone 3GS or iPhone 4, you need a Wi-Fi connection to the Internet. On iPhone 4S or later, you can also make FaceTime calls over a cellular data connection. Cellular data charges may apply. To turn off FaceTime using cellular data, go to Settings > General > Cellular.

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.

To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**



Note: With FaceT locked or turned off.

Use Siri or Voice Control: Press and hold the Home button ▢, then say "FaceTime," followed by the name of the person to call.

Set FaceTime options: Go to Settings > FaceTime to:

- Turn FaceTime on or off
- Specify your Apple ID or an email address for receiving FaceTime calls

See also http://support.apple.com/kb/ht4319 (last accessed September 1, 2012):

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	What information do I need to call someone using FaceTime? 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: ▪ **When calling someone using an iPhone 4 or later:** Try the *phone number* 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 *email address* designated for FaceTime of the person you are calling. 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.
a transceiver for communicating with a contact using a first communication means via a first communication connection;	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). Upon information and belief, an Apple iPhone contains one or more radios for communicating over Wi-Fi or cellular connections using iMessage. *See, e.g.*, iPhone User Guide at 64: 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.

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	See also id. at 130: Wi-Fi Joining Wi-Fi networks 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. Upon information and belief, an Apple iPhone contains one or more radios for communicating over Wi-Fi or cellular connections using FaceTime. *See, e.g.*, http://www.apple.com/ios/facetime/:

EXHIBIT J

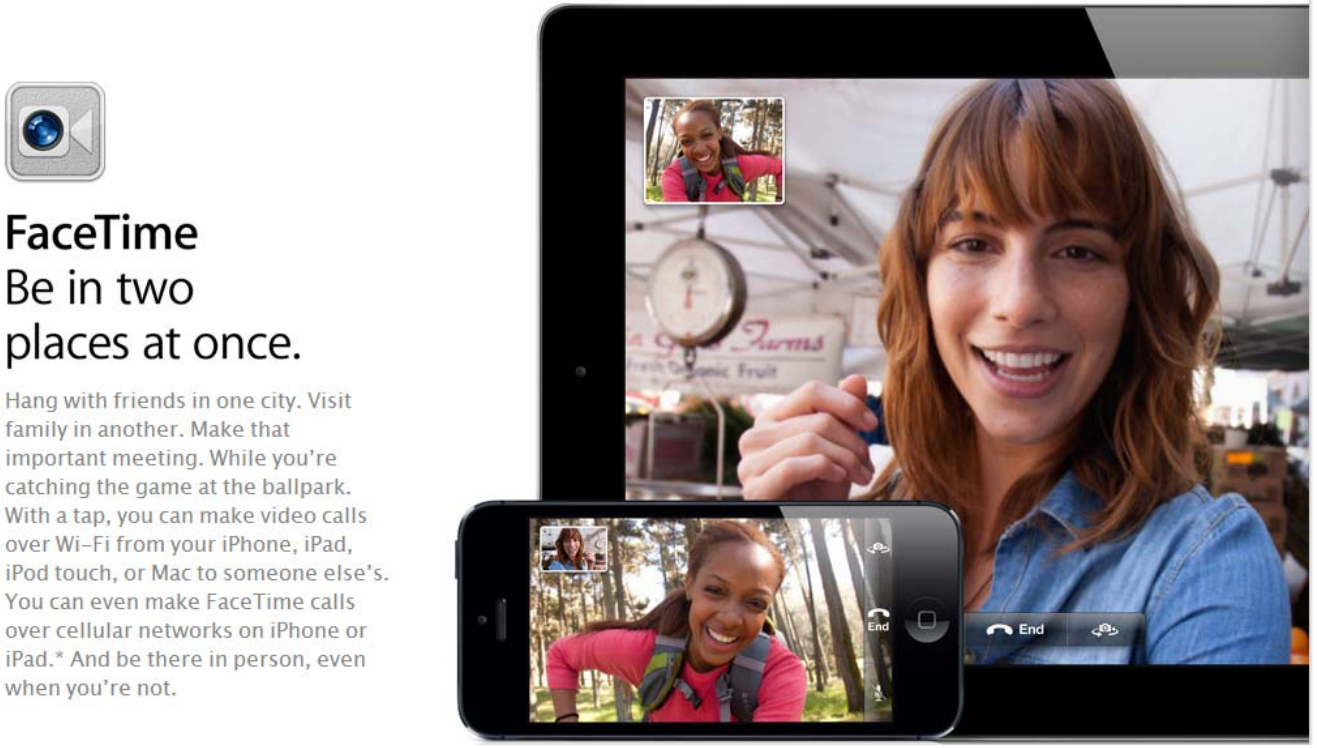
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 *See also* iPhone User Guide at 47:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* http://www.apple.com/iphone/compare-iphones/: iPhone 5 iPhone 4S iPhone 4 * * *

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Cellular and Wireless			
	GSM model: GSM/EDGE UMTS/HSPA+ DC-HSDPA CDMA model: CDMA EV-DO Rev. A and Rev. B LTE[3] Wi-Fi (802.11a/b/g/n; 802.11n on 2.4GHz and 5GHz) Bluetooth 4.0 GPS and GLONASS	GSM/EDGE UMTS/HSPA – CDMA EV-DO Rev. A[2] – Wi-Fi (802.11b/g/n; 802.11n on 2.4GHz) Bluetooth 4.0 GPS and GLONASS	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

See also http://www.apple.com/iphone/specs.html (iPhone 5) (MOTO-SDFL-0000016104):

Cellular and Wireless

- 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

See also http://twimgs.com/informationweek/galleries/automated/874/06_iPhone5_comm_front_full.jpg:

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
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;	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). *See, e.g.,* iPhone User Guide at 64: 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.

