Doc. 366 Att. 11

## **UNITED STATES PATENT NO. 7,243,072**

## PRELIMINARY INFRINGEMENT CONTENTIONS<sup>1</sup>

#### **Accused Apple Products:**

All Apple products on which Siri is available, including but not limited to the 5<sup>th</sup> Generation Apple iPod Touch<sup>2</sup>, Apple iPhone 4S, Apple iPhone 5<sup>3</sup>, 3<sup>rd</sup> Generation Apple iPad, 3<sup>rd</sup> Generation Apple iPad + 4G, 4<sup>th</sup> Generation Apple iPad [with cellular] Apple iPad mini,<sup>5</sup> and Apple iPad mini [with cellular]; Apple Siri Servers (as further defined below).

Apple directly infringes the '072 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 '072 patent through its development, testing, use, distribution and sale of its products and services, Apple also indirectly infringes the '072 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

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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.

<sup>&</sup>lt;sup>2</sup> The term "5<sup>th</sup> Generation Apple iPod Touch" means Apple's new iPod Touch announced by Apple on September 12, 2012. *See* http://www.apple.com/pr/library/2012/09/12Apple-Introduces-New-iPod-touch-iPod-nano.html.

<sup>&</sup>lt;sup>3</sup> 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.

<sup>&</sup>lt;sup>4</sup> The terms "4<sup>th</sup> Generation Apple iPad" and "4<sup>th</sup> Generation Apple iPad [with cellular]" mean Apple's new iPad devices announced by Apple on October 23, 2012. *See* http://www.apple.com/pr/library/2012/10/23Apple-Introduces-iPad-mini.html.

<sup>&</sup>lt;sup>5</sup> The terms "Apple iPad mini" and "Apple iPad mini [with cellular]" mean Apple's new iPad mini devices announced by Apple on October 23, 2012. *See* http://www.apple.com/pr/library/2012/10/23Apple-Introduces-iPad-mini.html.

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 '072 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 '072 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 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.

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
Claim 1	
	Upon information and belief, the Accused Apple Products that include the Siri application, such as the Apple iOS Devices, are subscriber devices that operate to obtain and transmit spoken instructions to an Apple server that processes those instructions (hereinafter, "Apple Siri Server"), which is a remote agent that assists with control of the Apple iOS Devices.
	See, e.g., iPhone User Guide, For iOS 6 Software, available at <a href="http://manuals.info.apple.com/en/iphone user guide.pdf">http://manuals.info.apple.com/en/iphone user guide.pdf</a> , and produced at MOTO-SDFL-0000016133 ("iPhone User Guide"):

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 iOS Device" refers to all Apple products on which Siri is available, including but not limited to the 5<sup>th</sup> Generation Apple iPod Touch, Apple iPhone 4S, Apple iPhone 5, 3<sup>rd</sup> Generation Apple iPad, 3<sup>rd</sup> Generation Apple iPad + 4G, 4<sup>th</sup> Generation Apple iPad, 4<sup>th</sup> Generation Apple iPad [with cellular], Apple iPad mini, and Apple iPad mini [with cellular].

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	What is Siri? Siri is the intelligent personal assistant that helps you get things done just by talking. Siri understands natural speech, so you don't have to learn specific commands or remember keywords. You can ask things in different ways. For example, you can say "Set the alarm for 6:30 a.m." or "Wake me at 6:30 in the morning." Either way, Siri gets it.
	See also <a href="http://www.apple.com/iphone/built-in-apps/">http://www.apple.com/iphone/built-in-apps/</a> (MOTO-SDFL-0000018818):

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>	
	Siri. Ask even more of Siri.  Siri is the intelligent assistant that understands what you say, knows what you mean, and has the answers you need. And now Siri understands more languages, so it does more things in	
	more countries. <sup>2</sup>	
	Get things done.  Say something like "Text my wife!" Il be there in 15 minutes."  Or "Find a good Italian restaurant nearby." Siri figures out the right apps to use, then, just like a personal assistant, it replies with the answer. Siri makes phone calls, sends messages, schedules meetings, sets reminders, and more.  Get ready for movie night.  Ask Siri to find upcoming showtimes, look up movie facts, play trailers, and more. Siri can also show you ratings and reviews from Rotten Tomatoes.  Get sports scores and stats.  Find out scores from live games and the current season's past games, schedules, team rosters, and player stats for baseball, basketball, football, hockey, and soccer. They're all just a question away.  Get restaurant recommendations.  Siri helps you find restaurants by cuisine, price, location, outdoor seating, or a combination of choices. Siri will show you Yelp stars and reviews — even make a reservation for you via OpenTable.  Learn more about Siri >	

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	See also <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> (MOTO-SDFL-0000018787):  Siri is available for iPhone 5, iPhone 4S, iPad with Retina display, iPad mini, and iPod touch (5th generation).  See also <a href="http://www.apple.com/ios/siri/">http://www.apple.com/ios/siri/</a> (demonstrating use of Siri on an iPhone 5 and an iPad) (MOTO-SDFL-0000018797):
	Siri. Reconstruction of the state of the sta

## **Representative Apple Products: Apple iOS Devices**<sup>6</sup> '072 Patent Claim See also id. (demonstrating use of Siri on an iPod touch (5<sup>th</sup> generation): It understands what you say. And knows what you mean. Talk to Siri as you would to a person. Say something 66 Show me Italian like "Tell my wife I'm running late" or "Remind me to restaurants in North Beach 99 call the vet." Siri not only understands what you say, it's smart enough to know what you mean. So when I found fifteen Italian restaurants fairly close to North Beach: you ask "Any good burger joints around here?" Siri will reply "I found a number of burger restaurants TONY'S PIZZA NAPOLETANA ITALIAN, PIZZA near you." Then you can say "Hmm. How about 1570 STOCKTON ST 0.7 MI ★★★☆ 1137 REVIEWS tacos?" Siri remembers that you just asked about THE STINKING ROSE restaurants, so it will look for Mexican restaurants IM 8.0 325 COLUMBUS AVENUE in the neighborhood. And Siri is proactive, so it will question you until it finds what you're looking for. ITALIAN, SEAFOOD . \$\$ 552 GREEN ST . 0.7 MI See also http://support.apple.com/kb/HT4992 (MOTO-SDFL-0000018834): Additional Information \* Siri is currently in Beta. Siri requires Internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply. Phone calls are available only on iPhone. See also iPhone User Guide at 42:

Representative Apple Products: Apple iOS Devices <sup>6</sup>
Network connection  Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.
See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added) (MOTO-SDFL-0000018844):
(c) <u>Siri and Dictation.</u> The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
See generally iPhone User Guide, Chap. 4 (pp. 36-42).  See also, e.g., <a href="http://www.apple.com/iphone/compare-iphones/">http://www.apple.com/iphone/compare-iphones/</a> (MOTO-SDFL-0000018829):

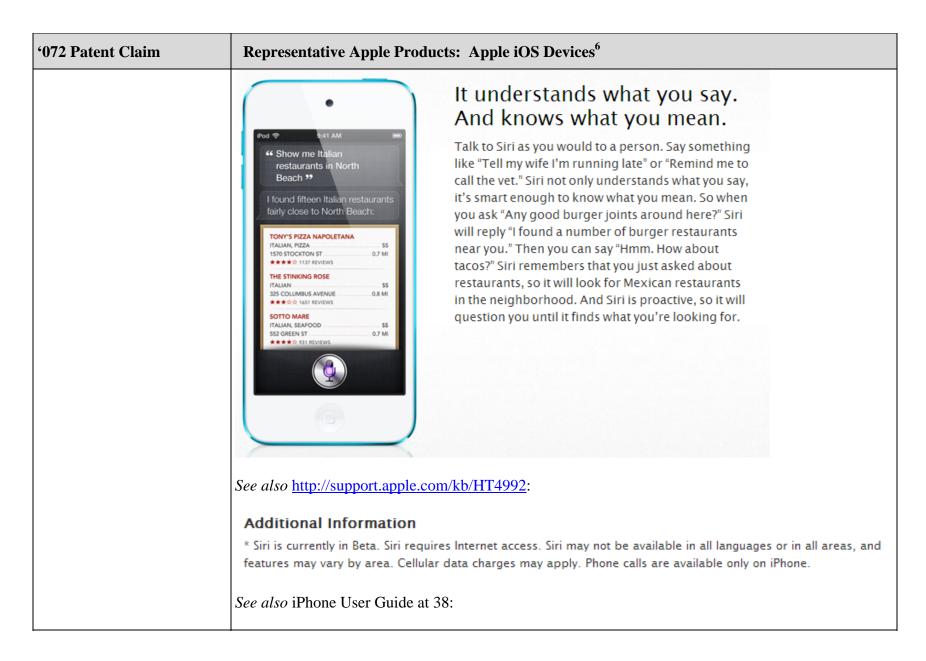
'072 Patent Claim	Representative App	ole Products: Apple iOS I	Devices <sup>6</sup>	
		iPhone 5	iPhone 4 S	iPhone 4
	* * *			
	SIM Card	Nano-SIM iPhone 5 is not compatible with existing micro-SIM cards.	Micro-SIM	Micro-SIM
	See also http://www.ap	pple.com/ipad/compare/ (Me	OTO-SDFL-0000018815	):

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>			
		<b>iPad</b> mini	iPad 2	iPad with Retina display
	* * *			
	SIM Card	Nano-SIM  iPad mini is not compatible with existing micro-SIM cards.	Micro-SIM	Micro-SIM
	See also http://www.a (MOTO-SDFL-00000		/10/04Apple-Launches-iPh	none-4S-iOS-5-iCloud.html

