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UNITED STATES PATENT NO. 5,689,825

PRELIMINARY INFRINGEMENT CONTENTIONS¹

Accused Apple Products: Apple Mac Pro, Apple iMac, Apple Mac mini, Apple MacBook Pro, 15-inch Apple MacBook Pro with Retina Display, Apple MacBook, Apple MacBook Air, Apple iPhone, 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, 3rd Generation Apple iPod Touch, 3rd Generation Apple iPod Touch, 4th Generation Apple iPod Touch, 5th Generation Apple iPod Touch³, Apple Dock Connector to USB Cable, Apple Lightning Connector to USB Cable⁴, new Apple iMac,⁵ new Apple Mac mini,⁶ 13-inch Apple MacBook Pro with Retina Display,⁷ 4th Generation

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

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

³ 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>.

⁴ The term "Apple Lightning Connector to USB Cable" means Apple's new Lightning Connector for use with iPhone 5, and announced by Apple on September 12, 2012. *See* <http://www.apple.com/pr/library/2012/09/12Apple-Introduces-iPhone-5.html>.

⁵ The term "new Apple iMac" means Apple's new iMac computers announced by Apple on October 23, 2012. *See* <http://www.apple.com/pr/library/2012/10/23All-New-iMac-Features-Stunning-Design-Brilliant-Display-Faster-Performance.html>.

⁶ The term "new Apple Mac mini" means Apple's new Mac mini computers announced by Apple on October 23, 2012. *See* <http://www.apple.com/pr/library/2012/10/23All-New-iMac-Features-Stunning-Design-Brilliant-Display-Faster-Performance.html>.

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Apple iPad,⁸ 4th Generation Apple iPad [with cellular], Apple iPad mini,⁹ Apple iPad mini [with cellular].

Apple directly infringes the '825 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 claims of the '825 patent through its development, testing, use, distribution and sale of its products and services, Apple also indirectly infringes the '825 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 '825 patent through its promotion and provision of marketing, sale and/or technical support of the Accused Apple Products and associated services in the United States, and through the design, marketing, manufacture, sale, and/or technical support of the Accused Apple Products. Apple supplies Accused Apple Products and actively encourages the use, sale, offer for sale, and importation of the same in the United States through the promotion and provision of marketing literature, promotion, and user guides, which induces and results in direct infringement. Apple has known or should have known that these actions would cause direct infringement of the '825 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 '825 patent as an exhibit. Despite knowing of the '825 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.

'825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes¹⁰
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⁷ The term "13-inch Apple MacBook Pro with Retina Display" means Apple's new 13-inch MacBook Pro computer announced by Apple on October 23, 2012. See <http://www.apple.com/pr/library/2012/10/23Apple-Introduces-13-inch-MacBook-Pro-with-Retina-Display.html>.

⁸ 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>.

⁹ 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>.

¹⁰ This chart provides Motorola's infringement analysis for the Accused Apple Products updating software installed on the Apple iOS Devices using iTunes software installed on an Apple Computer. In this claim chart, "Apple iOS Device" refers to the Apple

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<p>13. An integrated battery charger and software downloader for use with a portable wireless communication unit comprising:</p>	<p>Upon information and belief, the Apple Computers with iTunes and Apple Dock Connector comprise integrated battery chargers and software downloaders for use with portable wireless communication units, specifically Apple iOS Devices.</p> <p>Upon information and belief, the Apple Computer with iTunes and Apple Dock Connector is an integrated battery charger and software downloader for use with an iOS Device. An Apple iOS Device is a portable wireless communication unit. <i>See, e.g.</i>, iOS 5, (http://www.apple.com/ios/), accessed August 20, 2012, MOTO-SDFL0000006277.</p>

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 + 3G, 3rd Generation Apple iPad, 3rd Generation Apple iPad + 4G, 3rd Generation Apple iPod Touch, 4th Generation Apple iPod Touch, 5th Generation Apple iPod Touch, Apple iPad mini, Apple iPad mini [with cellular], 4th Generation Apple iPad, and 4th Generation Apple iPad [with cellular]; "Apple Computer" refers to Apple Mac Pro, Apple iMac, Apple Mac mini, Apple MacBook Pro, 15-inch Apple MacBook Pro with Retina Display, Apple MacBook, Apple MacBook Air, new Apple Mac mini, new Apple iMac, and 13-inch Apple MacBook Pro with Retina Display; "Apple Dock Connector" refers to Apple Dock Connector to USB Cable and Apple Lightning Connector to USB Cable. Upon information and belief, the analysis set forth in this chart for "Apple iOS Device" applies equally to all Apple iOS Devices running iOS 5 or iOS 6; and, upon information and belief, the analysis set forth in this chart for "Apple Computer" applies equally to all Apple Computers with iTunes software and OSX installed.

