Doc. 366 Att. 2

UNITED STATES PATENT NO. 5,754,119

PRELIMINARY INFRINGEMENT CONTENTIONS¹

Accused Apple Products:

Apple iPhone 3G, Apple iPhone 3GS, Apple iPhone 4, Apple iPhone 4S, Apple iPhone 5², Apple iPad, Apple iPad + 3G, Apple iPad 2, Apple iPad 2 + 3G, 3rd Generation Apple iPad, 3rd Generation Apple iPad + 4G, 4th Generation Apple iPad³, 4th Generation Apple iPad [with cellular], Apple iPad mini and iPad mini [with cellular], 3rd Generation Apple iPod Touch, 4th Generation Apple iPod Touch, 5th Generation Apple iPod Touch⁵, MobileMe, and iCloud.

Apple directly infringes the '119 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 '119 patent through its development, testing, use, distribution and sale of its products and services, Apple also indirectly infringes the '119 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 infringement through its promotion and provision of marketing,

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

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

³ The terms "4th Generation Apple iPad" and "4th 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.

⁴ 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.

⁵ The term "5th 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.

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 '119 patent and did so with specific intent to encourage direct infringement, at least as of 2007, when Apple and Motorola participated in talks regarding the licensing of Motorola's patent portfolio. On information and belief, in connection with those negotiations, Apple has reviewed said portfolio, including Motorola's '119 Patent. Moreover, Apple has known of the '119 patent since at least October 6, 2012, when Motorola filed its Complaint, attaching the '119 patent as an exhibit. Despite knowing of the '119 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.

'119 Patent Claim	Representative Apple Product: Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
1. A method of synchronizing message information among a plurality of transceivers comprising the steps of:	Upon information and belief, the Accused Apple Products perform each and every step of this claim in the course of normal use. Additionally, a user of an Accused Apple Product performs each and every step of this claim in the course of such use. Furthermore, Apple has performed each and every step of this claim. Apple's MobileMe / iCloud service with an Apple iOS Device practices a method of synchronizing message information among a plurality of transceivers:

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This chart provides Motorola's infringement analysis for the MobileMe and/or iCloud service communicating with the Accused Apple Products. In this claim chart, "Apple iOS Device" refers to the Apple iPhone 3G, Apple iPhone 3GS, Apple iPhone 4, Apple iPhone 4S, Apple iPhone 5, Apple iPad, Apple iPad + 3G, Apple iPad 2, Apple iPad 2 with 3G, 3rd Generation Apple iPad, 3rd Generation Apple iPad + 4G, 4th Generation Apple iPad [with cellular], Apple iPad mini [with cellular], 3rd Generation Apple iPod Touch, 4th Generation Apple iPod Touch, and 5th Generation Apple iPod Touch. Upon information and belief, the analysis set forth in this chart for "Apple iOS Device" applies equally to each such device. Because, upon information and belief, the analysis set forth in this chart applies equally to both MobileMe and iCloud, they are referred to together herein as "MobileMe / iCloud."

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	Mail, Contacts, a Calendar	and Tuesday 9
	MobileMe keeps your mail, contacts, calendar information in the cloud ar push technology to keep everything across your iPhone, iPad, Mac, PC, a automatically. So no matter where y what device you use, all your inform up to date — no docking required.	in sync in sync and the web ou go or
	Push emocontacts, calendar Watch the C	push
	APPLE-0006037953_127187.	le.com/mobileme/features/), accessed on May 13, 2011, MOTO- ne 0S 3.1 Software, at MOTO-APPLE-0006037953_126971:

'119 Patent Claim	Representative Apple Product: Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶	
	Setting Up Accounts MobileMe and Microsoft Exchange provide not only email, but contact and calendar information that can be synced to iPhone automatically, over the air. MobileMe can also sync your bookmarks on iPhone with Safari on a Mac, or with Safari or Microsoft Internet Explorer on a PC. You set up MobileMe, Exchange, and other email accounts directly on iPhone. See also MobileMe Help: How MobileMe synching works, (http://docs.info.apple.com/article.html?path=MobileMe/Help/en/mm5b08c671.html), accessed on May 17, 2011, MOTO-APPLE-0006037953_127252-53: How MobileMe syncing works MobileMe stores your synced information in a folder (called SyncServices) on your iDisk. Every time a computer or device is synced with MobileMe, MobileMe compares the information on your computer or device with the information stored on your iDisk and makes sure that both locations have the most accurate and up-to-date information. Sometimes MobileMe asks you to resolve conflicts, such as when you update a contact's phone number on your iPhone, and it differs from the contact's number stored on your iDisk.	
	If, for example, you have two computers with Mac OS X v10.6, a Windows computer, and an iPhone, and you sync every type of data you can on all of them, information you change on one Mac is updated on the other Mac. Contacts, calendars, and bookmarks are updated on your Windows computer and your iPhone, and contacts and calendars are updated at me.com. If you add a contact to your iPhone, the contact is added to all your computers and to your Contacts application at me.com. And any change you make at me.com appears on all computers and devices you sync with MobileMe.	
	See also MobileMe on you iPhone or iPod touch, (http://www.apple.com/mobileme/features/iphone.html), accessed on May 16, 2011, MOTO-APPLE-0006037953_126654:	