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	iPhone 4S also introduces Siri, an intelligent assistant that helps you get things done just by asking. Siri understands context allowing you to speak naturally when you ask it questions, for example, if you ask "Will I need an umbrella this weekend?" it understands you are looking for a weather forecast. Siri is also smart about using the personal information you allow it to access, for example, if you tell Siri "Remind me to call Mom when I get home" it can find "Mom" in your address book, or ask Siri "What's the traffic like around here?" and it can figure out where "here" is based on your current location. Siri helps you make calls, send text messages or email, schedule meetings and reminders, make notes, search the Internet, find local businesses, get directions and more. You can also get answers, find facts and even perform complex calculations just by asking.
receiving from the subscriber device, an instruction message that corresponds to spoken instructions;	Upon information and belief, the Apple iOS Devices are subscriber devices which, through the use of the Siri application, transmit an instruction message corresponding to spoken instructions over a network, which is received by a remote agent (i.e., an Apple Siri Server) to assist with control of the subscriber device.  See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>		
	Using Siri		
	How do I ask Siri something?		
	To talk to Siri, hold down the Home button and you'll hear two quick beeps and see "What can I help you with?" on the screen. Just begin speaking. The microphone icon lights up to let you know that Siri hears you talking. Once you've started a dialogue with Siri, tap the microphone icon to talk to it again.		
	There's more than one way to talk to Siri. Siri works with headphones and Bluetooth headsets. When you're using headphones with a remote and microphone, you can press and hold the center button to talk to Siri. With a Bluetooth headset, press and hold the call button to bring up Siri.		
	On iPhone 4S and iPhone 5, simply bring iPhone up to your ear when the screen is on. You'll hear two quick beeps to indicate that Siri is listening to you.		
	In a car that supports Eyes Free, you can also start a conversation with Siri just by pressing a button on your steering wheel.		
	Siri waits for you to stop talking, but you can also tap the microphone icon to tell Siri you're done talking. This is useful when there's a lot of background noise.		
	See also id.:		
	Do I have to say things a certain way to get Siri to respond?		
	No. You can speak to Siri as you would to a person — in a natural voice with a conversational tone. If you want to know what the weather will be like tomorrow, simply say "What will the weather be like tomorrow?" Or "Does it look like rain tomorrow?" Or even "Will I need an umbrella tomorrow?" No matter how you ask, Siri will tell you the forecast.		
	See also <a href="http://www.apple.com/ios/siri/">http://www.apple.com/ios/siri/</a> (demonstrating use of Siri on an iPhone 5 and an iPad):		





'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>	
	Onscreen guide	
	Siri prompts you with examples of things you can say, right on screen. Ask Siri "what can you do" or tap ② when Siri first appears. Siri displays a list of the apps it supports, with an example request. Tap an item in the list to more examples.	



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>	
	Network connection  Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.	
	See also generally iPhone User Guide, Chap. 4 (pp. 36-42).	
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):	
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.	
converting the spoken instructions to control commands;	Upon information and belief, the remote agent at the Apple Siri Server converts the spoken instructions collected by the Siri application on the subscriber device, and the remote agent converts those spoken instructions into control commands.	
	See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :	

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>		
	What is Siri?		
	Siri is the intelligent personal assistant that helps you get things done just by asking. It allows you to use your voice to send messages, schedule meetings, place phone calls, and more. But Siri isn't like traditional voice recognition software that requires you to remember keywords and speak specific commands. Siri understands your natural speech, and it asks you questions if it needs more information to complete a task.		
	See also id.:		
	What happens after I ask Siri a question or ask it to do something?		
	When you finish speaking, Siri displays the text of what you said and provides a response. If Siri needs more information to complete a request, it will ask you a question. For example, if you say "Remind me to call my mom," Siri will ask "What time would you like me to remind you?"		
	When you use earphones or a headset, Siri reads back text messages and email messages that you've dictated before you send them, and it reads back the subjects of reminders before you create them. This is especially helpful when you're driving and can't see the screen.		
	See also <a href="https://www.apple.com/ios/siri/">https://www.apple.com/ios/siri/</a> :		



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Siri works seamlessly with most of the built-in apps on iPhone, and uses Search and Location Services when needed. You can also ask Siri to open an app for you.
	There's so much you can say to Siri—here are some more examples, for starters:
	Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also id. at 37:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.
	When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.
	"Meet with Jamie for coffee at two today " What Siri heard you say
	Your meeting with Jamie is scheduled for 2 pm today.  Siri's response
	Saturday, May 2012  Saturday, May 2012  Cancel  Confirm  Saturday, May 2012  Cancel  Confirm  Saturday, May 2012  Cancel  Confirm  Related info—tap to open the app.
	Tap to speak to Siri.
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"
	Cancel a request: Say "cancel," tap ♠, or press the Home button □.
	See also iPhone User Guide at 42:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Network connection  Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.
	See also generally iPhone User Guide, Chap. 4 (pp. 36-42).
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
providing a control message corresponding to the control commands; and	Upon information and belief, the remote agent at the Apple Siri Server additionally provides a control message corresponding to the control commands received.
,	See, e.g., https://www.apple.com/ios/siri/:



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Siri works seamlessly with most of the built-in apps on iPhone, and uses Search and Location Services when needed. You can also ask Siri to open an app for you.
	There's so much you can say to Siri—here are some more examples, for starters:
	Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also id. at 37:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.
	When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.
	"Meet with Jamie for coffee at two today " What Siri heard you say
	Your meeting with Jamie is scheduled for 2 pm today.  Siri's response
	Saturday, May 2012  Saturday, May 2012  Cancel  Confirm  Saturday, May 2012  Cancel  Confirm  Saturday, May 2012  Cancel  Confirm  Related info—tap to open the app.
	Tap to speak to Siri.
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"
	Cancel a request: Say "cancel," tap ♠, or press the Home button □.
	See also iPhone User Guide at 42:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Network connection  Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.
	See also generally iPhone User Guide, Chap. 4 (pp. 36-42).
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
sending the control message from the remote agent to the subscriber device, thereby assisting with the control of	Upon information and belief, the remote agent at the Apple Siri Server sends the control message to the Apple iOS Device (i.e., the subscriber device), such control message assisting with the control of the Apple iOS Device.
the subscriber device.	See, e.g., https://www.apple.com/ios/siri/:

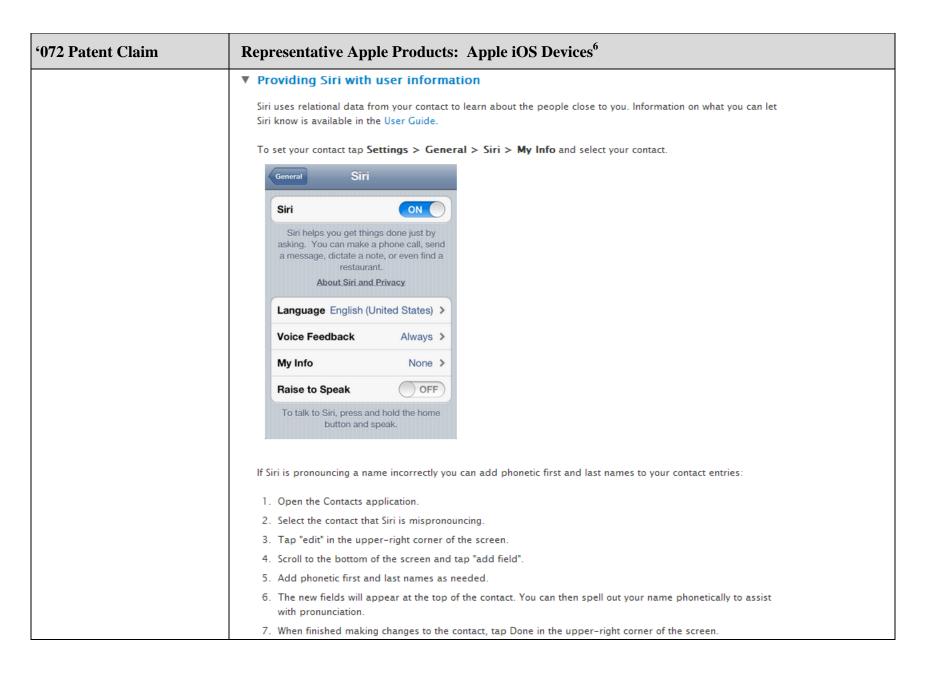


'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Siri works seamlessly with most of the built-in apps on iPhone, and uses Search and Location Services when needed. You can also ask Siri to open an app for you.
	There's so much you can say to Siri—here are some more examples, for starters:
	Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also id. at 37:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.
	When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.
	"Meet with Jamie for coffee at two today " What Siri heard you say
	Your meeting with Jamie is scheduled for 2 pm today.  Siri's response
	26  8 M T M T F 8  6 7 1 2 3 0 4 1 1  10 14 11 11 17 18 11  10 20 12 22 22 22 22 22  Related info—tap to open the app.  Cancel  Confirm
	Tap to speak to Siri.
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"
	Cancel a request: Say "cancel," tap ♠, or press the Home button □.
	See also <a href="http://support.apple.com/kb/HT4992">http://support.apple.com/kb/HT4992</a> :

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Additional Information
	* Siri is currently in Beta. Siri requires Internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply. Phone calls are available only on iPhone.
	See also iPhone User Guide at 42:
	Network connection
	Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
	See also generally iPhone User Guide, Chap. 4; iPad User Guide (available at <a href="http://manuals.info.apple.com/en_US/ipad_user_guide.pdf">http://manuals.info.apple.com/en_US/ipad_user_guide.pdf</a> , and produced at MOTO-SDFL-0000019140), Chap. 4; iPod Touch User Guide (available at <a href="http://manuals.info.apple.com/en_US/ipod_touch_user_guide.pdf">http://manuals.info.apple.com/en_US/ipod_touch_user_guide.pdf</a> , and produced at MOTO-SDFL-0000019276), Chap. 4.