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'825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰
	<p data-bbox="758 350 1073 391">Update to iOS 5.</p> <p data-bbox="667 412 1163 521">Just connect your device to your Mac or PC and follow the onscreen instructions in iTunes.</p>  <p data-bbox="590 911 1860 976"><i>See also, e.g.,</i> iOS: How to update your iPhone, iPad, or iPod touch, (http://support.apple.com/kb/HT4623) accessed on November 7, 2012, MOTO-SDFL-0000020230.</p> <p data-bbox="596 1062 1079 1094">▼ Update your device using iTunes</p> <ol data-bbox="653 1122 1472 1198" style="list-style-type: none">1. Ensure that you're using the latest version of iTunes.2. Connect your device to your computer using the included USB cable. <p data-bbox="590 1247 1892 1312"><i>See also, e.g.,</i> iPhone 4S Tech Specs, (http://www.apple.com/iphone/specs.html), accessed August 20, 2012, MOTO-SDFL0000006343.</p>

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‘825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰
	<div data-bbox="617 337 772 370" data-label="Section-Header"> <p>In the Box</p> </div> <div data-bbox="974 337 1390 537" data-label="List-Group"> <ul style="list-style-type: none"> • iPhone 4S • Apple Earphones with Remote and Mic • Dock Connector to USB Cable • USB Power Adapter • Documentation </div> <div data-bbox="1738 347 1864 553" data-label="Image"> </div> <div data-bbox="590 618 1837 686" data-label="Text"> <p>See also, e.g., iPhone 5 Tech Specifications, (http://www.apple.com/iphone/specs.html), accessed November 6, 2012, MOTO-SDFL-00000016105 (emphasis added).</p> </div> <div data-bbox="600 699 926 740" data-label="Section-Header"> <p>Power and Battery*</p> </div> <div data-bbox="1079 711 1566 740" data-label="Text"> <p>Built-in rechargeable lithium-ion battery</p> </div> <div data-bbox="1058 753 1745 810" data-label="Text" style="border: 1px solid red; padding: 2px;"> <p>Charging via USB to computer system or power adapter</p> </div>
<p>a unit interface for providing connections to the portable wireless communication unit;</p>	<p>Upon information and belief, the Apple Computer with iTunes and Apple Dock Connector comprise a unit interface for providing connections to the Apple iOS Device.</p> <p>The Apple Computer with iTunes connects to the Apple iOS Devices through the Apple Dock Connector. See, e.g., Apple Dock Connector to USB Cable, (http://store.apple.com/us/product/MA591G/B/apple-dock-connector-to-usb-cable) accessed on August 20, 2012, MOTO-SDFL-0000006589.</p>

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'825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰
	<h3>Apple Dock Connector to USB Cable</h3> <p>Use the Dock Connector to USB Cable to charge and sync your iPhone, iPad or iPod with your Mac or Windows PC.</p>  <p> Questions & Answers 347 Questions + 249 Answers</p> <hr/> <p>Features Technical Specs Compatibility</p> <p>Highlights</p> <ul style="list-style-type: none">• Access to all controls and dock connector• Form-fitting construction• Allows charging while in case <p>This USB 2.0 cable connects your iPhone, iPad or iPod — directly or through a Dock — to your computer's USB port for efficient syncing and charging or to the Apple USB Power Adapter for convenient charging from a wall outlet.</p>

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<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰</p>
	<p>See also, e.g., iOS: How to update your iPhone, iPad, or iPod touch, http://support.apple.com/kb/HT4623) accessed on November 7, 2012, MOTO-SDFL-0000020230.</p> <p>▼ Update your device using iTunes</p> <ol style="list-style-type: none"> 1. Ensure that you're using the latest version of iTunes. 2. Connect your device to your computer using the included USB cable. <p>Upon information and belief, the Apple Dock Connector connects to a USB port on the Apple Computer with iTunes and further connects to the dock connector of the Apple iOS Device. See, e.g., iPhone 4S Tech Specs, (http://www.apple.com/iphone/specs.html), accessed August 20, 2012, MOTO-SDFL-0000006341 .</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="611 808 869 878" style="text-align: center;"> <p>External Buttons and Connectors</p> </div> <div data-bbox="940 781 1392 1218"> <p>External Buttons and Controls</p>  </div> <div data-bbox="1482 808 1862 1096" style="text-align: center;"> <p>Connectors and Input/Output</p>  </div> </div> <p>See also, e.g., iPhone 5 Tech Specifications, (http://www.apple.com/iphone/specs.html), accessed October 28, 2012, MOTO-SDFL-0000016105 (emphasis added).</p>

