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'130 Patent Infringement Contentions

















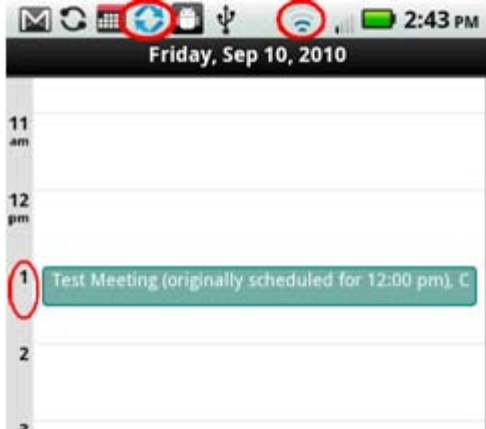
































Motorola’s infringing products (“Accused Devices”) include mobile devices, such as smartphones, associated software, and components thereof. The Accused Devices include Motorola’s Android based phones which include, but are not limited to, the Motorola Droid X, Droid 2, Droid 2 Global, Cliq 2, Defy, Bravo, Droid Pro, Droid 2 R2-D2, Droid X 2, Charm, Droid, Flipside, Flipout, Atrix, Droid Bionic, Xoom, Devour A555, Backflip, Cliq/Dext, Cliq XT/Quench, Citrus, Spice, i1 and other Motorola Android based phones incorporating hardware and/or software that is substantially similar. The figures and illustrations in the infringement chart below display exemplary devices.


















































U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
<p>1. A mobile computing device comprising the following: a data store; a networking module; and a processing module configured to access the data store of the mobile device as well as communicate with the synchronization server over the network using the networking module of the mobile device, wherein the processing device of the mobile device is configured to perform the following:</p>	<p>Each Accused Device, such as, for example, the DROID 2 or DROID X model, is a mobile computing device comprising a data store, a networking module, and a processing module configured to access the data store of the mobile device as well as communicate with the synchronization server over the network using the networking module of the mobile device.</p> <p>Each Accused Device comprises a data store, which can be on-board memory (e.g., 8 GB in DROID 2 and DROID X), SD memory (e.g., 8 GB in DROID 2, or 2 GB in DROID X), SIM card, and/or other memory (e.g., removable memory) for storing data items such as email, calendar data and contact information. <i>See, e.g.</i>, DROID 2 by Motorola – Android Phone – Tech Specs, http://www.motorola.com/Consumers/US-EN/Consumer-Product-and-Services/Mobile-Phones/ci.Motorola-DROID-2-US-EN.alt (visited Feb. 16, 2011):</p>

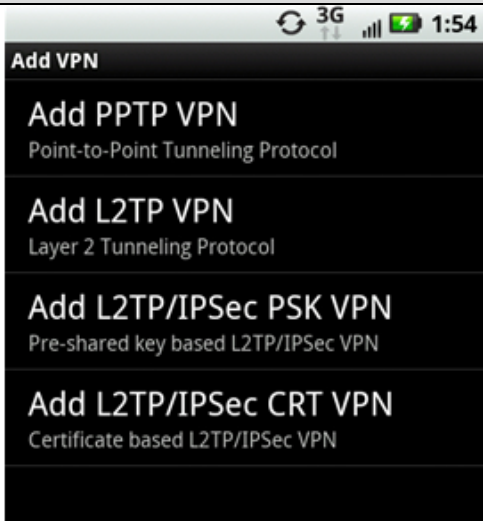
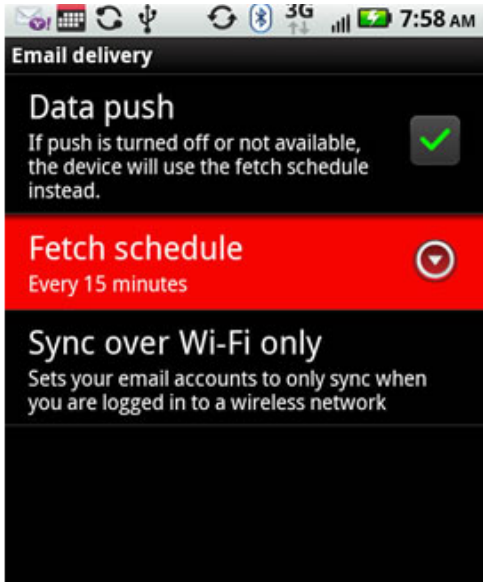
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<div data-bbox="792 338 1198 451" style="text-align: center;">  TECHNOLOGY </div> <div data-bbox="792 485 1161 892" style="margin-top: 10px;"> <p>MEMORY⁹ up 8 GB on board, 8 GB microSD pre-installed, expandable up to 32 GB</p> <p>PROCESSOR 1 GHz processor</p> <p>ACCELEROMETER Yes</p> <p>NETWORKS⁴ CDMA 1X 800/1900, EVDO rev. A</p> <p>REMOVABLE MEMORY¹⁰ supports up to 32 GB microSD</p> <p>SENSORS Proximity, ambient light and eCompass</p> </div> <div data-bbox="613 915 1372 1094" style="margin-top: 10px;"> <p><i>See also DROID X by Motorola – Android phone – HD phone – Tech Specs, http://www.motorola.com/Consumers/US-EN/Consumer-Product-and-Services/Mobile-Phones/ci.Motorola-DROID-X-US-EN.alt (visited Feb. 16, 2011):</i></p> </div> <div data-bbox="792 1140 1198 1253" style="text-align: center; margin-top: 20px;">  TECHNOLOGY </div> <div data-bbox="792 1287 1161 1627" style="margin-top: 10px; border: 1px solid gray; padding: 5px;"> <p>MEMORY⁸ up 8 GB on board, 2 GB microSD pre-installed</p> <p>NETWORKS⁴ CDMA 1X 800/1900, EVDO rev. A</p> <p>ACCELEROMETER Yes</p> <p>REMOVABLE MEMORY⁹ supports up to 32 GB microSD</p> <p>SENSORS Proximity, ambient light and eCompass</p> </div> <div data-bbox="613 1667 1284 1845" style="margin-top: 10px;"> <p><i>See also DROID 2 User Guide at 59, http://www.motorola.com/staticfiles/Support/US-EN/Mobile%20Phones/DROID2/US-EN/_Documents/Static_Files/DROID2_VZW_US-EN_UG_68000202881b.pdf (visited Feb. 16, 2011):</i></p> </div>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<p>Secure Personal Information—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.</p> <p>Each Accused Device comprises a networking module which includes hardware and/or software for sending and receiving information over the network (for example, by wireless 3G, Wi-Fi, or hardwired USB).</p> <p>The networking module is used for communicating with a synchronization server (which can be, for example, an email or calendar server) which has a second data store for storing data items such as email, calendar data and contact information.</p> <p><i>See, e.g., DROID 2 by Motorola – Android Phone – Tech Specs:</i></p> <div data-bbox="792 1058 1203 1188" style="text-align: center;">  </div> <p>BLUETOOTH® TECHNOLOGY⁵ Stereo Bluetooth Class 2, Version 2.1 + EDR (support profiles, A2DP, AVRCP, HFP, HID, HSP, OPP, PBAP)</p> <p>WEB BROWSER Android HTML Webkit, Adobe® Flash® Player 10.1 Mobile browsing with a new processor and Verizon's 3G network</p> <p>SOFTWARE UPDATES (FOTA)</p> <p>SYNCHRONIZATION Support for Corporate calendar, email and contacts (Exchange 2003, 2007 and 2010), Google contacts, calendar and Gmail™, Facebook™ contacts</p> <p>WIFI 802.11 b,g, n</p> <p>WIRELESS LOCAL AREA NETWORK (WLAN)</p>