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
Claim 2	
2. The method of claim 1:	Claim 1 is hereby incorporated by reference.
wherein the receiving the instruction message further includes receiving specific information sufficient to identify the subscriber device; and	Upon information and belief, the Apple iOS Devices are subscriber devices which, through the use of the Siri application, transmit an instruction message corresponding to spoken instructions over a network, which is received by a remote agent (i.e., an Apple Siri Server) to assist with control of the subscriber device, and that instruction message further includes receiving specific information sufficient to identify the subscriber device.  For instance, upon information and belief, an instruction message includes information sufficient to identify the subscriber device, including, e.g., Apple ID, device Unique Device ID (UDID), and/or other identifying information.  See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :  How does Siri learn who I am?  If Siri knows who you are, it can use your information to help you. To make sure Siri knows who you are, select your contact information in Settings > General > Siri > My Info.  Your information is used for questions like "How do I get home?" or "What good restaurants are near work?"  See also http://gupport.apple.com/kb/TS4079 (MOTO SDEL 0000018838):
	See also <a href="http://support.apple.com/kb/TS4079">http://support.apple.com/kb/TS4079</a> (MOTO-SDFL-0000018838):



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	See also generally iPhone User Guide, Chap. 4; iPad User Guide, Chap. 4; iPod Touch User Guide, Chap. 4.
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
wherein the converting the spoken instructions includes converting the spoken	Upon information and belief, converting the spoken instructions includes converting the spoken instructions to the control commands that correspond to a type of subscriber device.
instructions to the control commands that correspond to a type of subscriber device.	For example, upon information and belief, converting the spoken instructions includes converting the spoken instructions to control commands for placing a phone call.
	See, e.g., <a href="http://www.apple.com/ios/siri/">http://www.apple.com/ios/siri/</a> :



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	<i>Note:</i> Siri is available on iPhone 4S or later, and requires Internet access. Cellular data charges may apply.
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	with iPad User Guide at 35:
	Siri lets you write and send a message, schedule a meeting, place a FaceTime call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to know what you're talking about.
	and with iPod Touch User Guide at 35:
	Siri lets you write and send a message, schedule a meeting, place a FaceTime call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Upon information and belief, converting spoken instructions to control commands also corresponds to a type of subscriber device, in that certain other control commands may only be used to assist with the control of certain subscriber devices, for example, the spoken instructions "Open Passbook" will be converted to control commands only where the subscriber device is an iPhone or iPod Touch, and not where the subscriber device is an iPad.

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Compare, e.g., iPhone User Guide at 36, iPod Touch User Guide at 35, with iPad User Guide at 35 (providing examples of spoken instructions that will be converted to control commands on the subscriber devices).
Claim 3	
3. The method of claim 2	Claim 2 is hereby incorporated by reference
wherein the spoken instructions are converted to the control commands that	Upon information and belief, the spoken instructions of claim 2 are further converted to the control commands that correspond to keypad activations at the subscriber device.
correspond to keypad activations at the subscriber device.	For example, upon information and belief, spoken instructions are converted to the control commands on the Apple iOS Devices (i.e., subscriber devices) that correspond to keypad activations for at least the following.
	See, e.g., iPhone User Guide at 36:
	There's so much you can say to Siri—here are some more examples, for starters:
	Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also iPad User Guide at 35:

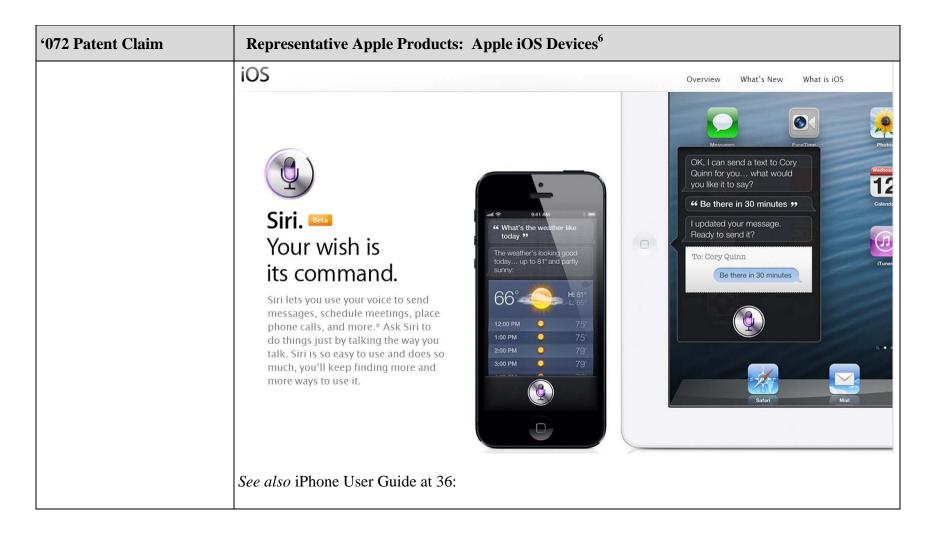
'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	There's so much you can say to Siri—here are some more examples, for starters:
	FaceTime Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple Store
	Is it going to rain tomorrow?
	Post to Facebook
	• Tweet
	See also iPod Touch User Guide at 35:
	There's so much you can say to Siri—here are some more examples, for starters:
	FaceTime Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple Store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	Moreover, upon information and belief, spoken instructions are converted to control commands on subscriber devices that correspond to specific key press patterns.
	See also <a href="http://www.apple.com/ios/siri/">http://www.apple.com/ios/siri/</a> :



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	(c) <u>Siri and Dictation.</u> The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
Claim 4	
4. The method of claim 2 further comprising	Claim 2 is hereby incorporated by reference.
maintaining a database associated with the subscriber device, the database including one of a	Upon information and belief, Apple maintains on its servers a database associated with the subscriber device, the database including one of a parameter status and a mirrored database associated with the subscriber device.
parameter status and a mirrored database associated with the subscriber device.	For example, Apple's servers stores various User Data information including a mirrored database of address book contacts and song names, as well as other communication unit (i.e., subscriber device) specific information.
	See, e.g., Apple iPhone Software License Agreement (available at
	http://images.apple.com/legal/sla/docs/ios51.pdf) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
Claim 5	
5. The method of claim 4:	Claim 4 is hereby incorporated by reference.
wherein the spoken instructions corresponds to an action comprising one of; dialing a number, looking up a number in a phone book associated with the subscriber device, the phone book incorporated into the mirrored database associated with the subscriber device, modifying contents of a memory of the subscriber device, and sending a text message;	Upon information and belief, the spoken instruction may correspond to numerous actions including that of dialing a number, looking up a number in a phone book associated with the subscriber device, the phone book incorporated into the mirrored database associated with the subscriber device, modifying contents of a memory of the subscriber device, and sending a text message.  See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :

'072 Patent Claim	Repres	sentative Apple Pro	ducts:	Apple iOS Devices <sup>6</sup>		
	Wha	t Siri Can Do F	or Y	ou		
	What t	What types of things can I ask Siri about or ask it to do?				
	You can ask Siri to make a call, find a business and get directions, schedule reminders and meetings, search the web, and more. You can even ask Siri "What can you do for me?" or tap the "i" in the right corner of the screen when you bring Siri up. You'll see examples of things Siri can do, along with ways you can ask for things.					
	Which	apps does Siri wor	k with	?		
	use to p	provide you with answe	rs. It als	apps. And it's smart eno to uses Search and Locatio vices that Siri works with	on Servi	ces to help you with your
	7	Maps	1	Web Search		Notes
	<u> </u>	Sports	<b>9</b>	Send a Tweet	1	Contacts
	<b>***</b>	Movies		App Launch	73	Weather
	40	ocal Search	<b>**</b>	Find My Friends	W	Stocks
	<b>F</b>	ost on Facebook	5	Music	W	Wikipedia search
	<b>●</b> F	aceTime		Messages		Alarms, World Clock and Timer
	<b>└</b>	Phone	12	Calendar	*	Wolfram Alpha
	N	Mail		Reminders		(English only)
	See also	http://www.apple.co	om/ios/	<u>siri/</u> :		



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	There's so much you can say to Siri—here are some more examples, for starters:
	• Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also iPad User Guide at 35:
	There's so much you can say to Siri—here are some more examples, for starters:
	FaceTime Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple Store
	Is it going to rain tomorrow?
	Post to Facebook
	• Tweet
	See also iPod Touch User Guide at 35:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>				
	There's so much you can say to Siri—here are some more examples, for starters:				
	FaceTime Joe				
	Set the timer for 30 minutes				
	Directions to the nearest Apple Store				
	Is it going to rain tomorrow?				
	Open Passbook				
	Post to Facebook				
	• Tweet				
wherein the control	Upon information and belief, the control commands will affect the action when executed by an Apple				
commands will effect [sic]	iOS Device (i.e., the subscriber device).				
the action when executed by the subscriber device.	See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :				