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'825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰
	<p style="text-align: center;">Connectors and Input/Output</p>  <p>The diagram shows two views of the dock connector. The top view is a perspective view of the connector with labels: '3.5-mm stereo headphone minijack' at the top left, 'On/off Sleep/wake' at the top right, 'Microphone' at the bottom left, and 'Built-in speaker' at the bottom right. The bottom view is a top-down view of the connector, with a red box highlighting the 'Lightning connector' port.</p> <p><i>See also, e.g., iPhone 5 Features (http://www.apple.com/iphone/features/), accessed October 28, 2012, MOTO-SDFL0000016098 (emphasis added).</i></p>

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'825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰
	<p style="text-align: center;">All-new Lightning connector. Smaller. Smarter. Durable. Reversible.</p> <p>A new way to get connected. Making iPhone 5 thinner and lighter required a pivotal change: replacing the 30-pin connector with something newer, smaller, and better. Introducing the Lightning connector. It features an all-digital, eight-signal design that's significantly more durable than the 30-pin connector. Another brilliant feature of Lightning: It's reversible. Which means there's no wrong way to plug in the cable.</p> <p>Lightning to 30-pin Adapter. Soon many iPhone accessories will be Lightning compatible. But if you have one that depends on the 30-pin connector, you can still connect it to your iPhone 5. Simply use a Lightning to 30-pin Adapter (sold separately).</p>  <p><i>See also, e.g., MacBook Pro with Retina display Tech Specs, (http://www.apple.com/macbook-pro/specs/), accessed on August 20, 2012, MOTO-SDFL-0000006404.</i></p>

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<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰</p>
<p>Connections and Expansion</p>	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>MagSafe 2 Thunderbolt USB 3 Headphone</p> </div> <div style="text-align: center;">  <p>SDXC card slot HDMI USB 3</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <ul style="list-style-type: none"> • MagSafe 2 power port • Two Thunderbolt ports (up to 10 Gbps) • Two USB 3 ports (up to 5 Gbps) • HDMI port • Headphone port <ul style="list-style-type: none"> • SDXC card slot • Apple Thunderbolt to Gigabit Ethernet Adapter (sold separately) • Apple Thunderbolt to FireWire Adapter (sold separately) </div>
<p>a software downloader comprising:</p>	<p>Upon information and belief, the Apple Computer with iTunes is a software downloader. <i>See, e.g.,</i> iOS: How to update your iPhone, iPad, or iPod touch, (http://support.apple.com/kb/HT4623) accessed on November 7, 2012, MOTO-SDFL-0000020230.</p>