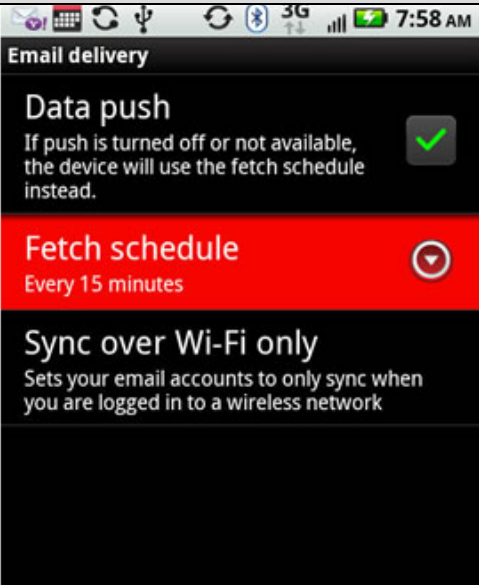
<p>U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p>Accused Devices</p>
	<div style="text-align: center;">  <p>INTERFACE</p> <hr style="width: 100px; margin: 0 auto;"/> <p>NAVIGATION TOOL Directional keys with select key</p> <p>OPERATING SYSTEM Android 2.2 (Froyo)</p> <p><i>See also DROID X by Motorola – Android phone – HD phone – Tech Specs:</i></p>  <p>CONNECTIVITY</p> <hr style="width: 100px; margin: 0 auto;"/> <p>BLUETOOTH® TECHNOLOGY⁵ Stereo Bluetooth Class 1.5, Version 2.1 + EDR (support profiles, A2DP, AVRCP, HFP, HID, HSP, OPP, PBAP)</p> <p>WEB BROWSER Android HTML Webkit, Adobe® Flash® Player (available via software update late summer 2010)</p> <p>SYNCHRONIZATION Support for Corporate calendar, email and contacts (Exchange 2003 and 2007), Google contacts, calendar and Gmail™ contacts</p> <p>WIFI 802.11 n</p> <p>3G MOBILE HOT SPOT¹ Be a mobile hot spot for up to 5 other devices</p> <p>DATA ACCESS⁶ Yes</p> </div> <p>Each Accused Device includes a processing module comprising hardware and/or software (which may include a processor running the Android operating system). The processing device of each Accused Device is configured to perform the following:</p>
<p>determine that a data item is to be synchronized;</p>	<p>Each Accused Device determines that a data item (e.g., email, calendar data and contact information) is to be synchronized. <i>See, e.g., DROID 2 User Guide at 10; Screenshot 1.1:</i></p>