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	Always up to date.	
	As soon as your email account receives a	
	new	message, MobileMe pushes it over the
	air t	o your iPhone or iPod touch. You're
	noti	fied as soon as it arrives, so you don't
	have	e to waste time checking. Because your
	iPho	one and iPod touch send and receive
	upd	ates over the air, contacts you add and
	changes you make to your calendar on	
	iPhone or iPod touch are updated on the	
	web at me.com automatically, then synced	
	to ye	our Mac and PC. MobileMe even syncs
	you	r Safari and Internet Explorer
	boo	kmarks. And it all happens without the
	need	d to dock or connect a cable. That
	mea	ıns wherever you go, your email,
	contacts, and calendar are always up to	
	date	
	See also What is IMAP and Why Do We Use It,	
	(http://www.apple.com/mobileme/news/2008/11/what-is-imap-and-why-do-we-use-it.html), accessed	
	on May 5, 2011, MOTO-APPLE-00	06037953_126657:

'119 Patent Claim	Representative Apple Product: Apple Mobilel iOS Device ⁶	Me / iCloud communicating with an Apple
	November 5, 2008 What Is IMAP and Why Do W	e Use It?
	There aren't many industry acronyms it he but IMAP is one of them. The words the le Internet Message Access Protocol, don't exto leap, but the protocol itself defines a plot to anyone who handles their mail from location. The promise boils down to this: your inbox and other folders, no matter followed by the exactly as you last left them, no matter that's why we use it for MobileMe email accepts.	etters stand for, xactly cause the heart romise that matters a more than one whenever you go to rom where, things will r from where. And
	and work with it locally from a variety of p the master copy be kept on the server and new log-in produces the inbox and folder standard messaging protocol, POP, the loc mail it is generally removed from the serve you access your messages from more than	cal copy is primary, and when you access your er after being copied down to your local inbox. If n one place, life can get confusing—a message already been downloaded to a different computer
	don't have to think about it. It's got the po	e way you'd expect from the way they look, so you ossibility of "mobile" built into its core. If you iPod touch with your MobileMe IMAP account yet,
	See also, iCloud - Calendar, Mail, and Contacts, http://http.contacts.html , accessed on October 27, 2011:	c://www.apple.com/icloud/features/calendar-mail-

'119 Patent Claim	Representative Apple Product: Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶	
	Mail	
	Mail that delivers. Free.	
	When you set up iCloud, you get a free me.com email account. iCloud automatically pushes new email messages to all your devices, so your inbox is up to date everywhere you check it. And iCloud keeps all your folders in sync, no matter which device you're using.	
	See also, Apple devices with iOS 6 – iPhone User Guide For iOS 6 Software, p. 15 (http://manuals.info.apple.com/en/iphone user guide.pdf), accessed on 11/06/2012, MOTO-SDFL-0000016147:	
	iCloud iCloud stores your content, including music, photos, contacts, calendars, and supported documents. Content stored in iCloud is pushed wirelessly to your other iOS devices and computers set up with the same iCloud account.	
	 Mail, Contacts, Calendars—Keep your mail contacts, calendars, notes, and reminders up to date across all your devices. 	
	In addition, through its design of the Accused Apple Products, Apple also induced users of the Accused Apple Products to infringe the '119 patent. Apple and Motorola have been in talks since 2007 regarding the licensing of Motorola's patent portfolio, and, on information and belief, in accordance with those negotiations, Apple has reviewed said portfolio, including Motorola's '119 Patent. Thus, at least as early as 2007, Apple knew or should have known its actions would induce actual infringement and possessed specific intent to encourage its customers' direct infringement through the design of the Accused Apple products. In addition, Apple instructs the users of the Accused Apple Products to use them in an infringing manner, including but not limited to by	

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶	
		ertisements, promotional materials, labels, and user manuals. <i>See</i> w.apple.com/mobileme/features/), accessed on May 13, 2011, 27.	
	Mail, Contacts, Calendar	Mail, Contacts, and Calendar	
	MobileMe keeps your mail, contacts, and calendar information in the cloud and uses push technology to keep everything in sync across your iPhone, iPad, Mac, PC, and the web automatically. So no matter where you go or what device you use, all your information is up to date — no docking required.		
	contact calenda	D. P. M. C. D. G. D. C.	
	See also, e.g. MobileMe Help: How (http://docs.info.apple.com/article.h May 17, 2011, MOTO-APPLE-0000	ml?path=MobileMe/Help/en/mm5b08c671.html), accessed on	