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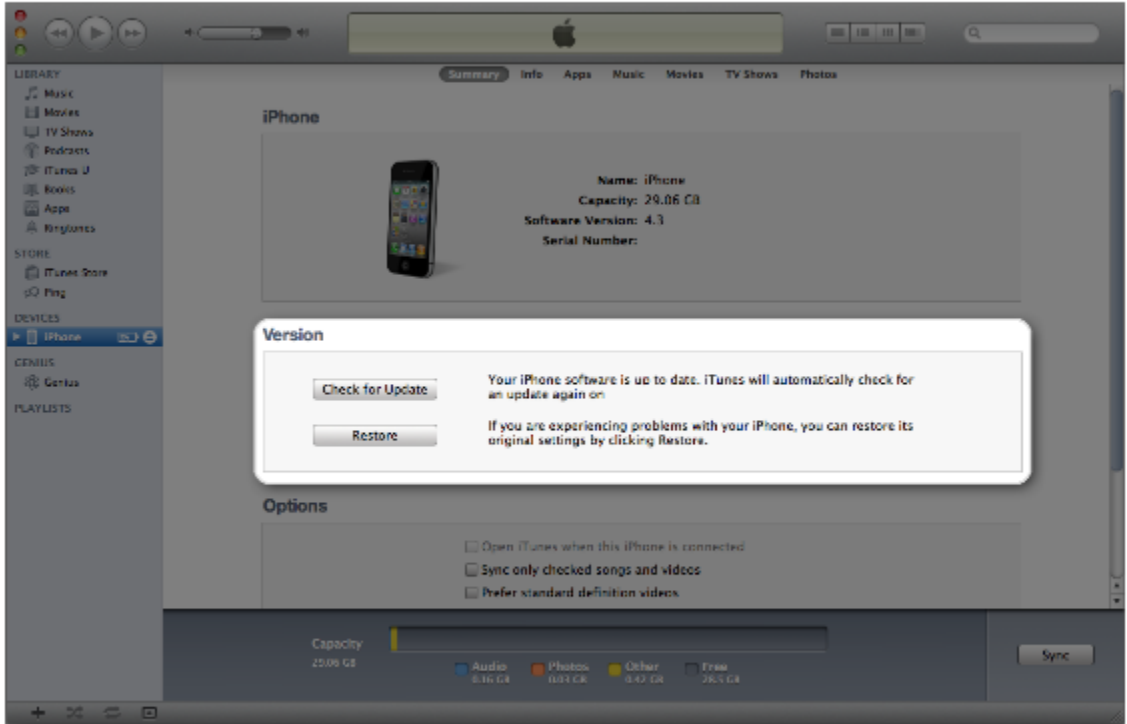
<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰</p>
	<p>3. After iTunes opens, select your device when it appears in iTunes under Devices.</p> <p>4. Click "Check for Update" in the Summary pane to check for available updates.</p>  <p>5. If an update is available, iTunes prompts you to download and install the update. Do not disconnect your device until the update has finished.</p>
<p>a processing unit operably coupled to the unit interface for detecting a flag, in the</p>	<p>Upon information and belief, the Apple Computer with iTunes and Apple Dock Connector includes a processing unit operably coupled to the unit interface for detecting a flag, in the iOS Device, that indicates availability of updated software to the iOS Device when the iOS Device is coupled to the</p>

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<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰</p>
<p>portable wireless communication unit, that indicates availability of updated software to the portable wireless communication unit when the portable wireless communication unit is coupled to the unit interface;</p>	<p>unit interface.</p> <p>Upon information and belief, the Apple Computer with iTunes includes a processor and is capable of downloading updated software to the Apple iOS Device when coupled to the Apple iOS Device via the Apple Dock Connector. <i>See, e.g.,</i> MacBook Pro with Retina display – Technical Specifications, (http://www.apple.com/macbook-pro/specs/), accessed August 28, 2012, MOTO-SDFL-0000006403.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Processor</p>  <p>2.3GHz quad-core Intel Core i7 processor (Turbo Boost up to 3.3GHz) with 6MB shared L3 cache</p> <p>Configurable to 2.6GHz quad-core Intel Core i7 (Turbo Boost up to 3.6GHz) with 6MB shared L3 cache or 2.7GHz quad-core Intel Core i7 (Turbo Boost up to 3.7GHz) with 8MB shared L3 cache.</p> </div> <div style="text-align: center;">  <p>2.6GHz quad-core Intel Core i7 processor (Turbo Boost up to 3.6GHz) with 6MB shared L3 cache</p> <p>Configurable to 2.7GHz quad-core Intel Core i7 (Turbo Boost up to 3.7GHz) with 8MB shared L3 cache.</p> </div> </div> <p>Upon information and belief, when an Apple Computer with iTunes and Apple Dock Connector are operably connected to the Apple iOS Device, iTunes launches. Upon information and belief, iTunes determines whether new software for the Apple iOS Device is available for download based on the state of a flag set in the Apple iOS Device. <i>See, e.g.,</i> iOS: How to update your iPhone, iPad, or iPod touch, (http://support.apple.com/kb/HT4623) accessed on November 7, 2012, MOTO-SDFL-0000020230.</p>