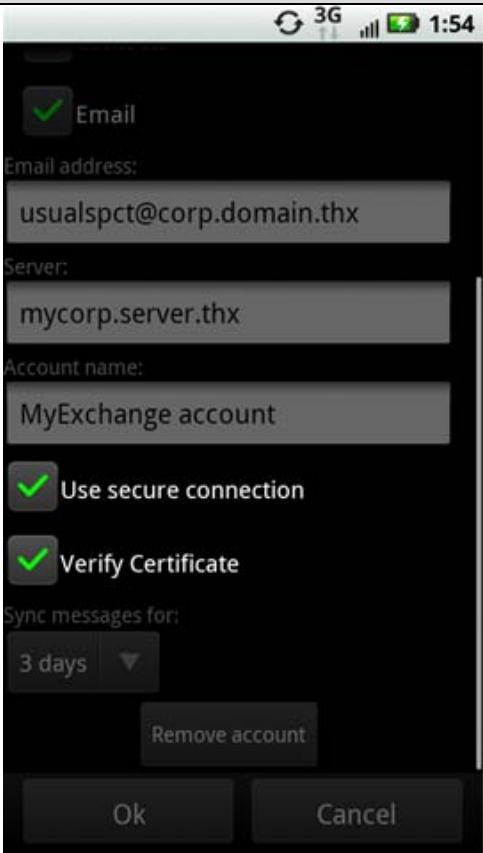
U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices																																
	<table border="1" data-bbox="673 319 1333 667"> <tr> <td></td> <td>Bluetooth® active</td> <td></td> <td>network (full signal)</td> </tr> <tr> <td></td> <td>GPS active</td> <td></td> <td>network (roaming)</td> </tr> <tr> <td></td> <td>Wi-Fi® active</td> <td></td> <td>3G (fastest data)</td> </tr> <tr> <td></td> <td>downloading</td> <td></td> <td>airplane mode</td> </tr> <tr> <td></td> <td>vibrate</td> <td></td> <td>sync active</td> </tr> <tr> <td></td> <td>silent</td> <td></td> <td>alarm set</td> </tr> <tr> <td></td> <td>mute call</td> <td></td> <td>battery (charging)</td> </tr> <tr> <td></td> <td>speakerphone active</td> <td></td> <td>battery (full charge)</td> </tr> </table>  <p data-bbox="634 1104 1373 1209">Screenshot 1.1: status icon indicates a synchronization is active – each Accused Device determined that a data item was to be synchronized</p> <p data-bbox="612 1247 1344 1386">Furthermore, the Motorola each Accused Device can determine that a data item is to be synchronized by either "pushing " data or "fetching" data on a predetermined schedule.</p> <p data-bbox="612 1425 1385 1530">Also, each Accused Device will immediately determine that a data item is to be synchronized when a new item is created or an old item is edited.</p>		Bluetooth® active		network (full signal)		GPS active		network (roaming)		Wi-Fi® active		3G (fastest data)		downloading		airplane mode		vibrate		sync active		silent		alarm set		mute call		battery (charging)		speakerphone active		battery (full charge)
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	speakerphone active		battery (full charge)																														
<p>identify which of a plurality of synchronization mechanisms, including one or more hardwired or wireless communication connections, are available to use for synchronization;</p>	<p>Each Accused Device identifies which of a plurality of synchronization mechanisms, including one or more hardwired or wireless communication connections, are available to use for synchronization.</p> <p>Such wireless communication connections for synchronization can be, for example, 3G, Wi-Fi, and Bluetooth connections. <i>See, e.g., DROID 2 User Guide at</i></p>																																

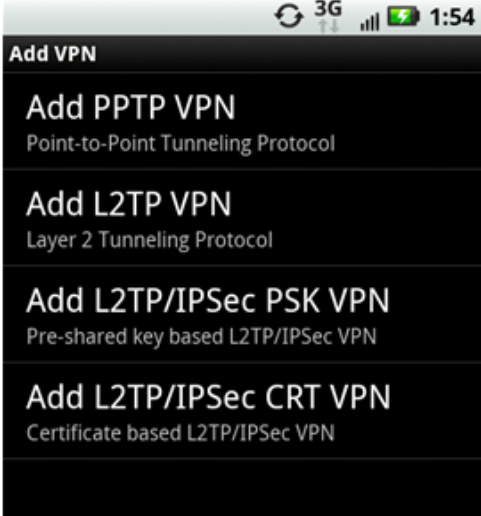
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices																																
	<p>10:</p> <table border="1" data-bbox="673 388 1333 737"> <tbody> <tr> <td></td> <td>Bluetooth® active</td> <td></td> <td>network (full signal)</td> </tr> <tr> <td></td> <td>GPS active</td> <td></td> <td>network (roaming)</td> </tr> <tr> <td></td> <td>Wi-Fi® active</td> <td></td> <td>3G (fastest data)</td> </tr> <tr> <td></td> <td>downloading</td> <td></td> <td>airplane mode</td> </tr> <tr> <td></td> <td>vibrate</td> <td></td> <td>sync active</td> </tr> <tr> <td></td> <td>silent</td> <td></td> <td>alarm set</td> </tr> <tr> <td></td> <td>mute call</td> <td></td> <td>battery (charging)</td> </tr> <tr> <td></td> <td>speakerphone active</td> <td></td> <td>battery (full charge)</td> </tr> </tbody> </table> <p>The hardwired communication connection can be, for example, a USB connection. <i>See, e.g., DROID 2 User Guide at 48:</i></p> <p>1 With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone’s micro USB port to a USB port on your computer. Your phone should show  in the status bar.</p> <p>Other synchronization mechanisms can be “push” or “fetch.” For the former, the synchronization server (for example, an email or calendar server, e.g., Microsoft Exchange Server, Gmail server, or Google calendar server) can “push” a data item (e.g., email, calendar data and contact information) to each Accused Device. For the latter, each Accused Device fetches a data item from the second computer system.</p> <p>Another synchronization mechanism can be a Virtual Private Network (VPN). <i>See, e.g., Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</i></p>		Bluetooth® active		network (full signal)		GPS active		network (roaming)		Wi-Fi® active		3G (fastest data)		downloading		airplane mode		vibrate		sync active		silent		alarm set		mute call		battery (charging)		speakerphone active		battery (full charge)
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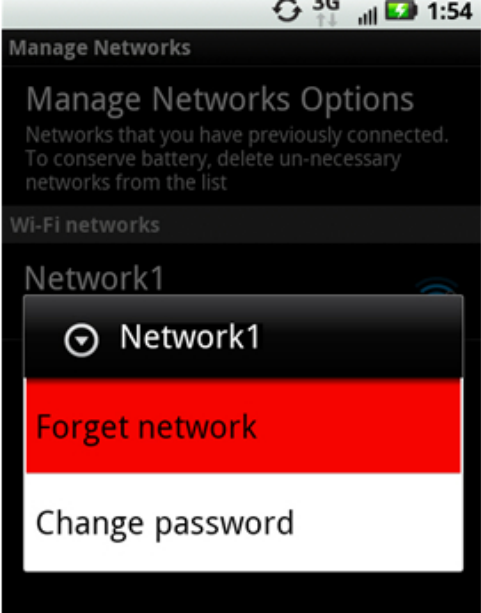
<p align="center">U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p align="center">Accused Devices</p>
	