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶	
	How MobileMe syncing works	How MobileMe syncing works	
	MobileMe stores your synced information in a folder (called SyncServices) on your iDisk. Every time a computer or device is synced with MobileMe, MobileMe compares the information on your computer or device with the information stored on your iDisk and makes sure that both locations have the most accurate and up-to-date information. Sometimes MobileMe asks you to resolve conflicts, such as when you update a contact's phone number on your iPhone, and it differs from the contact's number stored on your iDisk.		
	If, for example, you have two computers with Mac OS X v10.6, a Windows computer, and an iPhone, and you sync every type of data you can on all of them, information you change on one Mac is updated on the other Mac. Contacts, calendars, and bookmarks are updated on your Windows computer and your iPhone, and contacts and calendars are updated at me.com. If you add a contact to your iPhone, the contact is added to all your computers and to your Contacts application at me.com. And any change you make at me.com appears on all computers and devices you sync with MobileMe.		
	<u>See also</u> , iCloud - Calendar, Mail, and Contacts, http://www.apple.com/icloud/features/calendar-mail-contacts.html , accessed on October 27, 2011:		
	Mail		
	Mail that delivers. Free.		
	new email messages to all your	t a free me.com email account. iCloud automatically pushes devices, so your inbox is up to date everywhere you check it. rs in sync, no matter which device you're using.	
	= =	- iPhone User Guide For iOS 6 Software, p. 15 hone user guide.pdf), accessed on 11/06/2012, MOTO-SDFL-	

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	documents. Content stored in iClocomputers set up with the same iC • Mail, Contacts, Calendars—Keep y across all your devices. Moreover, Apple also contributes to indicated above, at least as early as 2 Apple Products would contribute to Accused Apple Products contain a sp substantial non-infringing use, that c that this combination, for which the infringing. Moreover, Accused Apple an infringing device. Apple further of Apple Products, including but not lir advertisements, promotional materia (http://www.apple.com/mobileme/fe	ng music, photos, contacts, calendars, and supported ud is pushed wirelessly to your other iOS devices and
	0006037953_127187.	

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	Mail, Contacts, Calendar	and
	MobileMe keeps your mail, contact calendar information in the cloud push technology to keep everythin across your iPhone, iPad, Mac, PC, automatically. So no matter where what device you use, all your infor up to date — no docking required.	and uses g in sync and the web you go or mation is
	contact calenda	mail, push s, push ar.
	See also, e.g. MobileMe Help: How (http://docs.info.apple.com/article.h May 17, 2011, MOTO-APPLE-0006	tml?path=MobileMe/Help/en/mm5b08c671.html), accessed on

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶		
	How MobileMe syncing works	How MobileMe syncing works		
	synced with MobileMe, MobileMe compares iDisk and makes sure that both locations h	MobileMe stores your synced information in a folder (called SyncServices) on your iDisk. Every time a computer or device is synced with MobileMe, MobileMe compares the information on your computer or device with the information stored on your iDisk and makes sure that both locations have the most accurate and up-to-date information. Sometimes MobileMe asks you to resolve conflicts, such as when you update a contact's phone number on your iPhone, and it differs from the contact's number stored on your iDisk.		
	If, for example, you have two computers with Mac OS X v10.6, a Windows computer, and an iPhone, and you sync every type of data you can on all of them, information you change on one Mac is updated on the other Mac. Contacts, calendars, and bookmarks are updated on your Windows computer and your iPhone, and contacts and calendars are updated at me.com. If you add a contact to your iPhone, the contact is added to all your computers and to your Contacts application at me.com. And any change you make at me.com appears on all computers and devices you sync with MobileMe.			
	<u>See also</u> , iCloud - Calendar, Mail, and Contacts, http://www.apple.com/icloud/features/calendar-mail-contacts.html , accessed on October 27, 2011:			
	Mail			
	Mail that delivers. Free.			
	new email messages to all your	t a free me.com email account. iCloud automatically pushes devices, so your inbox is up to date everywhere you check it. rs in sync, no matter which device you're using.		
		- iPhone User Guide For iOS 6 Software, p. 15 whone user guide.pdf), accessed on 11/06/2012, MOTO-SDFL-		

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
transmitting by a wireless messaging infrastructure a first message having a first status;	 documents. Content stored in iCloucomputers set up with the same iC Mail, Contacts, Calendars—Keep y across all your devices. Upon information and belief, Mobile message having a first status. For exhas a status of the email being "Unreevent, or contact information. iPhone User Guide for iOS 4.2 and 4.2. 	ng music, photos, contacts, calendars, and supported ud is pushed wirelessly to your other iOS devices and
	messages, and shows the number of blue dot next to them If you or entry in the mailbox. Message threa	unread messages at the top of the screen. Unread messages have a ganize messages by thread, related messages appear as a single ds have a number next to the right arrow, showing the number of ndicates that one or more messages in the thread are unread."