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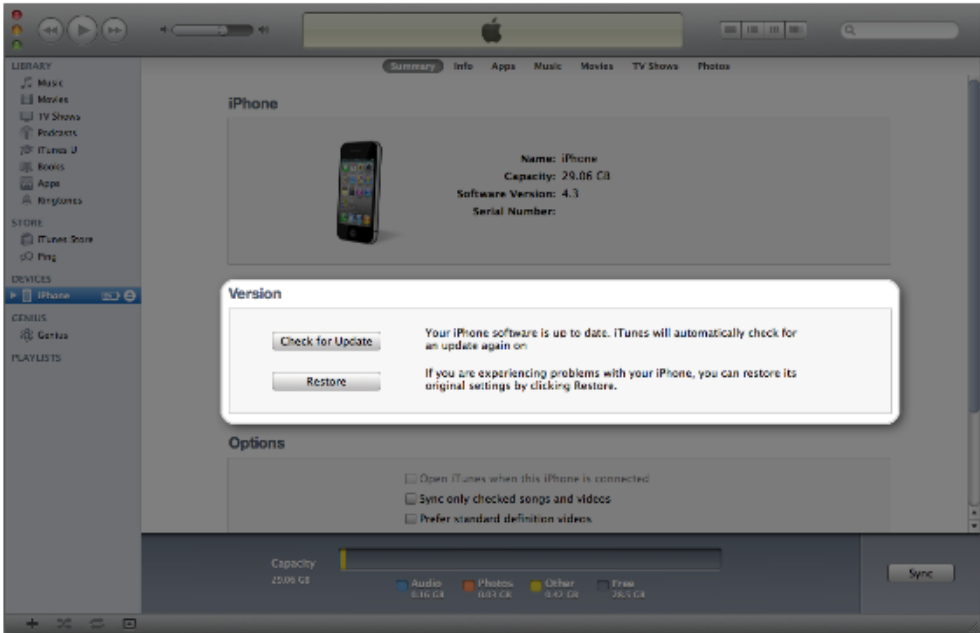

<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰</p>
	<p>4. Click "Check for Update" in the Summary pane to check for available updates.</p>  <p>5. If an update is available, iTunes prompts you to download and install the update. Do not disconnect your device until the update has finished.</p> 

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'825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes¹⁰
	<p>Upon information and belief, an Apple iOS Device includes a flag that indicates the availability of a software update for the Apple iOS Device that can be detected by iTunes. When a software update is available for an Apple iOS Device, a notification is sent to the Apple iOS Device and a flag indicating the availability of a software update for the Apple iOS Device is set. The "1" within the red box below is a graphical indicator of the storage of a flag indicating availability of a software update within the Apple iOS Device.</p> <p>See, e.g., How To: Update iOS to the Latest Version, (http://www.148apps.com/news/update-ios-latest-version/), accessed on November 5, 2012, MOTO-SDFL-0000016090 (emphasis added).</p>  <p>See also Screenshots from iPhone 5 (emphasis added).</p>

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<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes¹⁰</p>
	
<p>a land-based public communication network interface operably coupled to the processing unit for communicating with a server to receive the updated software; and</p>	<p>Upon information and belief, an Apple Computer with iTunes includes a land-based public communication network interface operably coupled to the processor of the Apple Computer with iTunes for communicating with a server to receive the updated software.</p> <p>Upon information and belief, an Apple Computer with iTunes may connect to a server through a land-based public communication network through a wireless or wired connection to receive the updated software. Upon information and belief, an Apple Computer with iTunes may connect to a land-based public communications network via a wireless connection (e.g. 802.11) to a local area network</p>

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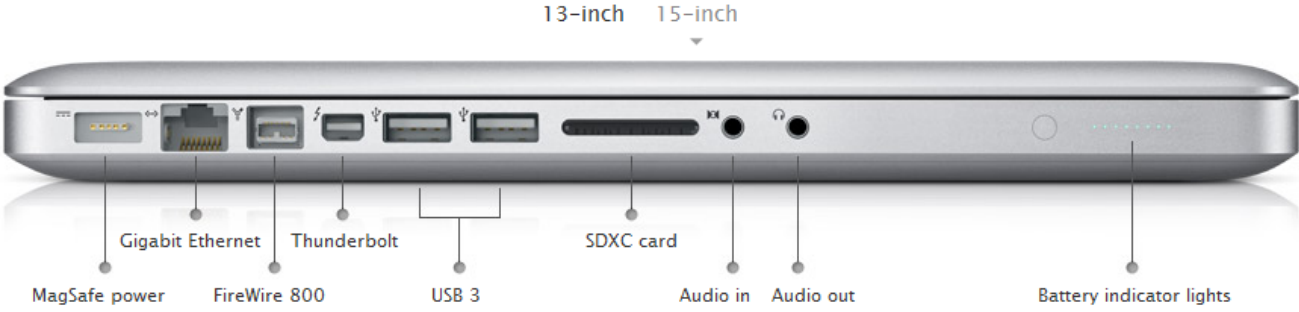