'072 Patent Claim	Repr	resentative Apple Prod	ducts:	Apple iOS Devices <sup>6</sup>		
	Wh	at Siri Can Do F	or Y	ou		
	Wha	What types of things can I ask Siri about or ask it to do?				
	You can ask Siri to make a call, find a business and get directions, schedule reminders and meetings, search the web, and more. You can even ask Siri "What can you do for me?" or tap the "i" in the right corner of the screen when you bring Siri up. You'll see examples of things Siri can do, along with ways you can ask for things.					
	Whic	ch apps does Siri worl	k with	?		
	Siri works with almost all your built-in apps. And it's smart enough to figure out which apps to use to provide you with answers. It also uses Search and Location Services to help you with your requests. Here's a list of apps and services that Siri works with worldwide:					
	7	Maps	X	Web Search		Notes
		Sports		Send a Tweet	1	Contacts
	****	Movies		App Launch	9	Weather
	41	Local Search	<del>λλ</del>	Find My Friends	W4	Stocks
	f	Post on Facebook	5	Music	W	Wikipedia search
	0	FaceTime		Messages		Alarms, World Clock and Timer
	<b>C</b>	Phone	12	Calendar	*	Wolfram Alpha
		Mail		Reminders	فينتف	(English only)
	See als	so http://www.apple.co	m/ios/	<u>siri/</u> :		

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>	
	Siri. Beta Your wish is its command.  Siri lets you use your voice to send messages, schedule meetings, place phone calls, and more.* Ask Siri to do things just by talking the way you talk. Siri is so easy to use and does so much, you'll keep finding more and more ways to use it.	Overview What's New What is iOS  Messaraes.  OK, I can send a text to Cory Quinn for you what would you like it to say?  4* Be there in 30 minutes **  I updated your message. Ready to send it?  To: Cory Quinn  Be there in 30 minutes  Be there in 30 minutes  Mail
Claim 6 6. The method of claim 1	Claim 1 is hereby incorporated by reference.	
further comprising	Claim 1 is necesy incorporated by reference.	
sending a confirmation message as confirmation of the receiving the instruction message.	Upon information and belief, the remote agent (i.e., the Apple 3 message as confirmation of the receiving the instruction message instruction message, the Apple Siri Server sends a confirmation what it heard; Siri may also ask for clarification.  See, e.g., iPhone User Guide at 37:	ge. For example, after receiving an

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.
	When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.
	What Siri heard you say  Your meeting with Jamie is scheduled for 2 pm today.  What Siri heard you say  Siri's response
	Saturday, May 2012  Cancel  Confirm  Set is a set in the set of th
	— Tap to speak to Siri.
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
12. A server arranged and constructed to assist with control of a subscriber device, the server	Upon information and belief, Apple maintains, manages, and operates under its direction and control servers arranged and constructed to assist with control of a subscriber device, those servers (i.e., the Apple Siri Servers) comprising the following elements of the claim.
comprising:	See, e.g., Apple iPhone Software License Agreement (available at
	http://images.apple.com/legal/sla/docs/ios51.pdf) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
a receiver to receive from the	Upon information and belief, the Apple Siri Servers contain a receiver to receive from the subscriber
subscriber device an	device (i.e., an Apple iOS Device) an instruction message that corresponds to spoken instructions, as
instruction message that corresponds to spoken instructions;	the instruction message that corresponds to the spoken instructions when Siri is used is recorded and sent to Apple, where it is received by the Apple Siri Servers.
	See, e.g., Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):

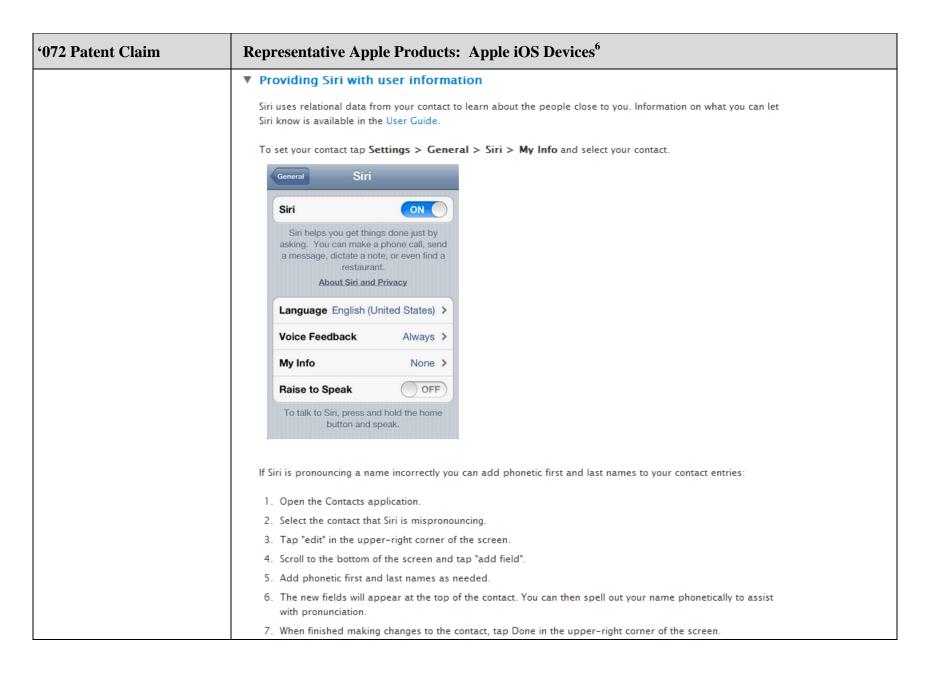
'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
a controller, coupled to the	Upon information and belief, the Apple Siri Servers further contain a controller, coupled to the
receiver to convert the	receiver to convert the spoken instructions to control commands and to provide a control message
spoken instructions to control	corresponding to the control commands.
commands and to provide a	
control message	See, e.g., Apple iPhone Software License Agreement (available at
corresponding to the control commands;	http://images.apple.com/legal/sla/docs/ios51.pdf) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
	See also <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> (discussing Siri "voice recognition algorithms," that, upon information and belief, operate on the Apple Siri Servers in the conversion of spoken instructions to control commands).

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Does Siri work out of the box, or do I have to teach it?
	Siri works right out of the box, without any work on your part. And the more you use Siri, the better it will understand you. It does this by learning about your accent and other characteristics of your voice. Siri uses voice recognition algorithms to categorize your voice into one of the dialects or accents it understands. As more people use Siri and it's exposed to more variations of a language, its overall recognition of dialects and accents will continue to improve, and Siri will work even better.
and a transmitter, coupled to the controller, to send the control message to the subscriber device, thereby	Upon information and belief, the Apple Siri Servers further contain a transmitter, coupled to the controller, to send the control message to the subscriber device, thereby assisting with the control of the subscriber device.
assisting with the control of	See, e.g., Apple iPhone Software License Agreement (available at
the subscriber device.	http://images.apple.com/legal/sla/docs/ios51.pdf) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
	See also, e.g., http://www.apple.com/ios/siri/siri-faq/:

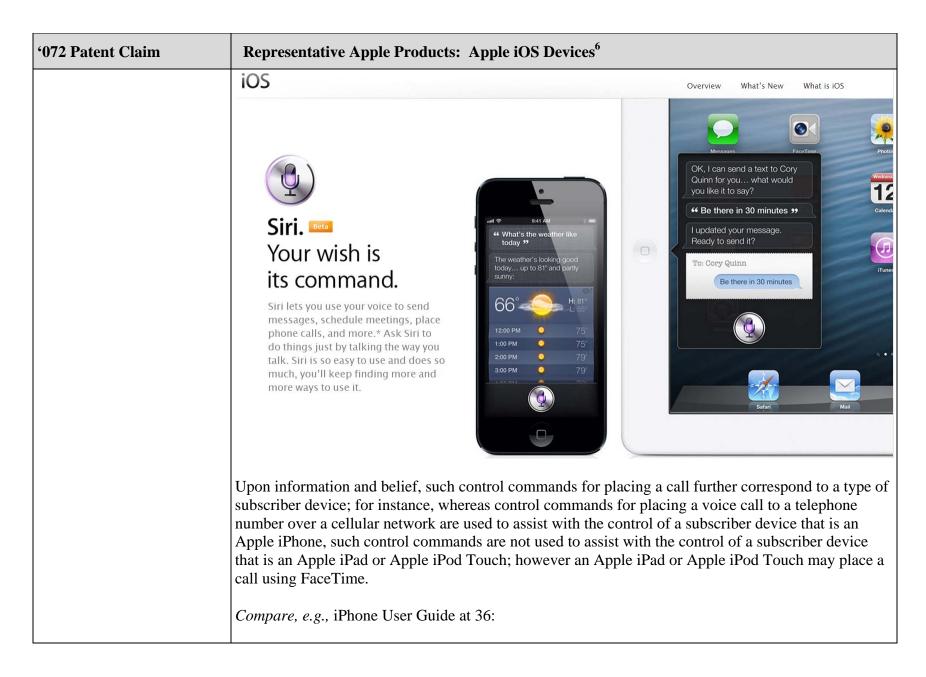
'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>					
	What Siri Can Do For You					
	What t	ypes of things can	I ask S	iri about or ask it to (	do?	
	You can ask Siri to make a call, find a business and get directions, schedule reminders and meetings, search the web, and more. You can even ask Siri "What can you do for me?" or tap the "i" in the right corner of the screen when you bring Siri up. You'll see examples of things Siri can do, along with ways you can ask for things.					
	Which	apps does Siri wor	k with	?		
	Siri works with almost all your built-in apps. And it's smart enough to figure out which apps to use to provide you with answers. It also uses Search and Location Services to help you with your requests. Here's a list of apps and services that Siri works with worldwide:					
	7	Maps	1	Web Search		Notes
	<u> </u>	Sports	<b>9</b>	Send a Tweet	1	Contacts
	<b>***</b>	Movies		App Launch	73	Weather
	40	ocal Search	<b>**</b>	Find My Friends	W	Stocks
	<b>F</b>	ost on Facebook	5	Music	W	Wikipedia search
	<b>●</b> F	aceTime		Messages		Alarms, World Clock and Timer
	<b>└</b>	Phone	12	Calendar	*	Wolfram Alpha
	N	Mail		Reminders		(English only)
	See also	http://www.apple.co	om/ios/	<u>siri/</u> :		