<p>consult a set of one or more flexible selection rules to select a synchronization mechanism, the set of one or more flexible rules taking into consideration value, from having access to synchronized data, relative to at least one of (i) an economic cost for synchronization using each available synchronization mechanism, (ii) network security for each available synchronization mechanism, (iii) security of a computer system, or (iv) value of data being synchronized, and thereby select an available synchronization mechanism appropriate for the data item given the one or more flexible selection rules; and</p>	<p>Each Accused Device consults a set of one or more flexible selection rules to select a synchronization mechanism (e.g., wireless 3G or Wi-Fi; hardwired USB; fetch or pull synchronization).</p> <p>Each Accused Device can be flexibly configured such that, for example, it synchronizes emails by fetch or push synchronization, whereas it synchronizes social applications only via Wi-Fi.</p> <p><i>See, e.g.,</i> Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):</p> 


U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<p>The set of one or more flexible rules takes into consideration value, from having access to synchronized data (e.g., email, calendar data and contact information), relative to at least one of (i) an economic cost for synchronization using each available synchronization mechanism (e.g., wireless 3G or Wi-Fi; hardwired USB; fetch or pull synchronization), (ii) network security for each available synchronization mechanism, (iii) security of the synchronization server (for example, an email or calendar server, e.g., Microsoft Exchange Server, Gmail server, or Google calendar server), or (iv) value of data being synchronized and thereby selecting an available synchronization mechanism appropriate for the data item given the one or more flexible selection rules.</p> <p>For example, each Accused Device can fetch data on a pre-determined schedule, or the synchronization server can automatically push data to each Accused Device. This is a flexible choice that takes into account at least the value of the data.</p> <p>As another example, each Accused Device can be flexibly configured to synchronize social applications only via a Wi-Fi mechanism, while email is set to be synchronized via "push" synchronization. Such flexible rule takes into account at least the value of the data and cost of synchronizing using the various synchronization mechanisms.</p> <p><i>See, e.g.,</i> Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):</p>

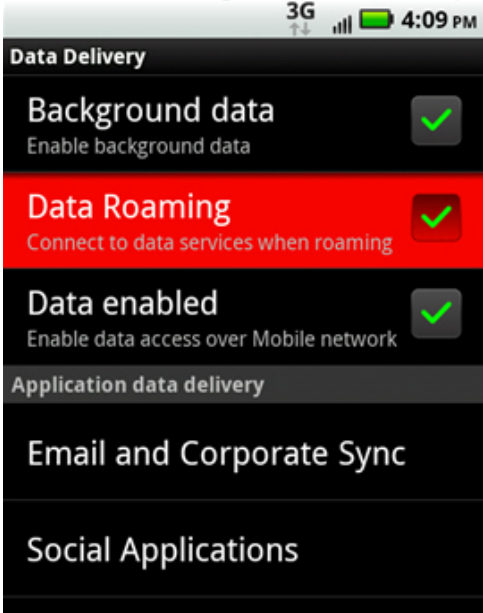
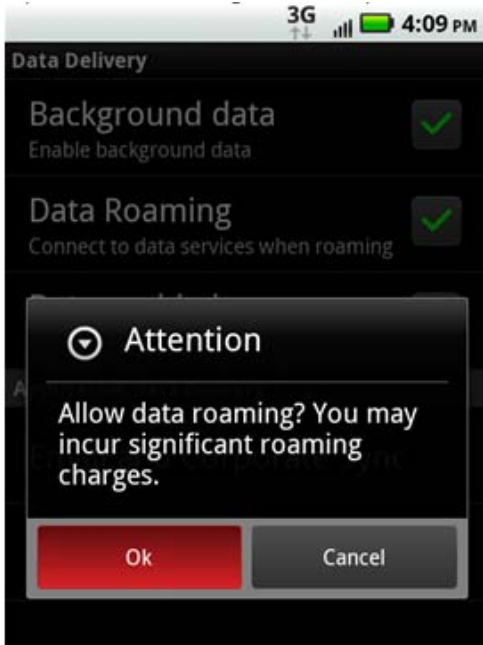
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 894 1357 1035">As yet another example, each Accused Device can be flexibly configured to use a secure connection when synchronizing email. This flexible rule takes into account the security of the synchronization mechanism.</p> <p data-bbox="613 1073 1398 1213"><i>See, e.g.,</i> Configure Corporate Email (Exchange ActiveSync) – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34193 (visited Feb. 16, 2011):</p>