<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰</p>
	<p>connected to a land-based public communication network such as broadband, fiber optic, hybrid fiber-coaxial, cable, DSL, dial-up/telephone/PTSN, or ISDN network.</p> <p><i>See also, e.g.,</i> MacBook Pro 13- and 15-inch, (http://www.apple.com/macbook-pro/features/13-and-15-inch/), accessed on August 28, 2012, MOTO-SDFL-0000006365.</p>  <p>The diagram shows the rear of a MacBook Pro with various ports labeled. From left to right: MagSafe power, Gigabit Ethernet, FireWire 800, Thunderbolt, USB 3, SDXC card, Audio in, Audio out, and Battery indicator lights. Above the ports, '13-inch' and '15-inch' are indicated with a downward arrow pointing to the center of the device.</p> <p><i>See, e.g.,</i> MacBook Pro with Retina display Tech Specs, (http://www.apple.com/macbook-pro/specs/), accessed on August 20, 2012, MOTO-SDFL-0000006404.</p> <div data-bbox="609 1144 1837 1266"> <p>Wireless</p> <ul style="list-style-type: none"> 802.11n Wi-Fi wireless networking;³ IEEE 802.11a/b/g compatible Bluetooth 4.0 wireless technology  </div> <p><i>See also, e.g.,</i> MacBook Air – Compare the 11- and 13-inch MacBook Air, (http://www.apple.com/macbookair/specs.html), accessed August 28, 2012, MOTO-SDFL-0000006352.</p>

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<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes¹⁰</p>
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>USB 3 Thunderbolt</p> </div> <div style="text-align: center;">  <p>SD card USB 3 Thunderbolt</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  <p>MagSafe 2 USB 3 Headphone Microphone</p> </div> <div style="text-align: center;">  <p>MagSafe 2 USB 3 Headphone Microphone</p> </div> </div> <ul style="list-style-type: none"> <li style="margin-bottom: 10px;">• Two USB 3 ports (up to 5 Gbps) <li style="margin-bottom: 10px;">• Thunderbolt port (up to 10 Gbps) <li style="margin-bottom: 10px;">• MagSafe 2 power port <ul style="list-style-type: none"> <li style="margin-bottom: 10px;">• Two USB 3 ports (up to 5 Gbps) <li style="margin-bottom: 10px;">• Thunderbolt port (up to 10 Gbps) <li style="margin-bottom: 10px;">• MagSafe 2 power port <li style="margin-bottom: 10px;">• SD card slot <p style="margin-top: 20px;">Upon information and belief, an Apple Computer with iTunes may connect to a server through a land-based public communications network via a wired connection to a local area network connected to a land-based public communication network such as a fiber optic network, cable, DSL, dial-up/telephone, or ISDN network.</p> <p style="margin-top: 20px;"><i>See also, e.g.,</i> Apple USB Ethernet Adapter, (http://store.apple.com/us_smb_78313/product/MC704ZM/A/apple-usb-ethernet-adapter), accessed on August 28, 2012, MOTO-SDFL-0000006589.</p>

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<p>'825 Patent Claim</p>	<p>Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰</p>
	<p>Apple USB Ethernet Adapter</p> <p>Easily connect your MacBook Air computer to an Ethernet network with the Apple USB Ethernet Adapter. Small and light, it connects to the USB 2.0 port of your MacBook Air and provides an RJ-45 connector that supports 10/100BASE-T performance.</p>  <p><i>See also, e.g.,</i> MacBook Air – Compare the 11- and 13-inch MacBook Air, (http://www.apple.com/macbookair/specs.html), accessed August 28, 2012, MOTO-SDFL-0000006352.</p> <p>Wireless</p> <ul style="list-style-type: none"> 802.11 n Wi-Fi wireless networking;³ IEEE 802.11 a/b/g compatible Bluetooth 4.0 wireless technology 
<p>a memory operably coupled to the processing unit for storing the updated software.</p>	<p>Upon information and belief, an Apple Computer with iTunes contains memory operably coupled to the processing unit contained in the Apple Computer with iTunes for storing the updated software. <i>See, e.g.,</i> MacBook Pro with Retina display Tech Specs, (http://www.apple.com/macbook-pro/specs/), accessed August 28, 2012, MOTO-SDFL-0000006403-04.</p>