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>		
	iOS	Overview What's New What is iOS	
	Siri. Beta  Your wish is its command.  Siri lets you use your voice to send messages, schedule meetings, place phone calls, and more.* Ask Siri to do things just by talking the way you talk. Siri is so easy to use and does so much, you'll keep finding more and more ways to use it.	Messages  OK, I can send a text to Cory Quinn for you what would you like it to say?  "Be there in 30 minutes "  I updated your message. Ready to send it?  To: Cory Quinn  Be there in 30 minutes  Be there in 30 minutes  Safari  Mail	
Claim 13			
13. The server of claim 12:	Claim 12 is hereby incorporated by reference.		
wherein the receiver further receives specific information sufficient to identify the	Upon information and belief, the receiver of the Apple Siri Serve information sufficient to identify the subscriber device.	r further receives specific	
subscriber device;	For instance, upon information and belief, the Apple Siri Server receives an instruction message that includes information sufficient to identify the subscriber device, including, e.g., Apple ID, device Unique Device ID (UDID), and/or other identifying information.		

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :
	How does Siri learn who I am?
	If Siri knows who you are, it can use your information to help you. To make sure Siri knows who you are, select your contact information in <b>Settings</b> > <b>General</b> > <b>Siri</b> > <b>My Info</b> .
	Your information is used for questions like "How do I get home?" or "What good restaurants are near work?"
	See also http://support.apple.com/kb/TS4079:



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	See also generally iPhone User Guide, Chap. 4; iPad User Guide, Chap. 4; iPod Touch User Guide, Chap. 4.
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
and wherein the controller converts the spoken instructions to the control	Upon information and belief, the controller of the Apple Siri Server further converts the spoken instructions to the control commands that correspond to a type of subscriber device.
commands that correspond to a type of subscriber device.	For example, upon information and belief, converting the spoken instructions includes converting the spoken instructions to control commands for placing a phone call.
	See, e.g., <a href="http://www.apple.com/ios/siri/">http://www.apple.com/ios/siri/</a> :



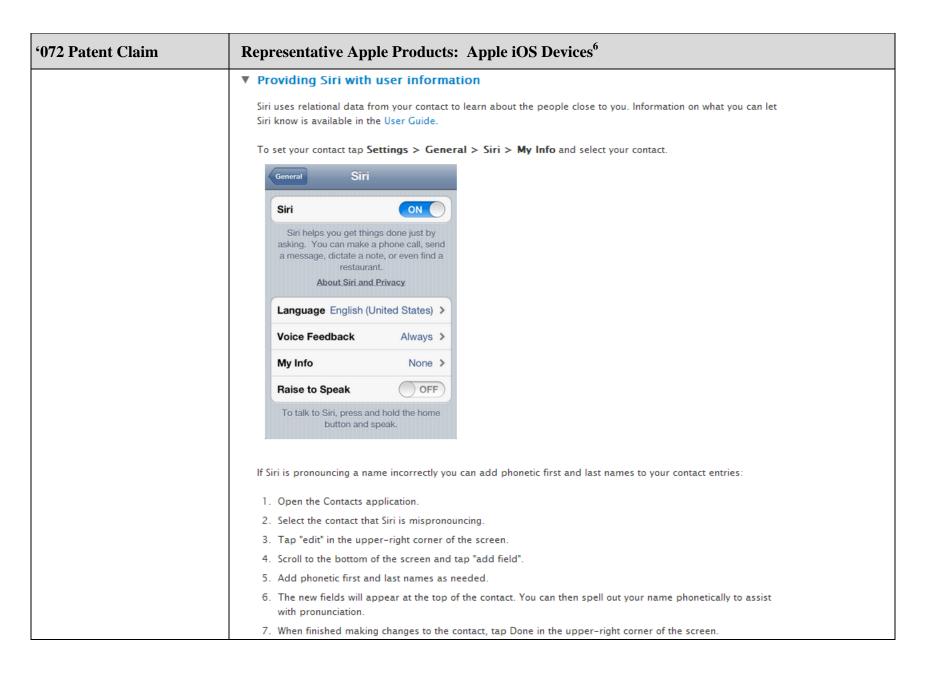
'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	<i>Note:</i> Siri is available on iPhone 4S or later, and requires Internet access. Cellular data charges may apply.
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	with iPad User Guide at 35:
	Siri lets you write and send a message, schedule a meeting, place a FaceTime call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to know what you're talking about.
	and with iPod Touch User Guide at 35:
	Siri lets you write and send a message, schedule a meeting, place a FaceTime call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Upon information and belief, converting spoken instructions to control commands also corresponds to a type of subscriber device, in that certain other control commands may only be used to assist with the control of certain subscriber devices, for example, the spoken instructions "Open Passbook" will be converted to control commands only where the subscriber device is an iPhone or iPod Touch, and not where the subscriber device is an iPad.

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>	
	Compare, e.g., iPhone User Guide at 36, iPod Touch User Guide at 35, with iPad User Guide at 35 (providing examples of spoken instructions that will be converted to control commands on the subscriber devices).	
Claim 14		
14. The server of claim 13	Claim 13 is hereby incorporated by reference.	
wherein the controller converts the spoken instructions to the control commands that correspond to keypad activations at the	Upon information and belief, the controller of the Apple Siri Servers further converts the spoken instructions to the control commands that correspond to keypad activations at the subscriber device.  For example, upon information and belief, spoken instructions are converted to the control commands on the Apple iOS Devices (i.e., subscriber devices) that correspond to keypad activations for at least	
subscriber device.	the following.	
	See, e.g., iPhone User Guide at 36:  There's so much you can say to Siri—here are some more examples, for starters:	
	• Call Joe	
	Set the timer for 30 minutes	
	Directions to the nearest Apple store	
	Is it going to rain tomorrow?	
	Open Passbook	
	Post to Facebook	
	• Tweet	
	See also iPad User Guide at 35:	

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>	
	There's so much you can say to Siri—here are some more examples, for starters:	
	FaceTime Joe	
	Set the timer for 30 minutes	
	Directions to the nearest Apple Store	
	Is it going to rain tomorrow?	
	Post to Facebook	
	• Tweet	
	See also iPod Touch User Guide at 35:	
	There's so much you can say to Siri—here are some more examples, for starters:	
	FaceTime Joe	
	Set the timer for 30 minutes	
	Directions to the nearest Apple Store	
	Is it going to rain tomorrow?	
	Open Passbook	
	Post to Facebook	
	• Tweet	
	Moreover, upon information and belief, spoken instructions are converted to control commands on subscriber devices that correspond to specific key press patterns.	
	See also <a href="http://www.apple.com/ios/siri/">http://www.apple.com/ios/siri/</a> :	

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>			
	iOS takes dictation.  Here's another amazing way to get things done: just use your voice. Instead of typing, tap the microphone icon on the keyboard. Then say what you want to say and Siri listens. Tap Done, and your words are converted to text. Use dictation to write messages, take notes, search the web, and more. Dictation also works with third-party apps, so you can update your Facebook status, tweet, or write and send Instagrams.	Concel Back at school To: Gilbert Solano Cc/Bcc: Subject: Back at school  Sent from my iPhone	Sent from my iPhone  Q W E R T Y U I  A S D F G H J  Z X C V B N I  123 \$ space	Cancel Back at school  To: Gilbert Solano  Cc/Bcc:  Subject: Back at school  Made it back to campus. Here we go again.]  Sent from my iPhone  QWERTYUIOP  ASDFGHJKL  ZXCVBNM  Space return
Claim 15				
15. The server of claim 13 further comprising	Claim 13 is hereby incorporated by	y reference.		
a memory for storing a database associated with the subscriber device, the database including one of	Upon information and belief, the Apple Siri Servers further contain a memory for storing a database associated with the subscriber device, the database including one of unit specific information, a parameter status, and a mirrored database associated with the subscriber device.			
unit specific information, a parameter status, and a mirrored database associated	For instance, upon information and belief, the Apple Siri Server has a memory that stores a database associated with the subscriber device that includes unit specific information such as, e.g., Apple ID, device Unique Device ID (UDID), and/or other identifying information, and may also include			

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
with the subscriber device.	parameter status, and/or a mirrored database associated with the subscriber device (such as contacts and song names).
	See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :
	How does Siri learn who I am?
	If Siri knows who you are, it can use your information to help you. To make sure Siri knows who you are, select your contact information in <b>Settings</b> > <b>General</b> > <b>Siri</b> > <b>My Info</b> .
	Your information is used for questions like "How do I get home?" or "What good restaurants are near work?"
	See also http://support.apple.com/kb/TS4079:



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>	
	See also generally iPhone User Guide, Chap. 4; iPad User Guide, Chap. 4; iPod Touch User Guide, Chap. 4.	
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):	
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.	
16. The server of claim 15:	Claim 15 is hereby incorporated by reference.	
wherein the controller converts the spoken instructions to the control commands	Upon information and belief, the controller at the Apple Siri Server converts the spoken instructions collected by the Siri application on the subscriber device, and the remote agent converts those spoken instructions into control commands.  See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :	
	What is Siri?	
	Siri is the intelligent personal assistant that helps you get things done just by asking. It allows you to use your voice to send messages, schedule meetings, place phone calls, and more. But Siri isn't like traditional voice recognition software that requires you to remember keywords and speak specific commands. Siri understands your natural speech, and it asks you questions if it needs more information to complete a task.	