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 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. 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. *See also, e.g.*, http://www.apple.com/ios/messages/:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also demonstration screenshot:

EXHIBIT J

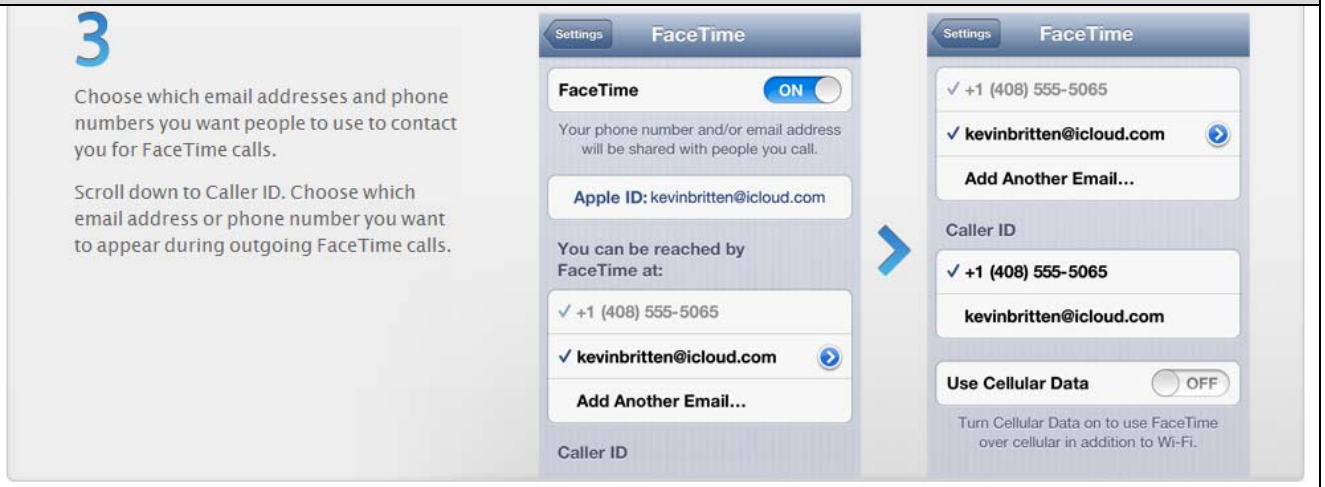
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 See, e.g., http://www.apple.com/ios/facetime/:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	  * * *

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**



See also iPhone User Guide at 47:

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.

Note: 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.

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.

To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.

See also demonstration screenshots:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 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.

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing *See also* http://www.apple.com/iphone/compare-iphones/:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 * * * A6 chip A5 chip A4 chip *See also* http://twimgs.com/informationweek/galleries/automated/874/06_iPhone5_comm_front_full.jpg:

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
a memory coupled to the processor for storing one or more contacts each having one or more associated communication means,	Upon information and belief, an Apple iPhone includes a memory coupled to the processor for storing one or more contacts. *See, e.g.,* iPhone User Guide at 100:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	At a glance iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts. *See also* demonstration screenshot:

EXHIBIT J

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

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 * * * A6 chip A5 chip A4 chip * * * Capacity and Price[7] 16GB $199 32GB $299 64GB $399 16GB $99 8GB FREE 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.

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	See, e.g., iPhone User Guide at 100 At a glance iPhone lets you easily access and edit your contact lists from personal, business, and organizational accounts. *See also id.* at 66:

EXHIBIT J

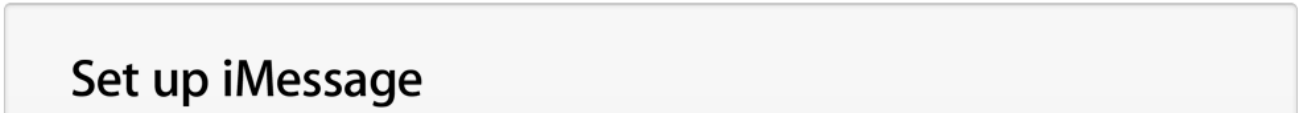
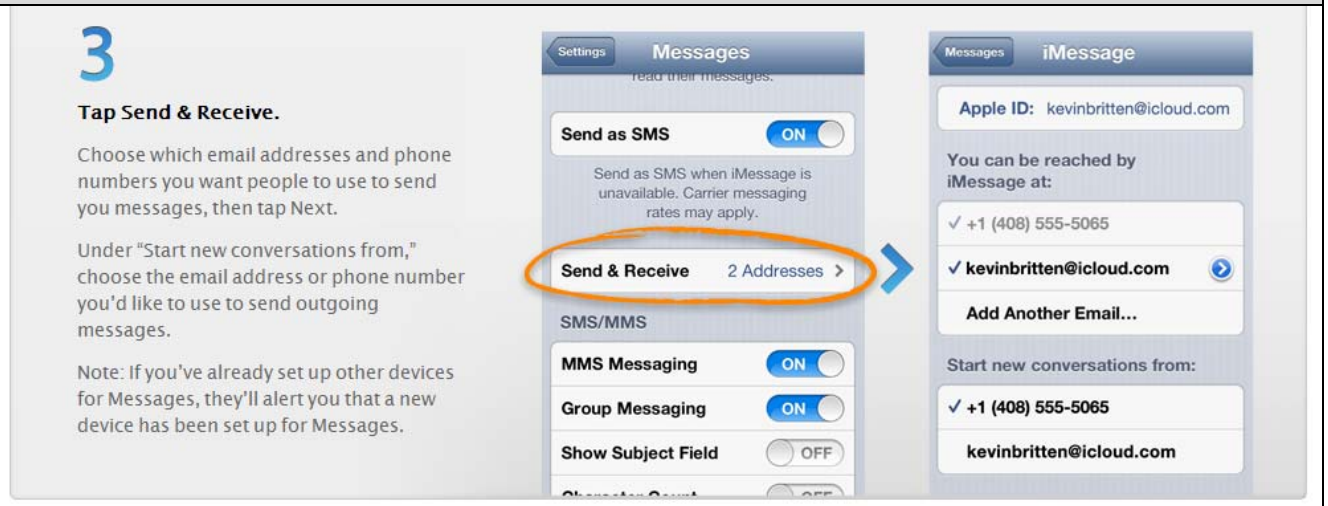
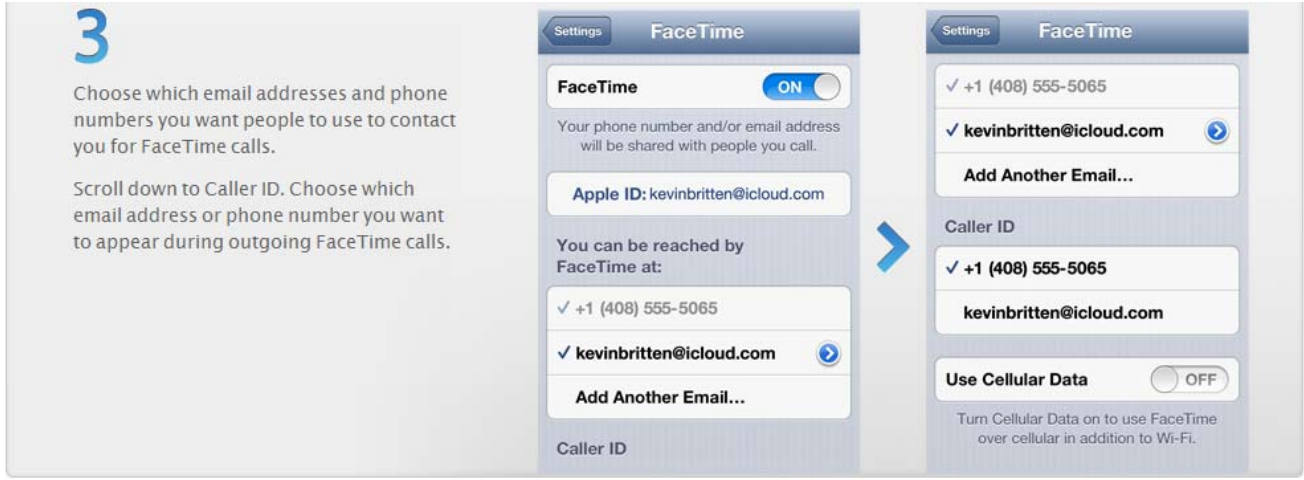
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	Messages settings Go to Settings > Messages to set options for Messages, including: • Turning iMessage on or off • Notifying others when you've read their messages • Specifying an Apple ID or email address to use with Messages • SMS and MMS options • Showing the Subject field • Showing the character count *See also* http://www.apple.com/ios/messages/:  * * *

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**



See also http://www.apple.com/ios/facetime/:



See also demonstration screenshots:

EXHIBIT J

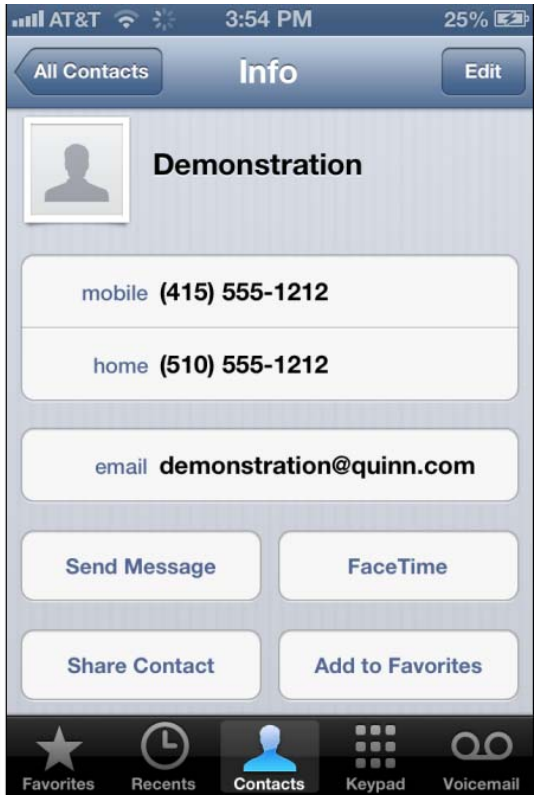
'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 *See generally*, iPhone User Guide, Chap. 25 (pp. 100-102).
the memory storing the contact associated with the first communication means and the second communication means; and	Upon information and belief, the Apple iPhone internal memory stores the contact associated with the first communication means and the second communication means. *See, e.g.*, http://www.apple.com/iphone/compare-iphones/:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 * * * Capacity and Price[7] 16GB $199 32GB $299 64GB $399 16GB $99 8GB FREE *See also* demonstration screenshots:

EXHIBIT J

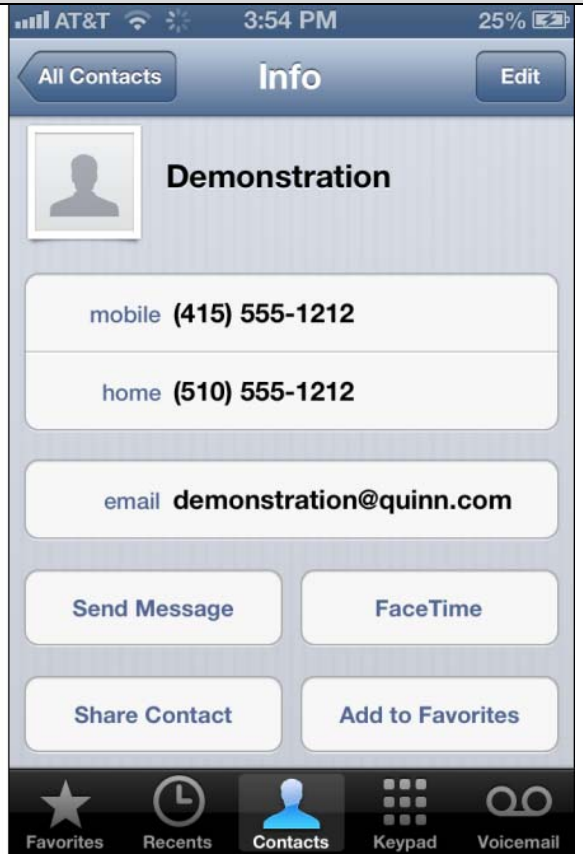
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 *See also* iPhone User Guide at 66:

EXHIBIT J

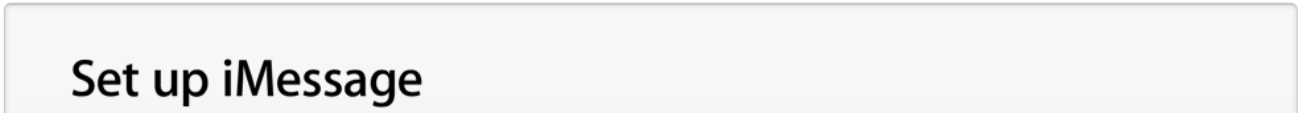
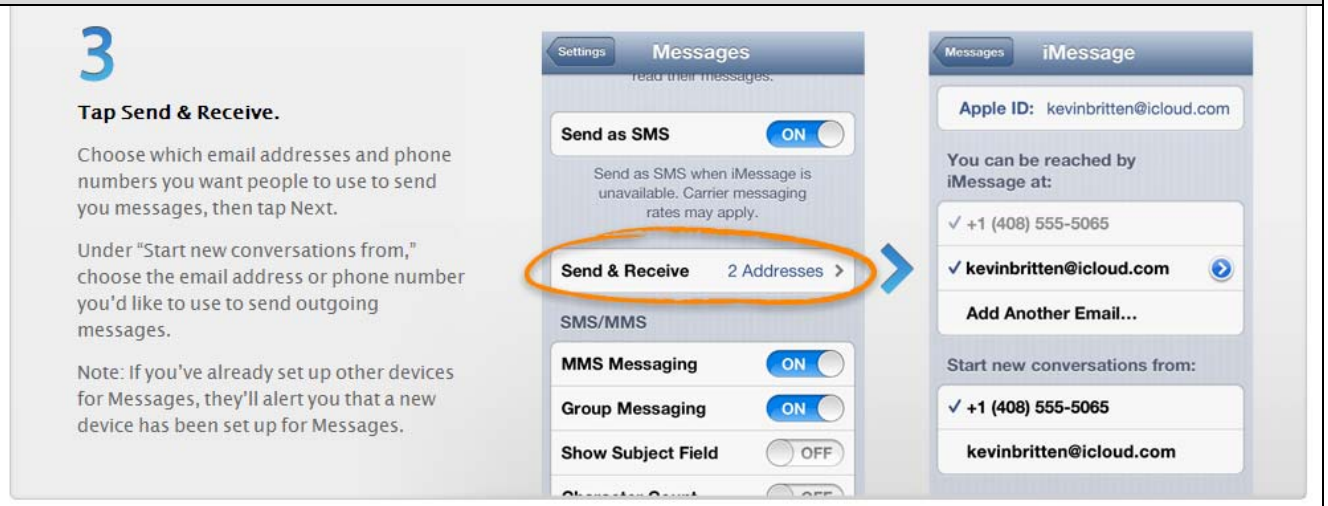
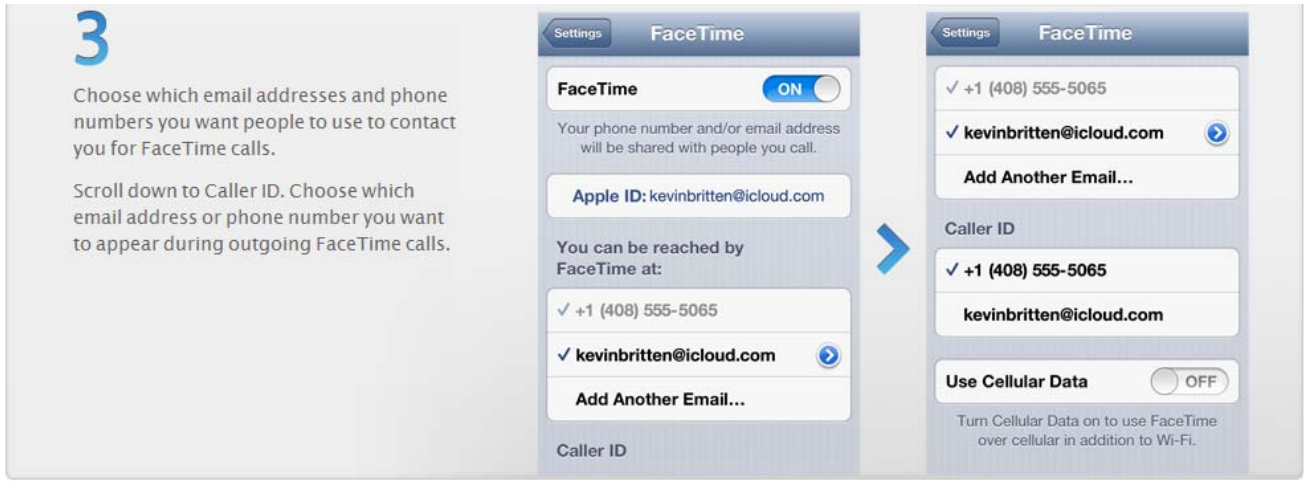
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	Messages settings Go to Settings > Messages to set options for Messages, including: • Turning iMessage on or off • Notifying others when you've read their messages • Specifying an Apple ID or email address to use with Messages • SMS and MMS options • Showing the Subject field • Showing the character count *See also* http://www.apple.com/ios/messages/:  * * *