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	<div data-bbox="590 402 737 443">Memory</div> <div data-bbox="898 402 1339 500"> <p>8GB of 1600MHz DDR3L onboard memory</p> <p>Configurable to 16GB.</p> </div> <hr/> <div data-bbox="590 630 737 670">Storage</div> <div data-bbox="1020 621 1136 743">  </div> <div data-bbox="1171 646 1289 711"> <p>256GB</p> </div> <div data-bbox="898 768 1297 833"> <p>Configurable to 512GB or 768GB flash storage.</p> </div> <div data-bbox="1608 621 1724 743">  </div> <div data-bbox="1759 646 1877 711"> <p>512GB</p> </div> <div data-bbox="1434 768 1833 800"> <p>Configurable to 768GB flash storage.</p> </div> <p data-bbox="590 881 1854 1018"> <i>See, e.g.,</i> MacBook Pro 15-Inch Retina Display Mid-2012 Teardown, http://www.ifixit.com/Teardown/MacBook+Pro+15-Inch+Retina+Display+Mid+2012+Teardown/9462/3), accessed November 6, 2012, MOTO-SDFL-0000016315. </p>

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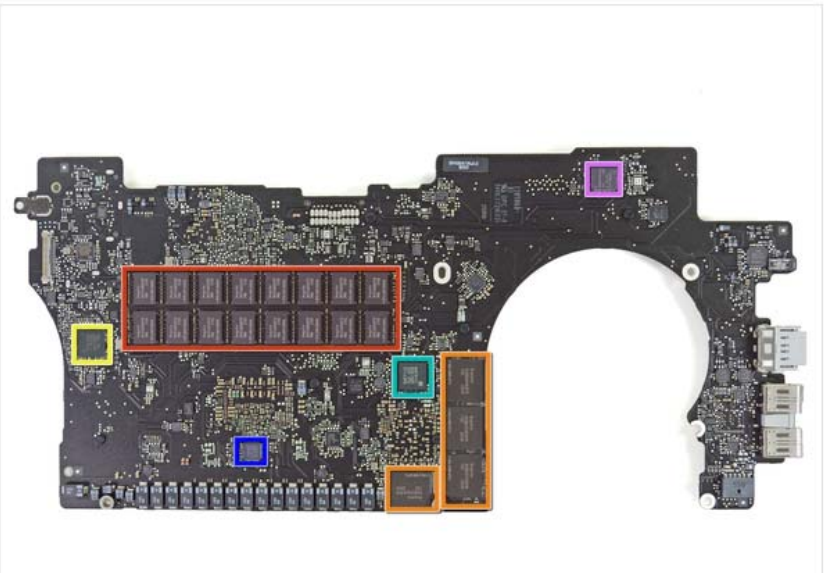
'825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes¹⁰
	<div data-bbox="611 326 1430 894"></div> <div data-bbox="1461 326 1896 711"><p>Step 17 Edit</p><ul style="list-style-type: none">● The back of the logic board revealed:<ul style="list-style-type: none">● Hynix H5TC2G83CFR DDR3L SDRAM 2Gbit 1600MHz chips● Hynix H5GQ2H24AFR - 2.5GHz 2Gbit GDDR5 memory chips● Texas Instruments Stellaris LM4F51AH microcontroller with integrated ARM core● Renesas R4F2113 H8S series CISC MCU● Maxim MAX15119 Apple-specific IMVP7 CPU/GPU power controller● Cypress Semiconductor CY8C24794-24L - a Programmable SoC</div> <p data-bbox="590 935 1896 1079">Upon information and belief, the Apple Computer with iTunes downloads updated software from a server and stores the updated software in memory. <i>See, e.g.,</i> iOS: How to update your iPhone, iPad, or iPod touch, (http://support.apple.com/kb/HT4623), accessed on November 7, 2012, MOTO-SDFL-0000020230 (emphasis added).</p>

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‘825 Patent Claim	Representative Apple Products: Apple iOS Device, Apple Dock Connector and an Apple Computer with iTunes ¹⁰
	<p>5. If an update is available, iTunes prompts you to download and install the update. Do not disconnect your device until the update has finished.</p> 
<p>14. The integrated battery charger and software downloader of claim 13, further comprising the battery charger operably coupled to the unit interface.</p>	<p>Upon information and belief, the Apple Computer with iTunes comprises a battery charger operably connected to the Apple Dock Connector. <i>See, e.g.</i>, iPhone and iPod touch: Charging the battery, (http://support.apple.com/kb/HT1476), accessed on September 5, 2012, MOTO-SDFL-0000006596 (underline added).</p>