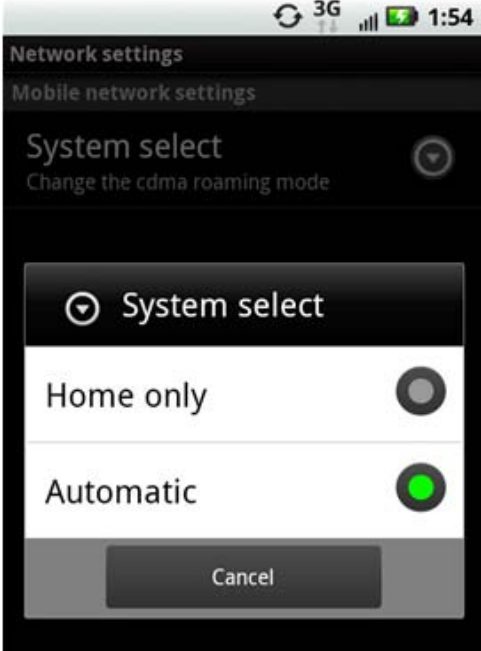













































U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 1241 1357 1415">As another example, each Accused Device can be flexibly configured to use a Virtual Private Network (VPN). Choosing to use a Virtual Private Network for synchronization is a rule that considers the security of the synchronization mechanism.</p> <p data-bbox="613 1461 1390 1598"><i>See, e.g.,</i> Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</p>

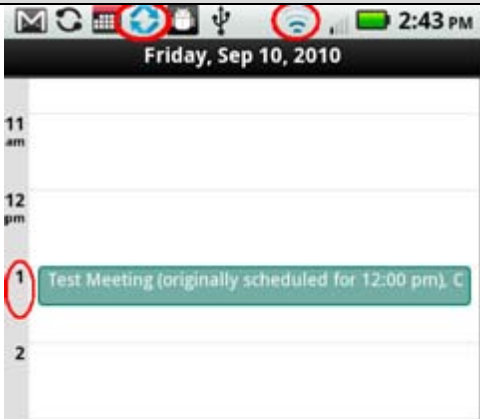
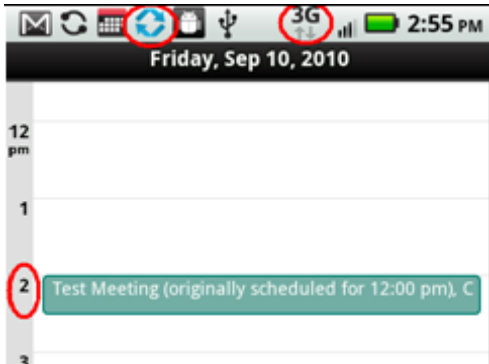
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p>As still another example, each Accused Device can be flexibly configured to choose between a Wi-Fi mechanism and a 3G mechanism when synchronizing data. Each Accused Device uses a 3G mechanism until it is flexibly authorized to use a particular Wi-Fi mechanism. This rule considers the network security of unauthorized Wi-Fi mechanisms. Once one or more available Wi-Fi mechanisms have been authorized, each Accused Device prefers user-authorized Wi-Fi mechanisms to a 3G mechanism. This rule considers the economic cost due to the fact that using a Wi-Fi mechanism is less likely lead to additional user fees.</p> <p><i>See, e.g., DROID 2 User Guide at 35-36:</i></p> <p>Connect Your phone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.</p> <p>Note: Your service provider may charge to surf the Web or download data.</p> <p><i>See also DROID 2 User Guide at 46:</i></p> <p>Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.</p> <p>Each Accused Device can be flexibly configured to remove a particular Wi-Fi mechanism from the list of authorized Wi-</p>



U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	<p>Fi mechanisms, and each Accused Device will thereafter prefer a 3G mechanism to the de-authorized Wi-Fi mechanism. This can be done by selecting "Forget network" from the "Manage Networks" settings screen.</p> <p><i>See, e.g.,</i> Remove WiFi Connection – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=34876 (visited Feb. 16, 2011):</p>  <p>Alternatively, each Accused Device can flexibly override the preference for <i>all</i> user-authorized Wi-Fi mechanisms by clearing the "Wi-Fi" checkbox on the "Wireless and network settings" screen. This will result in each Accused Device preferring a 3G mechanism to all Wi-Fi mechanisms, including user-authorized Wi-Fi mechanisms.</p> <p><i>See, e.g.,</i> WiFi On/Off – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31315 (visited Feb. 16, 2011):</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p>As another example, each Accused Device can be flexibly configured to allow "roaming," or alternatively to allow synchronizations only using the "home" carrier's synchronization mechanisms. This flexible rule considers the cost of synchronizing using the various synchronization mechanisms.</p> <p><i>See, e.g.,</i> Data Roaming – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=33954 (visited Feb. 23, 2011):</p>



U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	  <p data-bbox="613 1766 1390 1871"><i>See also</i> System Select – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31420 (visited Feb. 23, 2011):</p>

