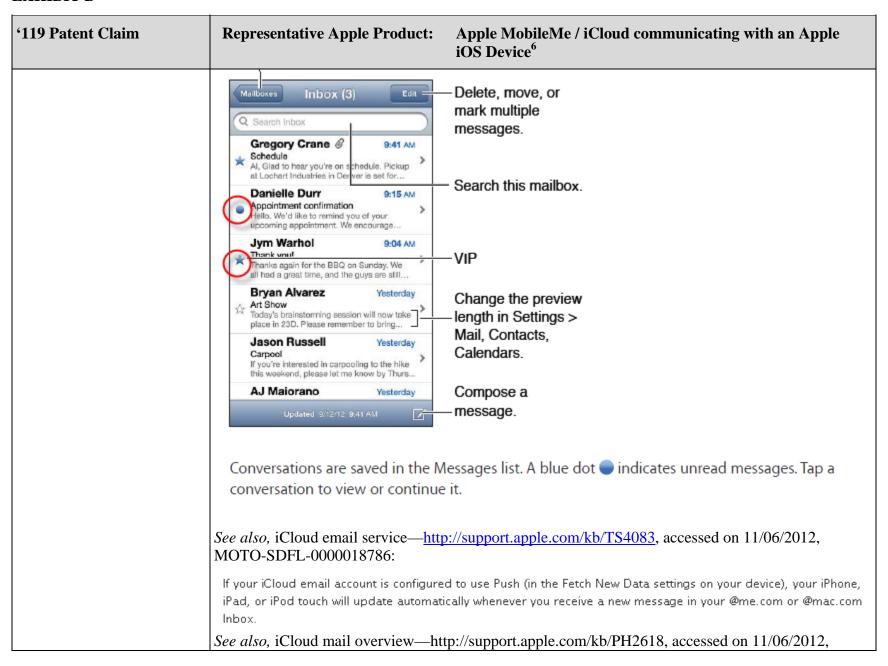


'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶	
	When you account the pushed to automatic arrive. Mo so you do you'll noticallooks a locause in and all young mo matter MobileMe and virus	Push email When you join MobileMe, you get a me.com email account that's always up to date. New messages are pushed to your iPhone, iPad, or iPod touch automatically, and you're notified the instant they arrive. MobileMe constantly checks for new messages, so you don't have to. And when you use MobileMe, you'll notice that the inbox on your iPhone or iPad looks a lot like the inbox on your Mac at home, which also looks a lot like the inbox on your PC at work. That's because it is. Read messages are marked as read, and all your folders are exactly the way you left them, no matter what device you use. Last but not least, your MobileMe inbox is entirely ad free and includes spam and virus protection. The MobileMe Mail Beta offers even more great email features. Learn more >	
	See also, iCloud email service— http://support.apple.com/kb/TS4083 , accessed on 11/06/2012, MOTO-SDFL-0000018786: If your iCloud email account is configured to use Push (in the Fetch New Data settings on your device), your iPhone, iPad, or iPod touch will update automatically whenever you receive a new message in your @me.com or @mac.com Inbox. See also, Apple devices with iOS 6 – iPhone User Guide For iOS 6 Software, pp. 51, 65 (http://manuals.info.apple.com/en/iphone_user_guide.pdf), accessed on 11/06/2012, MOTO-SDFL-		

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	O000016183, 16197 (circles added): Mailboxes Inbox (3)	- Delete, move, or mark multiple messages. - Search this mailbox. - VIP Change the preview - length in Settings > Mail, Contacts, Calendars. Compose a - message. lessages list. A blue dot ● indicates unread messages. Tap a
in one transceiver of the plurality of transceivers, changing the first status of the first message to a secon status responsive to an input	transceivers), the first status of the f to the one transceiver, and a second d message could be an email, calendar	Apple iOS Device, (one transceiver of the plurality of irst message is changed to a second status responsive to an input message is transmitted indicative of the second status. The first rappointment, or a contact.

'119 Patent Claim	Representative Apple Product: Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
to the one transceiver, and transmitting a second message indicative of the second status;	For example, in an Apple iOS Device, if the first message was an email, the status of the email changes from "Unread" (the first status) to "Read" in response to the user selecting the email in the Mail of iOS (an input to the one transceiver), and a second message is transmitted indicative of the email's status of "Unread" (the second status). Additionally, in an Apple iOS Device (one transceiver of the plurality of transceivers), the status of the email changes from "Unread" (the first status) to "Deleted" in response to the user deleting the email in the Mail of iOS (an input to the one transceiver), and a second message is transmitted indicative of the email's status of "Deleted" (the second status):
	Push email
	When you join MobileMe, you get a me.com email account that's always up to date. New messages are pushed to your iPhone, iPad, or iPod touch automatically, and you're notified the instant they arrive. MobileMe constantly checks for new messages, so you don't have to. And when you use MobileMe, you'll notice that the inbox on your iPhone or iPad looks a lot like the inbox on your Mac at home, which also looks a lot like the inbox on your PC at work. That's because it is. Read messages are marked as read, and all your folders are exactly the way you left them, no matter what device you use. Last but not least, your MobileMe inbox is entirely ad free and includes spam and virus protection.
	The MobileMe Mail Beta offers even more great email features. Learn more