EXHIBIT G

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	<p>Charging the battery</p> <p><u>To charge the battery, choose one of the options below:</u></p> <ul style="list-style-type: none"> ■ For the quickest charge, connect iPhone or iPod touch to a power outlet using the USB cable that came with the device and a USB power adapter. ■ <u>Connect the device directly to a USB port on your computer (not an external keyboard) using the USB cable that came with the device.</u> Your computer must be turned on and not in sleep or standby mode; otherwise, the battery may drain instead of charge. <ul style="list-style-type: none"> ■ For the quickest charge while connected to a computer, remove all USB devices except the keyboard and mouse, or use an externally powered USB hub and connect the added USB devices including the iPhone or iPod touch. ■ If using a portable computer, make sure it is plugged in to power and that the display (or lid) is open. If the display is closed, the computer may go into standby, sleep, or hibernation mode and iPhone or iPod touch may not charge. <p>See also, e.g., iPad: Charging the battery, (http://support.apple.com/kb/HT4060), accessed on September 5, 2012, MOTO-SDFL-0000006601 (underline added).</p> <p><u>To charge your iPad battery, try one of the following:</u></p> <ul style="list-style-type: none"> ■ Connect iPad to a power outlet using the included cable and the 10W USB power adapter. ■ <u>Connect to a high-power USB 2.0 port using the included cable.</u> <p>See also, e.g., Apple Computers and Displays: Powering peripherals through USB, (http://support.apple.com/kb/HT4049?viewlocale=en_US), accessed September 5, 2012, MOTO-SDFL-0000006598.</p>

EXHIBIT G

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	<p>Apple computers and displays with USB 1.1 or USB 2 ports provide:</p> <ul style="list-style-type: none"> ■ Up to 500 mA (Milliamps) at 5 V (Volts) to most Apple USB peripherals and all USB peripherals not made by Apple in compliance with USB specifications. <p>Apple computers with USB 3 ports provide:</p> <ul style="list-style-type: none"> ■ Up to 900 mA (milliamps) at 5 V (Volts) to most Apple USB peripherals and all USB peripherals not made by Apple in compliance with USB specifications. <p>Note: Some USB peripheral devices not manufactured by Apple may have unique power requirements. These may exceed the power allotment on an individual USB port. Those devices may require you connect them to multiple USB ports or may have external power sources that must be present for them to function.</p> <p>Apple peripheral devices may request more than 500 mA (Milliamps) at 5 V (Volts) from a port to function or to allow for faster charging. Such Apple peripheral devices include:</p> <ul style="list-style-type: none"> ■ Apple MacBook Air SuperDrive (when connected to supported computers) ■ Aluminum Wired Keyboard* ■ iPod ■ iPhone ■ iPad <p>To meet requests for additional power from these Apple peripherals and devices, some Apple computers and displays can provide up to 1100 mA at 5 V through the port to which the Apple peripheral or device is connected. This power is available under certain conditions:</p> <ol style="list-style-type: none"> 1. An Apple peripheral device must be plugged directly into an Apple computer or display. Apple peripheral devices connected to hubs will not have access to extra power above the standard USB specification of the port the device is connecting to (500 mA for USB 1.1 or 2, 900 mA for USB 3). 2. Your Apple computer or display must be powered on and must be awake. If your Apple computer or display is asleep, all ports will provide their normal maximum output. If your Apple computer or display is powered off, no power will be provided. 3. The port providing extra power is determined by the first Apple peripheral or device to connect to the Apple computer or display that requires power beyond 500 mA for USB 1.1 or 2, or 900 mA for USB 3. The remaining ports will continue to offer their normal maximum output. Some Apple computer and displays may offer the ability to operate more than one USB port at 1100 mA at 5 V. On those computers, the second or third port is enabled when an appropriate device is connected. 4. An Apple computer started up to Windows via BootCamp will not provide extra power.

EXHIBIT G

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	<p><i>See also, e.g.,</i> iPhone 5 Tech Specs, (http://www.apple.com/iphone/specs.html), accessed November 6, 2012, MOTO-SDFL-0000016105 (emphasis added).</p> <p>Power and Battery*</p> <p>Built-in rechargeable lithium-ion battery</p> <p>Charging via USB to computer system or power adapter</p>