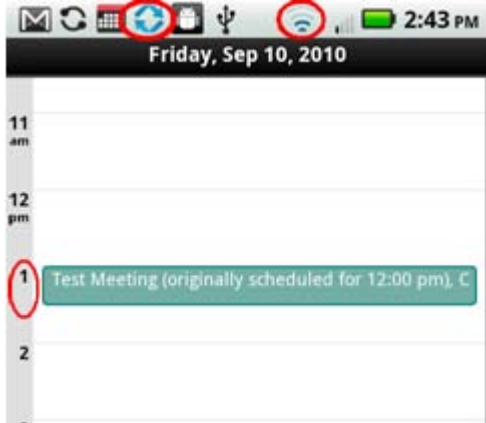
































U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices																																
																																	
<p>use the selected synchronization mechanism to synchronize the data item.</p>	<p>Each Accused Device uses the selected synchronization mechanism to synchronize data with the synchronization server.</p> <p><i>See, e.g., DROID 2 User Guide at 10; Screenshot 1.2; Screenshot 1.3, which show a successful synchronization using first a Wi-Fi synchronization mechanism and then a 3G synchronization mechanism.</i></p> <table border="1" data-bbox="673 1367 1333 1713"> <tbody> <tr> <td></td> <td>Bluetooth® active</td> <td></td> <td>network (full signal)</td> </tr> <tr> <td></td> <td>GPS active</td> <td></td> <td>network (roaming)</td> </tr> <tr> <td></td> <td>Wi-Fi® active</td> <td>3G</td> <td>3G (fastest data)</td> </tr> <tr> <td></td> <td>downloading</td> <td></td> <td>airplane mode</td> </tr> <tr> <td></td> <td>vibrate</td> <td></td> <td>sync active</td> </tr> <tr> <td></td> <td>silent</td> <td></td> <td>alarm set</td> </tr> <tr> <td></td> <td>mute call</td> <td></td> <td>battery (charging)</td> </tr> <tr> <td></td> <td>speakerphone active</td> <td></td> <td>battery (full charge)</td> </tr> </tbody> </table>		Bluetooth® active		network (full signal)		GPS active		network (roaming)		Wi-Fi® active	3G	3G (fastest data)		downloading		airplane mode		vibrate		sync active		silent		alarm set		mute call		battery (charging)		speakerphone active		battery (full charge)
	Bluetooth® active		network (full signal)																														
	GPS active		network (roaming)																														
	Wi-Fi® active	3G	3G (fastest data)																														
	downloading		airplane mode																														
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	silent		alarm set																														
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	speakerphone active		battery (full charge)																														


















































U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	 <p>Screenshot 1.2: synchronization taking place using a Wi-Fi synchronization mechanism</p>  <p>Screenshot 1.3: synchronization taking place using a 3G synchronization mechanism</p>
<p>2. A first computer system in a network that includes the first computer system having a first data store and second computer system having a second data store, the first computer system comprising one or more computer-readable media having computer-executable instructions for implementing a method for synchronizing the first and second data stores in a flexible manner considering the circumstances that exist at the time of</p>	<p>Each Accused Device, such as, for example, the DROID 2 or DROID X model, is a first computer system, that operates in a network. Such network includes at least each Accused Device and a second computer system, which can be, for example, an email or calendar server. Such email or calendar server can be, for example, a Microsoft Exchange Server, Gmail server, or Google calendar server.</p> <p>Each Accused Device has a first data store, which can be on-board memory (e.g., 8 GB in DROID 2 and DROID X), SD memory (e.g., 8 GB in DROID 2, or 2 GB in DROID X), SIM card, and/or other memory (e.g., removable memory) for storing data items such as email, calendar data and contact information. <i>See, e.g.,</i> DROID 2 by Motorola – Android Phone – Tech Specs, http://www.motorola.com/Consumers/US-EN/Consumer-</p>

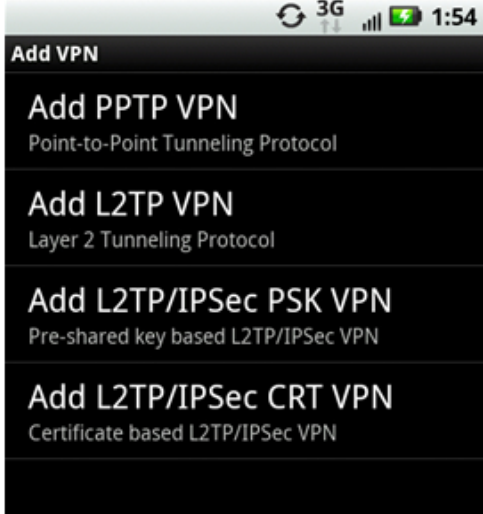
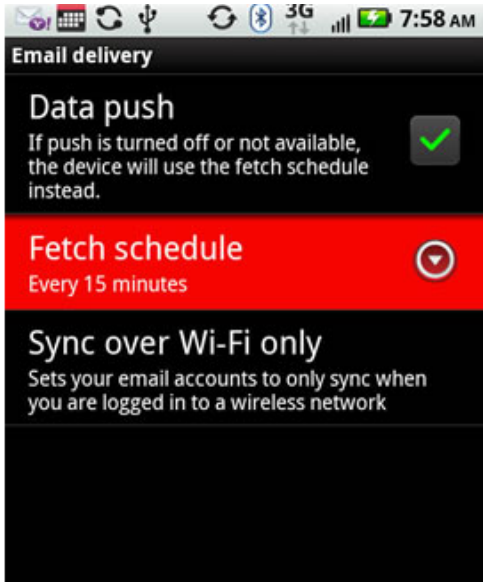
U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
synchronization, wherein the method comprises:	<p data-bbox="610 319 1370 386">Product-and-Services/Mobile-Phones/ci.Motorola-DROID-2-US-EN.alt (visited Feb. 16, 2011):</p> <div data-bbox="792 445 1198 999" style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;">  <p data-bbox="922 487 1149 520">TECHNOLOGY</p> <p data-bbox="799 592 1156 667">MEMORY³ up 8 GB on board, 8 GB microSD pre-installed, expandable up to 32 GB</p> <p data-bbox="799 684 961 735">PROCESSOR 1 GHz processor</p> <p data-bbox="799 751 987 802">ACCELEROMETER Yes</p> <p data-bbox="799 819 1123 869">NETWORKS⁴ CDMA 1X 800/1900, EVDO rev. A</p> <p data-bbox="799 886 1091 936">REMOVABLE MEMORY¹⁰ supports up to 32 GB microSD</p> <p data-bbox="799 953 1162 1003">SENSORS Proximity, ambient light and eCompass</p> </div> <p data-bbox="610 1020 1370 1197"><i>See also</i> DROID X by Motorola – Android phone – HD phone – Tech Specs, http://www.motorola.com/Consumers/US-EN/Consumer-Product-and-Services/Mobile-Phones/ci.Motorola-DROID-X-US-EN.alt (visited Feb. 16, 2011):</p> <div data-bbox="792 1243 1198 1747" style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;">  <p data-bbox="922 1285 1149 1318">TECHNOLOGY</p> <p data-bbox="799 1390 1156 1474">MEMORY³ up 8 GB on board, 2 GB microSD pre-installed</p> <p data-bbox="799 1486 1123 1537">NETWORKS⁴ CDMA 1X 800/1900, EVDO rev. A</p> <p data-bbox="799 1554 987 1604">ACCELEROMETER Yes</p> <p data-bbox="799 1621 1091 1671">REMOVABLE MEMORY³ supports up to 32 GB microSD</p> <p data-bbox="799 1688 1162 1738">SENSORS Proximity, ambient light and eCompass</p> </div> <p data-bbox="610 1772 1247 1873"><i>See also</i> DROID 2 User Guide at 59, http://www.motorola.com/staticfiles/Support/US-EN/Mobile%20Phones/DROID2/US-</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<p>EN/_Documents/Static_Files/DROID2_VZW_US-EN_UG_68000202881b.pdf (visited Feb. 16, 2011):</p> <p>Secure Personal Information—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.</p> <p>The second computer system (which can be, for example, an email or calendar server) has a second data store for storing data items such as email, calendar data and contact information.</p> <p>Each Accused Device comprises one or more computer-readable media, which can be on-board memory (e.g., 8 GB in DROID 2 and DROID X), SD memory (e.g., 8 GB in DROID 2, or 2 GB in DROID X), SIM card, and/or other memory (e.g., removable memory). This computer-readable media has computer-executable instructions (e.g., the Android 2.1 or 2.2 operating system) for implementing a method for synchronizing the calendar, email and contact information of the first data store of each Accused Device and second data store of the second computer system.</p> <p><i>See, e.g., DROID 2 by Motorola – Android Phone – Tech Specs:</i></p>