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	on May 5, 2011, MOTO-APPLE-000	ws/2008/11/what-is-imap-and-why-do-we-use-it.html), accessed
	but IMAP is one of the Internet Message Acce to leap, but the protoc lot to anyone who han location. The promise your inbox and other f be exactly as you last t	ustry acronyms it helps to know about, m. The words the letters stand for, ss Protocol, don't exactly cause the heart ol itself defines a promise that matters a dles their mail from more than one boils down to this: whenever you go to folders, no matter from where, things will left them, no matter from where. And r MobileMe email accounts.
	and work with it locally the master copy be key new log-in produces the standard messaging po mail it is generally rem you access your messa you want to read on the	t's on the cloud (server) in charge. It lets you access your account y from a variety of places via different applications. But it insists that pt on the server and that all changes be recorded there, so that each he inbox and folder contents you expect to see. In the other rotocol, POP, the local copy is primary, and when you access your loved from the server after being copied down to your local inbox. If ages from more than one place, life can get confusing—a message he road might have already been downloaded to a different computer make at work won't be reflected back at home.
	don't have to think abo	things just work the way you'd expect from the way they look, so you but it. It's got the possibility of "mobile" built into its core. If you mputer, iPhone, or iPod touch with your MobileMe IMAP account yet, ctions.
	<u> </u>	iPhone User Guide For iOS 6 Software, pp. 51, 65 none user guide.pdf), accessed on 11/06/2012, MOTO-SDFL-



'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
		d to your iPhone, iPad, and iPod touch. You're immediately notified when new nessages. And iCloud keeps your inbox and mail folders up to date across
in the wireless messaging infrastructure, receiving the second message, and responsive to receiving the	· · · · · · · · · · · · · · · · · · ·	eMe's / iCloud's wireless messaging infrastructure receives the ne second message, transmits a third message indicative of the
second message, transmitting a third message indicative of the second status; and	infrastructure) receives the second m IMAP server transmits a third messa second status). Indeed, but for the re	e was an email, MobileMe's IMAP server (the wireless messaging lessage. In response to the receipt of the second message, the ge indicative of the email's status of "Unread" or "Deleted" (the eccipt of the second message, the third message would not have an slides for '119 patent at 45-49; Markman Transcript 443:20-

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	Push email	
	When you join MobileMe, you get a m	e.com email
	account that's always up to date. New	messages are
	pushed to your iPhone, iPad, or iPod t	
	automatically, and you're notified the	
	arrive. MobileMe constantly checks for	
	so you don't have to. And when you u	·
	you'll notice that the inbox on your iPt a lot like the inbox on your Mac at ho	
	looks a lot like the inbox on your Mac at not	
	because it is. Read messages are ma	
	and all your folders are exactly the w	
	no matter what device you use. Last b	
	MobileMe inbox is entirely ad free and includes spam	
	and virus protection.	
	The MobileMe Mail Beta offers even m	nore great email
	features. Learn more	
	See MobileMe Features, (http://www.MOTO-APPLE-0006037953_12718	v.apple.com/mobileme/features/), accessed on May 13, 2011, 88.
	See also MobileMe on your iPhone on (http://www.apple.com/mobileme/fe 0006037953_126654:	or iPod touch, eatures/iphone.html), accessed on May 16, 2011, MOTO-APPLE-

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	Alw	ays up to date.
	As s	oon as your email account receives a
	new	message, MobileMe pushes it over the
	air t	o your iPhone or iPod touch. You're
	noti	fied as soon as it arrives, so you don't
	hav	e to waste time checking. Because your
	iPho	one and iPod touch send and receive
	upd	ates over the air, contacts you add and
	cha	nges you make to your calendar on
	iPho	ne or iPod touch are updated on the
	web	at me.com automatically, then synced
	to y	our Mac and PC. MobileMe even syncs
	you	r Safari and Internet Explorer
	boo	kmarks. And it all happens without the
	nee	d to dock or connect a cable. That
	mea	ıns wherever you go, your email,
	contacts, and calendar are always up to date. See also iPhone User Guide for iPhone 0S 3.1 Software, at MOTO-APPLE-0006037953_12697	
	information that car also sync your book	unts osoft Exchange provide not only email, but contact and calendar to be synced to iPhone automatically, over the air. MobileMe can marks on iPhone with Safari on a Mac, or with Safari or Microsoft a PC. You set up MobileMe, Exchange, and other email accounts
	See also MobileMe Features, (http://MOTO-APPLE-0006037953_12718	/www.apple.com/mobileme/features/), accessed on May 13, 2011, 37:

'119 Patent Claim	Representative Apple Product: Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	Mail, Contacts, and Calendar
	MobileMe keeps your mail, contacts, and calendar information in the cloud and uses push technology to keep everything in sync across your iPhone, iPad, Mac, PC, and the web automatically. So no matter where you go or what device you use, all your information is up to date — no docking required.
	Push email, push contacts, push calendar. Watch the QuickTour
	See also What is IMAP and Why Do We Use It, (http://www.apple.com/mobileme/news/2008/11/what-is-imap-and-why-do-we-use-it.html), accessed on May 5, 2011, MOTO-APPLE-0006037953_126657:

'119 Patent Claim	Representative Apple	roduct: Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	November 5, 2008 What	s IMAP and Why Do We Use It?
	but IMA Interne to leap, lot to a location your in be exac	n't many industry acronyms it helps to know about, is one of them. The words the letters stand for, lessage Access Protocol, don't exactly cause the heart at the protocol itself defines a promise that matters a one who handles their mail from more than one The promise boils down to this: whenever you go to a and other folders, no matter from where, things will as you last left them, no matter from where. And we use it for MobileMe email accounts.
	and wo the ma new log standar mail it you acc you wa	col puts what's on the cloud (server) in charge. It lets you access your account with it locally from a variety of places via different applications. But it insists that it copy be kept on the server and that all changes be recorded there, so that each in produces the inbox and folder contents you expect to see. In the other messaging protocol, POP, the local copy is primary, and when you access your generally removed from the server after being copied down to your local inbox. If it is your messages from more than one place, life can get confusing—a message to read on the road might have already been downloaded to a different computer change you make at work won't be reflected back at home.
	don't h haven't	MAP account things just work the way you'd expect from the way they look, so you to think about it. It's got the possibility of "mobile" built into its core. If you t up your computer, iPhone, or iPod touch with your MobileMe IMAP account yet, these instructions.
	See also, iCloud - Calendon contacts.html, accessed of	r, Mail, and Contacts, http://www.apple.com/icloud/features/calendar-mail-October 27 , 2011:

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	Mail	
	Mail that delivers. Free.	
	new email messages to all your d	a free me.com email account. iCloud automatically pushes evices, so your inbox is up to date everywhere you check it. s in sync, no matter which device you're using.
	See also, iCloud email service—http MOTO-SDFL-0000018786:	:://support.apple.com/kb/TS4083, accessed on 11/06/2012,
		d to use Push (in the Fetch New Data settings on your device), your iPhone, cally whenever you receive a new message in your @me.com or @mac.com
	See also, iCloud mail overview—htt	p://support.apple.com/kb/PH2618, accessed on 11/06/2012,
		d to your iPhone, iPad, and iPod touch. You're immediately notified when new nessages. And iCloud keeps your inbox and mail folders up to date across
in at least one other transceiver of the plurality of transceivers, receiving the third message, and	_ -	t one other Apple iOS Device receives the third message, and ssage, changes the first status of the first message to the second
responsive to receiving the third message, changing the first status of the first message to the second status.	For example, where the first message "Unread" to "Read" or "Deleted" (the	e was an email, the first status of the email changes from e second status):

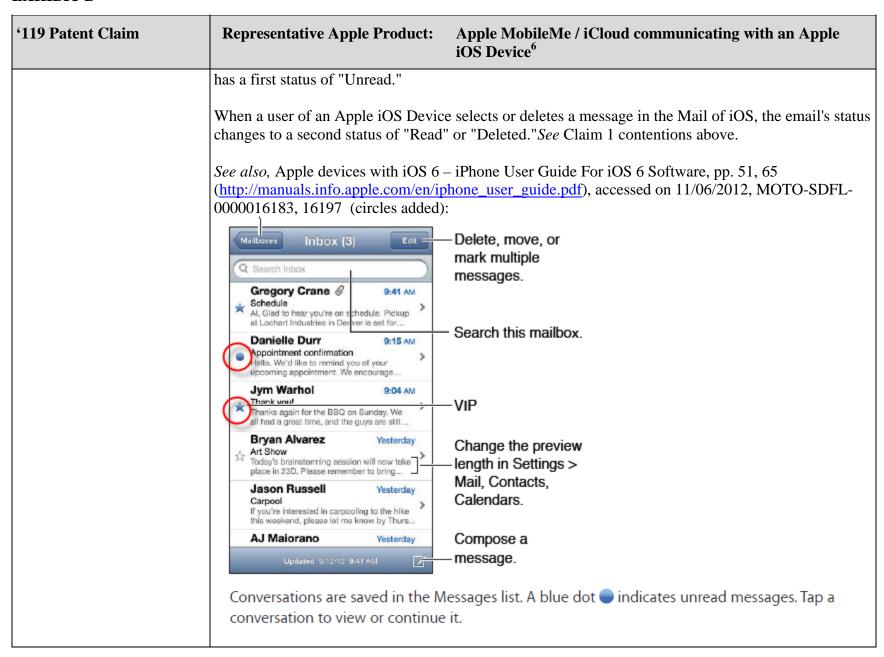
'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	account the pushed to automatical arrive. Mo so you do you'll notice a lot like to looks a lot because it and all you no matter MobileMe and virus The Mobil features. I See MobileMe Features, (http://www.MOTO-APPLE-0006037953_12718) See also MobileMe on you iPhone of	join MobileMe, you get a me.com email pat's always up to date. New messages are your iPhone, iPad, or iPod touch ally, and you're notified the instant they bileMe constantly checks for new messages, n't have to. And when you use MobileMe, te that the inbox on your iPhone or iPad looks he inbox on your Mac at home, which also tike the inbox on your PC at work. That's tis. Read messages are marked as read, fur folders are exactly the way you left them, what device you use. Last but not least, your inbox is entirely ad free and includes spam protection. eMe Mail Beta offers even more great email Learn more w.apple.com/mobileme/features/), accessed on May 13, 2011, 88.