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	See also id.:
	What happens after I ask Siri a question or ask it to do something?
	When you finish speaking, Siri displays the text of what you said and provides a response. If Siri needs more information to complete a request, it will ask you a question. For example, if you say "Remind me to call my mom," Siri will ask "What time would you like me to remind you?"
	When you use earphones or a headset, Siri reads back text messages and email messages that you've dictated before you send them, and it reads back the subjects of reminders before you create them. This is especially helpful when you're driving and can't see the screen.
	See also https://www.apple.com/ios/siri/:

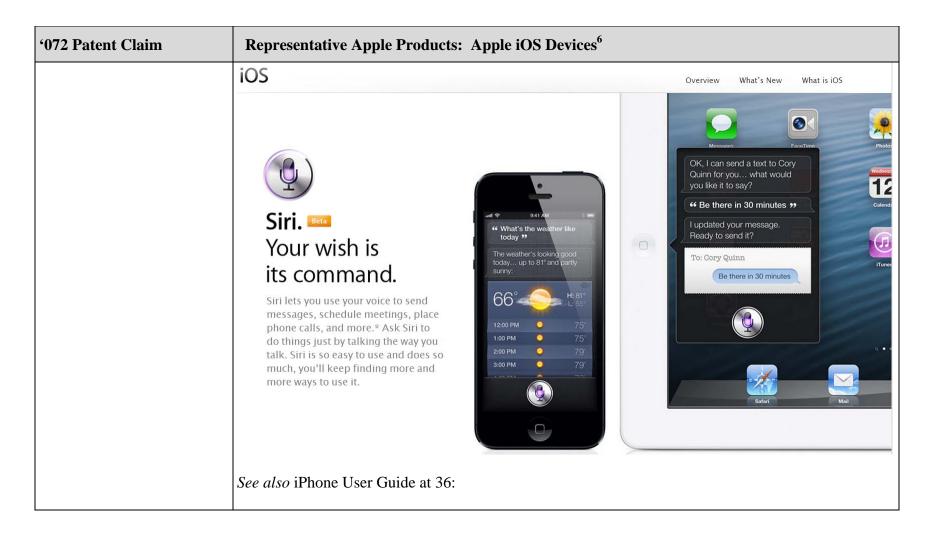


'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Siri works seamlessly with most of the built-in apps on iPhone, and uses Search and Location Services when needed. You can also ask Siri to open an app for you.
	There's so much you can say to Siri—here are some more examples, for starters:
	Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also id. at 37:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>				
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.  When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.				
	"Meet with Jamie for coffee at two today " What Siri heard you say				
	Your meeting with Jamie is scheduled for 2 pm today.  Siri's response				
	Saturday, May 2012  Cancel  Confirm  S M T W T F S S S S S S S S S S S S S S S S S S				
	Tap to speak to Siri.				
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"				
	Cancel a request: Say "cancel," tap ∰, or press the Home button □.				
	See also iPhone User Guide at 42:				

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Network connection  Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
	See also generally iPhone User Guide, Chap. 4 (pp. 36-42).
that, when executed by the communications unit, will effect an action comprising one of; dialing a number, looking up a number in a phone book of the subscriber	Upon information and belief, such control commands, when executed by the communications unit, will effect an action comprising one of; dialing a number, looking up a number in a phone book of the subscriber device, the phone book incorporated into the mirrored database associated with the subscriber device, modifying contents of a memory of the subscriber device, the modifying also performed on the mirrored database associated with the subscriber device, and sending a text message.
device, the phone book incorporated into the mirrored database associated with the subscriber device,	See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :
modifying contents of a	

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>							
memory of the subscriber device, the modifying also performed on the mirrored database associated with the subscriber device, and sending a text message.	What Siri Can Do For You							
	What types of things can I ask Siri about or ask it to do?							
	You can ask Siri to make a call, find a business and get directions, schedule reminders and meetings, search the web, and more. You can even ask Siri "What can you do for me?" or tap the "i" in the right corner of the screen when you bring Siri up. You'll see examples of things Siri can do, along with ways you can ask for things.							
	Which apps does Siri work with?							
	Siri works with almost all your built-in apps. And it's smart enough to figure out which apps to use to provide you with answers. It also uses Search and Location Services to help you with your requests. Here's a list of apps and services that Siri works with worldwide:							
	7	Maps	H	Web Search		Notes		
		Sports	<b>Y</b>	Send a Tweet	1	Contacts		
	***	Movies		App Launch	73	Weather		
	41	Local Search	<b>**</b>	Find My Friends		Stocks		
	f	Post on Facebook	5	Music	W	Wikipedia search		
	0	FaceTime		Messages		Alarms, World Clock and Timer		
	<u> </u>	Phone	12	Calendar	*	Wolfram Alpha		
		Mail		Reminders		(English only)		
	See also	o http://www.apple.co	om/ios/s	<u>siri/</u> :				



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>					
	There's so much you can say to Siri—here are some more examples, for starters:					
	• Call Joe					
	Set the timer for 30 minutes					
	Directions to the nearest Apple store					
	Is it going to rain tomorrow?					
	Open Passbook					
	Post to Facebook					
	• Tweet					
	See also iPad User Guide at 35:					
	There's so much you can say to Siri—here are some more examples, for starters:					
	FaceTime Joe					
	Set the timer for 30 minutes					
	Directions to the nearest Apple Store					
	Is it going to rain tomorrow?					
	Post to Facebook					
	• Tweet					
	See also iPod Touch User Guide at 35:					

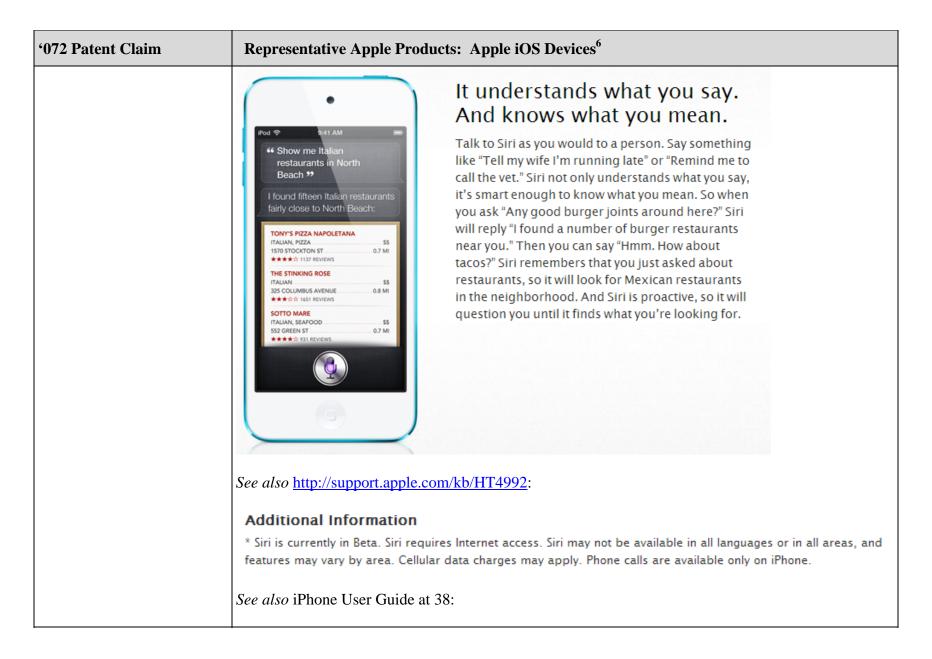
'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>					
	There's so much you can say to Siri—here are some more examples, for starters:					
	FaceTime Joe					
	Set the timer for 30 minutes					
	Directions to the nearest Apple Store					
	Is it going to rain tomorrow?					
	Open Passbook					
	Post to Facebook					
	• Tweet					
Claim 17						
17. The server of claim 12	Claim 12 is hereby incorporated by reference.					
wherein						
the controller controls the	Upon information and belief, the controller of the Apple Siri Server (i.e., the server of claim 12)					
transmitter to further send a	controls the transmitter to further send a confirmation message as confirmation that the receiver					
confirmation message as	received the instruction message. For example, after receiving an instruction message, the Apple Siri					
confirmation that the receiver	Server sends a confirmation message that causes Siri to display what it heard; Siri may also ask for					
received the instruction	clarification.					
message.						
	See, e.g., iPhone User Guide at 37:					