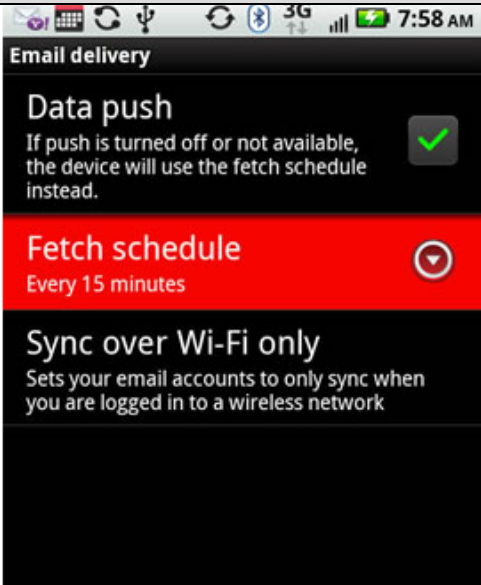
<p>U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p>Accused Devices</p>
	<div data-bbox="792 323 1203 457">  <p>CONNECTIVITY</p> </div> <div data-bbox="792 470 1182 579"> <p>BLUETOOTH® TECHNOLOGY⁵ Stereo Bluetooth Class 2, Version 2.1 + EDR (support profiles, A2DP, AVRCP, HFP, HID, HSP, OPP, PBAP)</p> </div> <div data-bbox="792 592 1182 726"> <p>WEB BROWSER Android HTML Webkit, Adobe® Flash® Player 10.1 Mobile browsing with a new processor and Verizon's 3G network</p> </div> <div data-bbox="792 739 1101 764"> <p>SOFTWARE UPDATES (FOTA)</p> </div> <div data-bbox="792 777 1195 911"> <p>SYNCHRONIZATION Support for Corporate calendar, email and contacts (Exchange 2003, 2007 and 2010), Google contacts, calendar and Gmail™, Facebook™ contacts</p> </div> <div data-bbox="792 924 925 978"> <p>WIFI 802.11 b,g, n</p> </div> <div data-bbox="792 991 1162 1045"> <p>WIRELESS LOCAL AREA NETWORK (WLAN)</p> </div> <p data-bbox="613 1050 1328 1121"><i>See also DROID X by Motorola – Android phone – HD phone – Tech Specs:</i></p> <div data-bbox="779 1129 1230 1264">  <p>CONNECTIVITY</p> </div> <div data-bbox="779 1276 1227 1386"> <p>BLUETOOTH® TECHNOLOGY⁵ Stereo Bluetooth Class 1.5, Version 2.1 + EDR (support profiles, A2DP, AVRCP, HFP, HID, HSP, OPP, PBAP)</p> </div> <div data-bbox="779 1398 1221 1512"> <p>WEB BROWSER Android HTML Webkit, Adobe® Flash® Player (available via software update late summer 2010)</p> </div> <div data-bbox="779 1524 1218 1638"> <p>SYNCHRONIZATION Support for Corporate calendar, email and contacts (Exchange 2003 and 2007), Google contacts, calendar and Gmail™ contacts</p> </div> <div data-bbox="779 1650 870 1705"> <p>WIFI 802.11 n</p> </div> <div data-bbox="779 1717 1221 1780"> <p>3G MOBILE HOTSPOT¹ Be a mobile hot spot for up to 5 other devices</p> </div> <div data-bbox="779 1793 948 1848"> <p>DATA ACCESS⁶ Yes</p> </div> <p data-bbox="613 1864 1318 1900">As set forth below, this synchronization of the first and</p>