'119 Patent Claim	Representative Apple Product: Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶	
	Always up to date.	
	As soon as your email account receives a	
	new message, MobileMe pushes it over the	
	air to your iPhone or iPod touch. You're	
	notified as soon as it arrives, so you don't	
	have to waste time checking. Because your	
	iPhone and iPod touch send and receive	
	updates over the air, contacts you add and	
	changes you make to your calendar on	
	iPhone or iPod touch are updated on the	
	web at me.com automatically, then synced	
	to your Mac and PC. MobileMe even syncs	
	your Safari and Internet Explorer	
	bookmarks. And it all happens without the	
	need to dock or connect a cable. That	
	means wherever you go, your email,	
	contacts, and calendar are always up to	
	date.	
	See also MobileMe Help: How MobileMe synching works, (http://docs.info.apple.com/article.html?path=MobileMe/Help/en/mm5b08c671.html), accessed on May 17, 2011, MOTO-APPLE-0006037953_127252-53:	
	How MobileMe syncing works	
	MobileMe stores your synced information in a folder (called SyncServices) on your iDisk. Every time a computer or device is synced with MobileMe, MobileMe compares the information on your computer or device with the information stored on your iDisk and makes sure that both locations have the most accurate and up-to-date information. Sometimes MobileMe asks you to resolve conflicts, such as when you update a contact's phone number on your iPhone, and it differs from the contact's number stored on your iDisk.	

'119 Patent Claim	Representative Apple Product: Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	If, for example, you have two computers with Mac OS X v10.6, a Windows computer, and an iPhone, and you sync every type of data you can on all of them, information you change on one Mac is updated on the other Mac. Contacts, calendars, and bookmarks are updated on your Windows computer and your iPhone, and contacts and calendars are updated at me.com. It you add a contact to your iPhone, the contact is added to all your computers and to your Contacts application at me.com. And any change you make at me.com appears on all computers and devices you sync with MobileMe.
	See also Exhibit MobileMe Features, (http://www.apple.com/mobileme/features/), accessed on May 13, 2011, MOTO-APPLE-0006037953_127187:
	Mail, Contacts, and Calendar MobileMe keeps your mail, contacts, and calendar information in the cloud and uses push technology to keep everything in sync across your iPhone, iPad, Mac, PC, and the web automatically. So no matter where you go or what device you use, all your information is up to date — no docking required.
	Push email, push contacts, push calendar. Watch the QuickTour
	See also What is IMAP and Why Do We Use It, (http://www.apple.com/mobileme/news/2008/11/what-is-imap-and-why-do-we-use-it.html), accessed

'119 Patent Claim	Representative Ap	ople Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
	on May 5, 2011, MC	TO-APPLE-00	06037953_126657:
	November 5, 2008	/hat is IMAP a	and Why Do We Use It?
	bu In to Io yo be	ut IMAP is one of the sternet Message Acce o leap, but the protoc of to anyone who han ocation. The promise our inbox and other e exactly as you last	lustry acronyms it helps to know about, em. The words the letters stand for, ess Protocol, don't exactly cause the heart col itself defines a promise that matters a ndles their mail from more than one boils down to this: whenever you go to folders, no matter from where, things will left them, no matter from where. And or MobileMe email accounts.
	ar th ne st m yo	nd work with it locall ne master copy be ke ew log-in produces t andard messaging p nail it is generally ren ou access your mess ou want to read on th	at's on the cloud (server) in charge. It lets you access your account ly from a variety of places via different applications. But it insists that ept on the server and that all changes be recorded there, so that each the inbox and folder contents you expect to see. In the other protocol, POP, the local copy is primary, and when you access your moved from the server after being copied down to your local inbox. If ages from more than one place, life can get confusing—a message the road might have already been downloaded to a different computer is make at work won't be reflected back at home.
	de ha	on't have to think ab	things just work the way you'd expect from the way they look, so you bout it. It's got the possibility of "mobile" built into its core. If you omputer, iPhone, or iPod touch with your MobileMe IMAP account yet, actions.
	See also, iCloud - Cocontacts.html, access		nd Contacts, http://www.apple.com/icloud/features/calendar-mail-27 , 2011:

'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶	
	Mail		
	Mail that delivers. Free.		
	When you set up iCloud, you get a free me.com email account. iCloud automatically pushes new email messages to all your devices, so your inbox is up to date everywhere you check it. And iCloud keeps all your folders in sync, no matter which device you're using.		
	See also, iCloud email service— http://support.apple.com/kb/TS4083 , accessed on 11/06/2012, MOTO-SDFL-0000018786:		
	If your iCloud email account is configured to use Push (in the Fetch New Data settings on your device), your iPhone, iPad, or iPod touch will update automatically whenever you receive a new message in your @me.com or @mac.com Inbox.		
	See also, iCloud mail overview—http://support.apple.com/kb/PH2618, accessed on 11/06/2012, MOTO-SDFL-0000018647:		
	With iCloud Mail, new messages are pushed	to your iPhone, iPad, and iPod touch. You're immediately notified when new essages. And iCloud keeps your inbox and mail folders up to date across	
2. The method according to claim 1 wherein the first status is an unread status and the second status is includes read, deleted, or protected status.	in the course of normal use. Addition every step of this claim in the course step of this claim, has actively induce selling the accused products and prov service with an Apple iOS Device pra	rused Apple Products perform each and every step of this claim nally, a user of an Accused Apple Product performs each and of such use. Furthermore, Apple has performed each and every ed users to perform such steps, and has contributed to such use by riding directions for their use. Apple's MobileMe / iCloud actice a method according to claim 1 wherein the first status is an includes read, deleted, or protected status.	
	As discussed above in Claim 1, Mobi	leMe / iCloud will transmit to an Apple iOS Device an email that	



'119 Patent Claim	Representative Apple Product:	Apple MobileMe / iCloud communicating with an Apple iOS Device ⁶
5. A method of synchronizing a status of a plurality of transceivers comprising the steps of:	in the course of normal use. Additional every step of this claim in the course step of this claim. Apple's Mobile	cused Apple Products perform each and every step of this claim mally, a user of an Accused Apple Product performs each and of such use. Furthermore, Apple has performed each and every le / iCloud service with an Apple iOS Device practice a method of among a plurality of transceivers. <i>See</i> Claim 1 contentions above.
	Accused Apple Products to infringe 2007 regarding the licensing of Moto accordance with those negotiations, Patent. Thus, at least as early as 200 actual infringement and possessed specthrough the design of the Accused A Accused Apple Products to use them	Accused Apple Products, Apple also induced users of the the '119 patent. Apple and Motorola have been in talks since prola's patent portfolio, and, on information and belief, in Apple has reviewed said portfolio, including Motorola's '119 to 7, Apple knew or should have known its actions would induce pecific intent to encourage its customers' direct infringement pple products. In addition, Apple instructs the users of the in an infringing manner, including but not limited to by entisements, promotional materials, labels, and user manuals. See
	indicated above, at least as early as 2 Apple Products would contribute to Accused Apple Products contain a sysubstantial non-infringing use, that contained that this combination, for which the infringing. Moreover, Accused Applean infringing device. Apple further apple Products, including but not line	the infringement of the '119 patent by users of the device. As 2007, Apple knew that offering to sell or selling the Accused direct infringement of the '119 Patent. Apple knew that the pecific synchronization software component, a component with no ould be combined with Apple's MobileMe / iCloud service, and two components were especially made, was both patented and le Products users have, in fact, combined these components into contributes to the direct infringement of the users of the Accused mited to by describing infringing combinations in its ls, and user manuals. See Claim 1 contentions above.
in a first transceiver, changing the status of the first transceiver from a first		st transceiver connected to the MobileMe / iCloud network the s from a first status to a second status as a result of an input from a dicative of the second status.

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status to a second status as a			
result of an input from a user,			
and transmitting a first	status of email, calendar, or contact information (first status) to reflect, e.g., email deletions, new		
message indicative of the	calendar appointments, and/or new contacts (second status) and transmit a first message indicative of		
second status;	the second status to the MobileMe / iCloud communication server. See Claim 1 contentions above.		
in a wireless messaging	Upon information and belief, MobileMe / iCloud's wireless messaging infrastructure, receives the first		
infrastructure, receiving the	message, and transmits a second message indicative of the second status.		
first message, and			
transmitting a second	To continue the above example, the MobileMe / iCloud's IMAP server (the wireless messaging		
message indicative of the	infrastructure) receives the first message. In response to the receipt of the first message, the IMAP		
second status; and	server transmits a second message indicative of the second status, e.g., any email deletions, new		
	calendar appointments, and/or new c	contacts (second status). Indeed, but for the receipt of the first	
	message, the second message would	not have been sent. See, e.g., Apple's Markman slides for '119	
	patent at 45-49; Markman Transcrip	t 443:20-445:9. See Claim 1 contentions above.	
in a second transceiver,	Upon information and belief, a secon	nd transceiver connected to the MobileMe / iCloud network	
receiving the second	receives the second message, and ch	anges a status of the second transceiver to the second status in	
message, and changing a	response thereto.		
status of the second			
transceiver to the second	To continue the above example, a second Apple iOS Device receives the second message transmitted		
status in response thereto.	by the MobileMe / iCloud IMAP ser	ever, and in response thereto, changes the status of, e.g., any email,	
_	calendar, or contact information to re	eflect any email deletions, new calendar appointments, and/or new	
	contacts (second status). See Claim	1 contentions above.	