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.
	When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.
	What Siri heard you say  Your meeting with Jamie is scheduled for 2 pm today.  What Siri heard you say  Siri's response
	Seturctay, May 2012  Cancel  Confirm  Cancel  Confirm
	— Tap to speak to Siri.
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"
Claim 23	
23. A computer readable	Upon information and belief, Apple owns, maintains, and uses computer readable media encoded with

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
medium encoded with a software program for assisting with control of a subscriber device, the software program when loaded and executing on a processor of a server resulting in the server performing a method comprising:	a software program for assisting with control of a subscriber device, as set forth by the following elements of the claim. And, upon information and belief, that software program, when loaded and executing on a processor of an Apple Siri Server, results in the server performing a method comprising the following claimed steps, as described more fully below.  See, e.g., Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):  (c) Siri and Dictation. The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
receiving an instruction message from the subscriber device that corresponds to spoken instructions;	Upon information and belief, software program when loaded and executing performs the step of receiving an instruction message from the subscriber device that corresponds to spoken instructions.  See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Using Siri
	How do I ask Siri something?
	To talk to Siri, hold down the Home button and you'll hear two quick beeps and see "What can I help you with?" on the screen. Just begin speaking. The microphone icon lights up to let you know that Siri hears you talking. Once you've started a dialogue with Siri, tap the microphone icon to talk to it again.
	There's more than one way to talk to Siri. Siri works with headphones and Bluetooth headsets. When you're using headphones with a remote and microphone, you can press and hold the center button to talk to Siri. With a Bluetooth headset, press and hold the call button to bring up Siri.
	On iPhone 4S and iPhone 5, simply bring iPhone up to your ear when the screen is on. You'll hear two quick beeps to indicate that Siri is listening to you.
	In a car that supports Eyes Free, you can also start a conversation with Siri just by pressing a button on your steering wheel.
	Siri waits for you to stop talking, but you can also tap the microphone icon to tell Siri you're done talking. This is useful when there's a lot of background noise.
	See also id.:
	Do I have to say things a certain way to get Siri to respond?
	No. You can speak to Siri as you would to a person — in a natural voice with a conversational tone. If you want to know what the weather will be like tomorrow, simply say "What will the weather be like tomorrow?" Or "Does it look like rain tomorrow?" Or even "Will I need an umbrella tomorrow?" No matter how you ask, Siri will tell you the forecast.
	See also <a href="http://www.apple.com/ios/siri/">http://www.apple.com/ios/siri/</a> (demonstrating use of Siri on an iPhone 5 and an iPad):





'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Onscreen guide Siri prompts you with examples of things you can say, right on screen. Ask Siri "what can you do" or tap ② when Siri first appears. Siri displays a list of the apps it supports, with an example request. Tap an item in the list to more examples.
	What can I help you with?  Call Brian Phone  Launch Photos App Launching  Tell Susan I'll be right there Messages  Set up a meeting at 9 Calendar  Did the Giants win? Sports
	Give me directions home  Maps  Tweet with my location  Twitter  Post to Facebook  Facebook  Table for four in Palo Alto  Restaurants
	See also iPhone User Guide at 42:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Network connection  Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
	See also generally iPhone User Guide, Chap. 4 (pp. 36-42).
converting the spoken instructions to control commands;	Upon information and belief, the software program when loaded and executing further performs the step of converting the spoken instructions to control commands.
<del></del>	See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :

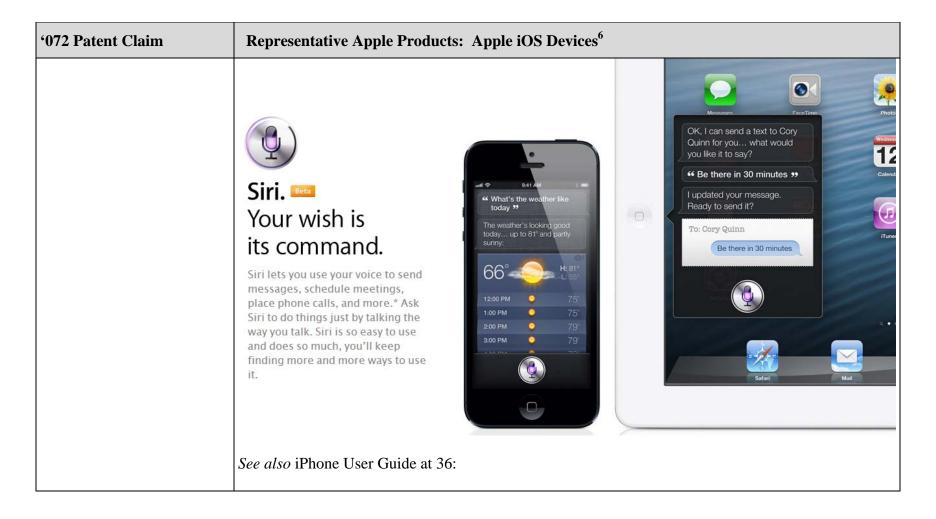
'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	What is Siri?
	Siri is the intelligent personal assistant that helps you get things done just by asking. It allows you to use your voice to send messages, schedule meetings, place phone calls, and more. But Siri isn't like traditional voice recognition software that requires you to remember keywords and speak specific commands. Siri understands your natural speech, and it asks you questions if it needs more information to complete a task.
	See also id.:
	What happens after I ask Siri a question or ask it to do something?
	When you finish speaking, Siri displays the text of what you said and provides a response. If Siri needs more information to complete a request, it will ask you a question. For example, if you say "Remind me to call my mom," Siri will ask "What time would you like me to remind you?"
	When you use earphones or a headset, Siri reads back text messages and email messages that you've dictated before you send them, and it reads back the subjects of reminders before you create them. This is especially helpful when you're driving and can't see the screen.
	See also https://www.apple.com/ios/siri/:



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Siri works seamlessly with most of the built-in apps on iPhone, and uses Search and Location Services when needed. You can also ask Siri to open an app for you.
	There's so much you can say to Siri—here are some more examples, for starters:
	Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also id. at 37:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.
	When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.
	"Meet with Jamie for coffee at two today " What Siri heard you say
	Your meeting with Jamie is scheduled for 2 pm today.  Siri's response
	Saturday, May 2012  Saturday, May 2012  Cancel  Confirm  Saturday, May 2012  Cancel  Confirm  Saturday, May 2012  Cancel  Confirm  Related info—tap to open the app.
	Tap to speak to Siri.
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"
	Cancel a request: Say "cancel," tap ♠, or press the Home button □.
	See also iPhone User Guide at 42:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Network connection  Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.  See also generally iPhone User Guide, Chap. 4 (pp. 36-42).
providing a control message corresponding to the control commands; and	Upon information and belief, the software program when loaded and executing further performs the step of providing a control message corresponding to the control commands.
	See, e.g., https://www.apple.com/ios/siri/:



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Siri works seamlessly with most of the built-in apps on iPhone, and uses Search and Location Services when needed. You can also ask Siri to open an app for you.
	There's so much you can say to Siri—here are some more examples, for starters:
	Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also id. at 37:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.
	When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.
	"Meet with Jamie for coffee at two today " What Siri heard you say
	Your meeting with Jamie is scheduled for 2 pm today.  Siri's response
	Saturday, May 2012  Saturday, May 2012  Cancel  Confirm  Saturday, May 2012  Cancel  Confirm  Saturday, May 2012  Cancel  Confirm  Related info—tap to open the app.
	Tap to speak to Siri.
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"
	Cancel a request: Say "cancel," tap ♠, or press the Home button □.
	See also iPhone User Guide at 42:

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Network connection  Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular connection or a Wi-Fi connection to the Internet.
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.  See also generally iPhone User Guide, Chap. 4 (pp. 36-42).
11 1	
sending the control message from the server to the subscriber device, thereby assisting with the control of	Upon information and belief, the software program when loaded and executing further performs the step of sending the control message from the server to the subscriber device, thereby assisting with the control of the subscriber device.
the subscriber device.	See, e.g., https://www.apple.com/ios/siri/:

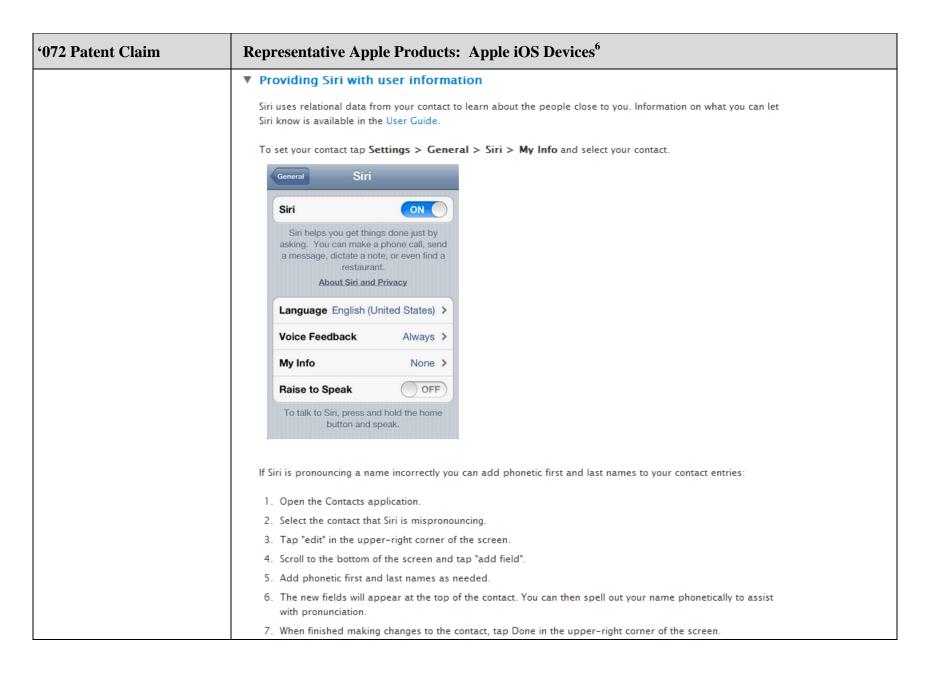


'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Siri works seamlessly with most of the built-in apps on iPhone, and uses Search and Location Services when needed. You can also ask Siri to open an app for you.
	There's so much you can say to Siri—here are some more examples, for starters:
	Call Joe
	Set the timer for 30 minutes
	Directions to the nearest Apple store
	Is it going to rain tomorrow?
	Open Passbook
	Post to Facebook
	• Tweet
	See also id. at 37:

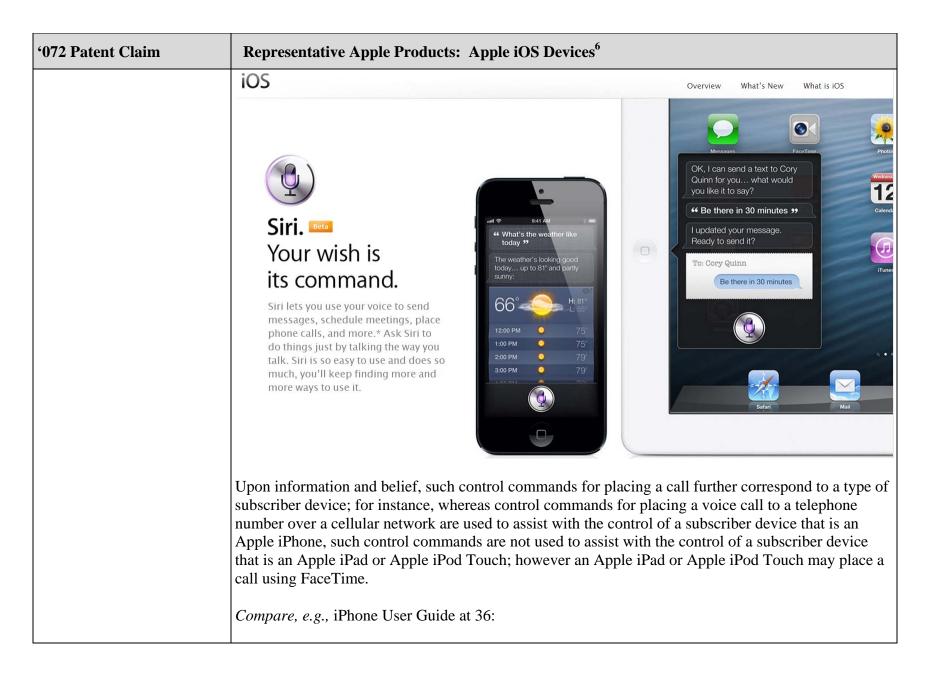
'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Siri waits for you to stop speaking, but you can also tap the microphone icon to tell Siri you're done. This is useful when there's a lot of background noise. It can also speed up your conversation with Siri, since Siri won't have to wait for your pause.
	When you stop speaking, Siri displays what it heard and provides a response. Siri often includes related info that might be useful. If the info is related to an app—for example, a text message you've composed, or a location you asked for—just tap the display to open the app for details and further action.
	"Meet with Jamie for coffee at two today " What Siri heard you say
	Your meeting with Jamie is scheduled for 2 pm today.  Siri's response
	Saturday, May 2012  South of the state of th
	Tap to speak to Siri.
	Siri may ask you for clarification in order to complete a request. For example, tell Siri to "Remind me to call mom," and Siri may ask "What time would you like me to remind you?"
	Cancel a request: Say "cancel," tap ♠, or press the Home button □.
	See also <a href="http://support.apple.com/kb/HT4992">http://support.apple.com/kb/HT4992</a> :

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Additional Information
	* Siri is currently in Beta. Siri requires Internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply. Phone calls are available only on iPhone.
	See also iPhone User Guide at 42:
	Network connection
	Siri might tell you it's having trouble connecting to the network. Because Siri relies on Apple servers for voice recognition and other services, you need to have a good 3G, 4G, or LTE cellular
	connection or a Wi-Fi connection to the Internet.
	See also Apple iPhone Software License Agreement (available at
	http://images.apple.com/legal/sla/docs/ios51.pdf) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
	See generally iPhone User Guide, Chap. 4; iPad User Guide, Chap. 4; iPod Touch User Guide, Chap. 4.
Claim 24	1
24. The computer readable medium encoded with a software program of claim 23:	Claim 23 is hereby incorporated by reference.

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
wherein the receiving the instruction message further includes receiving specific information sufficient to identify the subscriber device; and	Upon information and belief, the software program of Claim 23, when loaded and executing, performs the step of receiving an instruction message from the subscriber device that corresponds to spoken instructions, wherein the receiving the instruction message further includes receiving specific information sufficient to identify the subscriber device.
	For instance, upon information and belief, an instruction message includes information sufficient to identify the subscriber device, including, e.g., Apple ID, device Unique Device ID (UDID), and/or other identifying information.
	See, e.g., <a href="http://www.apple.com/ios/siri/siri-faq/">http://www.apple.com/ios/siri/siri-faq/</a> :
	How does Siri learn who I am?
	If Siri knows who you are, it can use your information to help you. To make sure Siri knows who you are, select your contact information in <b>Settings</b> > <b>General</b> > <b>Siri</b> > <b>My Info</b> .
	Your information is used for questions like "How do I get home?" or "What good restaurants are near work?"
	See also http://support.apple.com/kb/TS4079:



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	See also generally iPhone User Guide, Chap. 4; iPad User Guide, Chap. 4; iPod Touch User Guide, Chap. 4.
	See also Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.
wherein the converting the spoken instructions includes converting the spoken instructions to the control commands that correspond to	Upon information and belief, the software program of Claim 23, when loaded and executing, performs the step of converting the spoken instructions, and such converting includes converting the spoken instructions to the control commands that correspond to a type of subscriber device.  For example, upon information and belief, converting the spoken instructions includes converting the
a type of subscriber device.	spoken instructions to control commands for placing a phone call.  See, e.g., <a href="http://www.apple.com/ios/siri/">http://www.apple.com/ios/siri/</a> :



'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	<i>Note:</i> Siri is available on iPhone 4S or later, and requires Internet access. Cellular data charges may apply.
	Siri lets you write and send a message, schedule a meeting, place a phone call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	with iPad User Guide at 35:
	Siri lets you write and send a message, schedule a meeting, place a FaceTime call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to know what you're talking about.
	and with iPod Touch User Guide at 35:
	Siri lets you write and send a message, schedule a meeting, place a FaceTime call, get directions, set a reminder, search the web, and much more—simply by talking naturally. Siri asks a question if it needs clarification or more information. Siri also uses information from your contacts, music library, calendars, reminders, and so forth to understand what you're talking about.
	Upon information and belief, converting spoken instructions to control commands also corresponds to a type of subscriber device, in that certain other control commands may only be used to assist with the control of certain subscriber devices, for example, the spoken instructions "Open Passbook" will be converted to control commands only where the subscriber device is an iPhone or iPod Touch, and not where the subscriber device is an iPad.

'072 Patent Claim	Representative Apple Products: Apple iOS Devices <sup>6</sup>
	Compare, e.g., iPhone User Guide at 36, iPod Touch User Guide at 35, with iPad User Guide at 35 (providing examples of spoken instructions that will be converted to control commands on the subscriber devices).
Claim 25	
25. The computer readable medium encoded with a software program of claim 24, the method further comprising	Claim 24 is hereby incorporated by reference.
maintaining a database associated with the subscriber device, the database including one of a parameter status and a mirrored database associated with the subscriber device.	Upon information and belief, the software program of claim 24 further comprises the step of maintaining a database associated with the subscriber device, the database including one of a parameter status and a mirrored database associated with the subscriber device.  For example, Apple's servers stores various User Data information including a mirrored database of address book contacts and song names, as well as other communication unit (i.e., subscriber device) specific information.
	See, e.g., Apple iPhone Software License Agreement (available at <a href="http://images.apple.com/legal/sla/docs/ios51.pdf">http://images.apple.com/legal/sla/docs/ios51.pdf</a> ) at 2 (highlighting added):
	(c) <u>Siri and Dictation</u> . The Siri and Dictation features of the iOS Software may not be available in all languages or regions and features may vary by region. To the extent that your iOS Device supports all or some of Siri and/or Dictation, these features may allow you to make requests, give commands and/or dictate text to your device using your voice. When you use Siri or Dictation, the things you say will be recorded and sent to Apple in order to convert what you say into text and, for Siri, to also process your requests. Your device will also send Apple other information, such as your first name and nickname; the names, nicknames, and relationship with you (e.g., "my dad") of your address book contacts; and song names in your collection (collectively, your "User Data"). All of this data is used to help Siri and Dictation understand you better and recognize what you say. It is not linked to other data that Apple may have from your use of other Apple services. By using Siri or Dictation, you agree and consent to Apple's and its subsidiaries' and agents' transmission, collection, maintenance, processing, and use of this information, including your voice input and User Data, to provide and improve Siri, Dictation, and other Apple products and services.