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 *See also* http://www.apple.com/ios/facetime/:  Upon information and belief, and as also discussed elsewhere herein, an Apple iPhone can determine

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. *See, e.g.*, http://www.apple.com/ios/messages/: Messages Unlimited texting. Unlimited fun. 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. * * *

EXHIBIT J

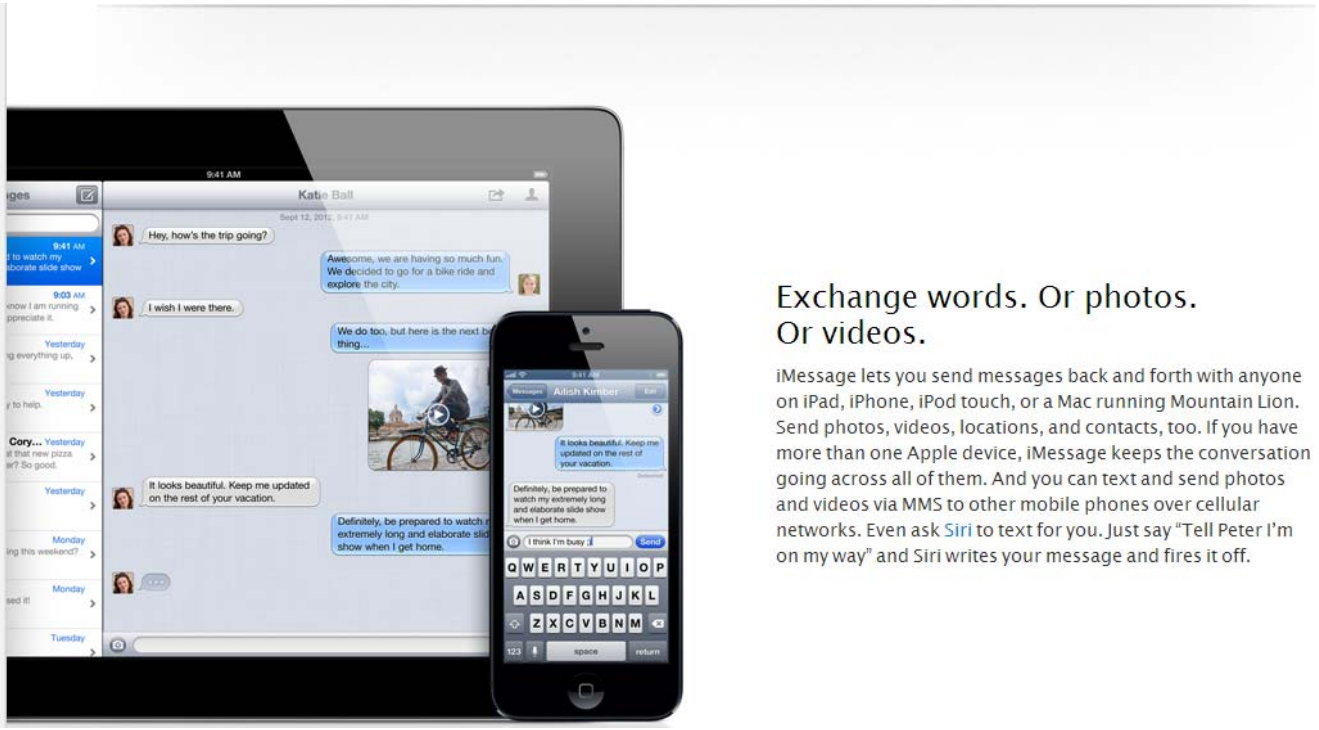
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 Upon information and belief, and as also discussed elsewhere herein, an Apple iPhone can determine whether a communication connection with a contact may be made using FaceTime, for instance if that contact has the FaceTime service on a supported Apple iPhone, iPad, iPod touch, or Mac product. *See, e.g.*, http://www.apple.com/ios/facetime/:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 FaceTime Be in two places at once. 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. * * *

EXHIBIT J

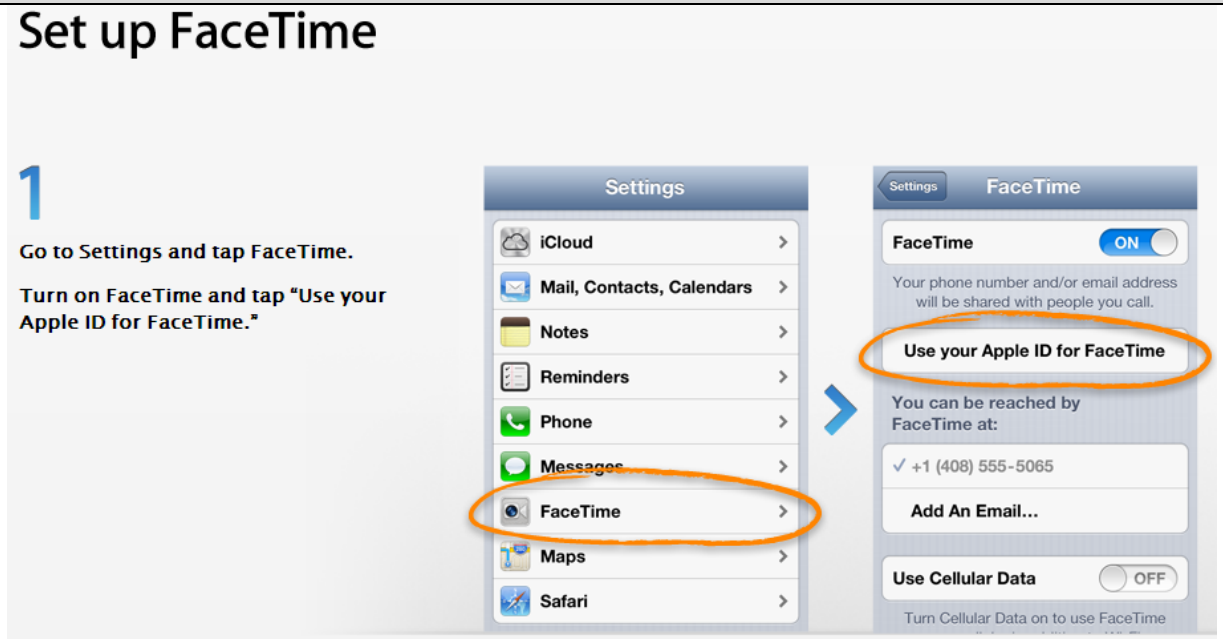
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	
a communications manager application coupled to the processor and to the memory, wherein the communications manager application is adapted to:	Upon information and belief, an Apple iPhone has a communication manager application known as the Apple “Messages” application, which is coupled to the processor and to the memory, and is adapted to perform the claimed steps. *See generally* 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). *See id.* at 64:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	  Sending and receiving messages ***WARNING:*** For important information about avoiding distraction while driving, see Important safety information on page 146. Messages lets you exchange text messages with other SMS and MMS devices via your cellular connection, and with other iOS devices using iMessage. 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. *See also, e.g.*, http://www.apple.com/ios/messages/:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 Messages **Unlimited texting.** **Unlimited fun.** 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. *See also* demonstration screenshots: *Apple Messages Application Icon*

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 Apple Messages Application Settings *See also* http://www.apple.com/iphone/compare-iphones/:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 * * * A6 chip A5 chip A4 chip * * * Capacity and Price[7] 16GB $199 32GB $299 64GB $399 16GB $99 8GB FREE 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. *See, e.g.*, http://www.apple.com/ios/facetime/:

EXHIBIT J

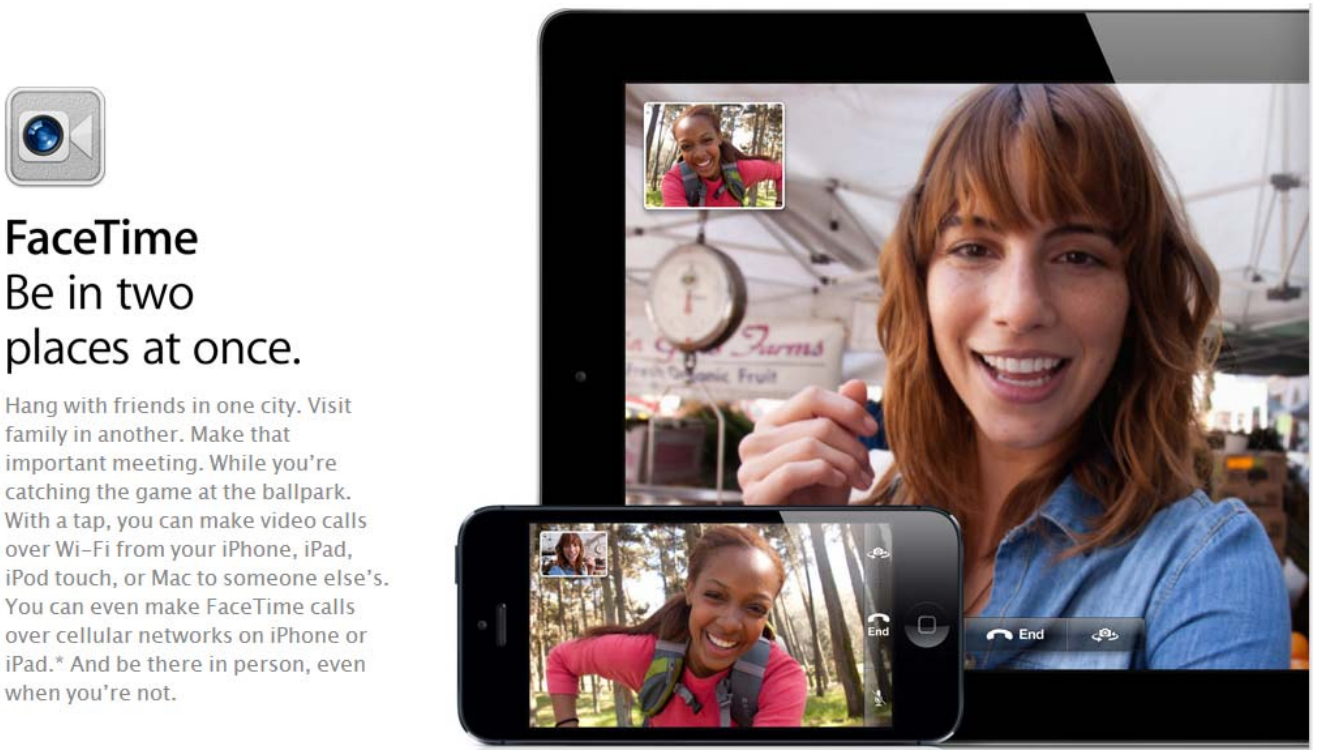
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	
detect that the first communication connection with the contact is disconnected;	Upon information and belief, the Apple Messages application can detect that a first communication connection with a contact is disconnected; for instance, if a communication connection using iMessage (e.g., using an Apple ID, email address, or phone number) cannot be established. *See* iPhone User Guide at 64:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also demonstration screenshot:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 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.

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing 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

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	connection using FaceTime (e.g., using an Apple ID, email address, or phone number) cannot be established. *See, e.g.*, iPhone User Guide at 47: 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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60: 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.
identify the second communication means associated with the contact; and	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. *See* demonstration screenshot:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 See also iPhone User Guide at 64:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also demonstration screenshot:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 See also iPhone User Guide at 64: 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. *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.

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing 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

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	email address may be used with Messages, or using another second communication means, such as an Apple ID. *See, e.g.*, iPhone User Guide at 66: Messages settings Go to Settings > Messages to set options for Messages, including: • 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 *See also* http://www.apple.com/ios/messages/: Set up iMessage * * *

EXHIBIT J

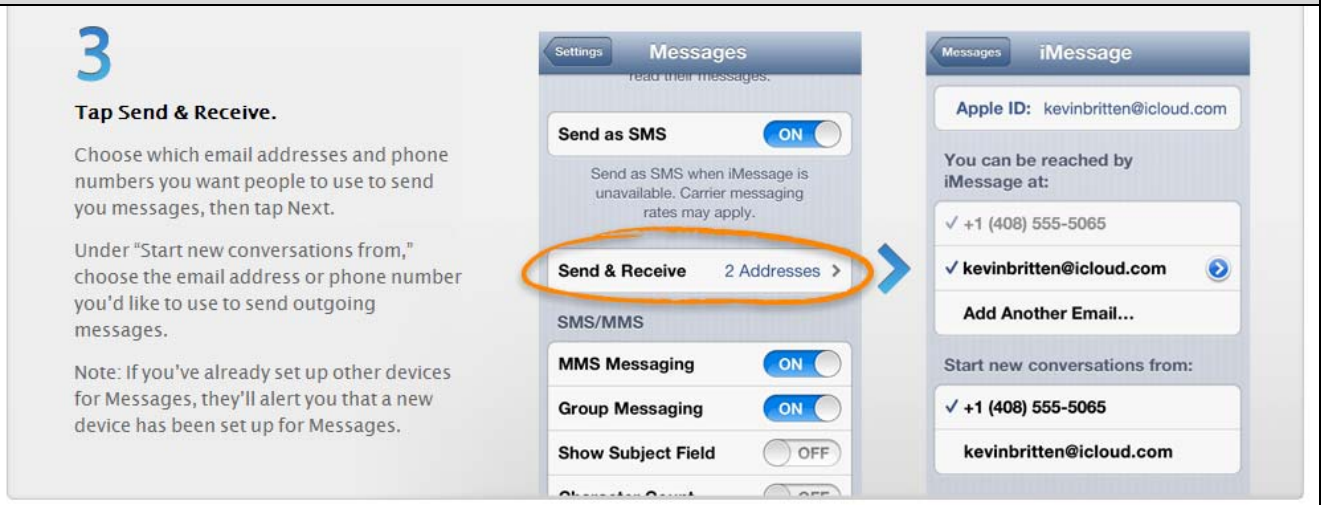
‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 Upon information and belief, when the FaceTime application (i.e., the communications manager application) detects that the first communication connection with the contact is disconnected, the FaceTime application will identify the second communication means associated with the contact, e.g., a voice call using a phone number *See, e.g.*, iPhone User Guide at 47:

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
cause the processor to initiate a second communication connection to the second communication means.	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. *See* iPhone User Guide at 64:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also demonstration screenshot:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 See also iPhone User Guide at 64: 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. *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 (a second communication means) where a phone number (a first communication means) for the contact is unavailable.

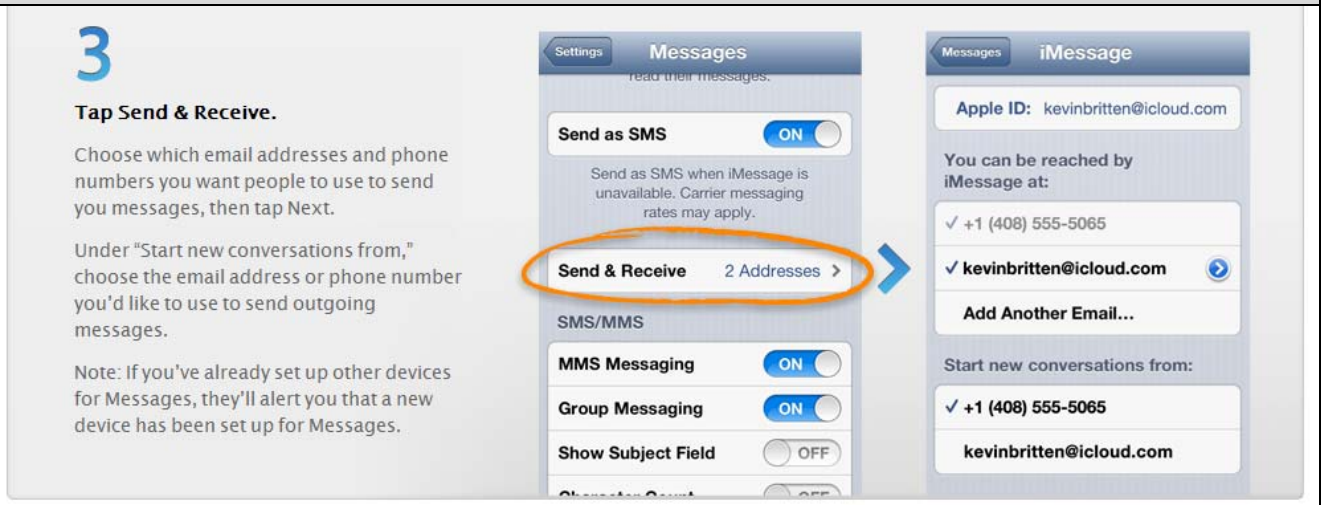
EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing Upon information and belief, such message could be delivered also as an iMessage to the email

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. *See, e.g.,* iPhone User Guide at 66: Messages settings Go to Settings > Messages to set options for Messages, including: • 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 *See also* http://www.apple.com/ios/messages/: Set up iMessage * * *

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**



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.

See, e.g., iPhone User Guide at 47:

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.

Note: 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.

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.

To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime.

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	See also iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
Claim 9	
9. A communication device having intelligent communication management as recited in claim 8	Claim 8 is incorporated herein by reference. 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.
wherein the memory further stores one or more communication preferences identifying the sequential order of the communication means for initiating communication with the contact,	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. 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). *See* iPhone User Guide at 64:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

Blue is best.

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.

* * *

*Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply.

See also demonstration screenshots:

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**

EXHIBIT J

‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	 _____ From: 6469432743@mms.att.net [6469432743@mms.att.net] Sent: Tuesday, October 30, 2012 2:51 PM To: Demonstration Subject: Testing *See also* iPhone User Guide at 64:

EXHIBIT J

'183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	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. 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). *See, e.g.*, iPhone User Guide at 47: 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. *Note:* 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. **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. To call someone who has an iPhone 4 or later, you can start by making a voice call, then tap FaceTime. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.
wherein the second communication means is identified by the communication preference.	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.

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‘183 Patent Claim	**Representative Apple Products: Apple iPhone[3]**
	See iPhone User Guide at 64 (discussing iMessage): 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. * * * *Messages may be sent as SMS when iMessage is unavailable; carrier messaging fees apply. *See also* iPhone User Guide (iOS 5.1) at 60 (discussing FaceTime): 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.