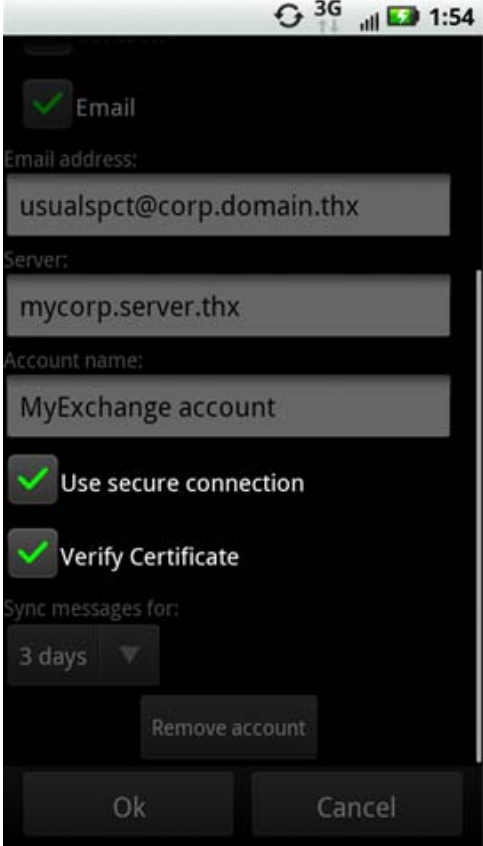
U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices																																
	second data stores is accomplished in a flexible manner considering the circumstances existing at the time of synchronization.																																
an act of the first computer system determining that a data item is to be synchronized;	<p>Each Accused Device determines that a data item (e.g., email, calendar data and contact information) is to be synchronized. <i>See, e.g., DROID 2 User Guide at 10; Screenshot 1:</i></p> <table border="1" data-bbox="672 640 1333 989"> <tr> <td></td> <td>Bluetooth® active</td> <td></td> <td>network (full signal)</td> </tr> <tr> <td></td> <td>GPS active</td> <td></td> <td>network (roaming)</td> </tr> <tr> <td></td> <td>Wi-Fi® active</td> <td></td> <td>3G (fastest data)</td> </tr> <tr> <td></td> <td>downloading</td> <td></td> <td>airplane mode</td> </tr> <tr> <td></td> <td>vibrate</td> <td></td> <td>sync active</td> </tr> <tr> <td></td> <td>silent</td> <td></td> <td>alarm set</td> </tr> <tr> <td></td> <td>mute call</td> <td></td> <td>battery (charging)</td> </tr> <tr> <td></td> <td>speakerphone active</td> <td></td> <td>battery (full charge)</td> </tr> </table>  <p>Screenshot 1: status icon indicates a synchronization is active – each Accused Device determined that a data item was to be synchronized</p> <p>Furthermore, each Accused Device can determine that a data item is to be synchronized by either "pushing " data or "fetching" data on a predetermined schedule.</p> <p>Also, each Accused Device will immediately determine that a data item is to be synchronized when a new item is created or an old item is edited.</p>		Bluetooth® active		network (full signal)		GPS active		network (roaming)		Wi-Fi® active		3G (fastest data)		downloading		airplane mode		vibrate		sync active		silent		alarm set		mute call		battery (charging)		speakerphone active		battery (full charge)
	Bluetooth® active		network (full signal)																														
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an act of the first computer	Each Accused Device identifies which of a plurality																																

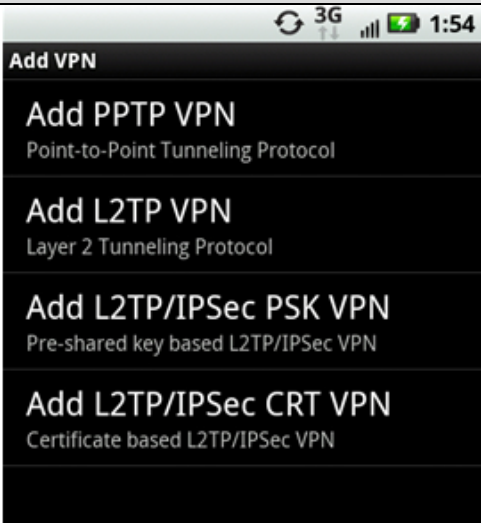
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices																																
<p>system identifying which of a plurality of synchronization mechanisms, including one or more hardwired or wireless communication connections, are available to use for synchronization;</p>	<p>synchronization mechanisms, including one or more hardwired or wireless communication connections, are available to use for synchronization.</p> <p>Such wireless communication connections for synchronization can be, for example, 3G, Wi-Fi, and Bluetooth connections. <i>See, e.g.</i>, DROID 2 User Guide at 10:</p> <table border="1" data-bbox="672 640 1333 989"> <tbody> <tr> <td></td> <td>Bluetooth® active</td> <td></td> <td>network (full signal)</td> </tr> <tr> <td></td> <td>GPS active</td> <td></td> <td>network (roaming)</td> </tr> <tr> <td></td> <td>Wi-Fi® active</td> <td></td> <td>3G (fastest data)</td> </tr> <tr> <td></td> <td>downloading</td> <td></td> <td>airplane mode</td> </tr> <tr> <td></td> <td>vibrate</td> <td></td> <td>sync active</td> </tr> <tr> <td></td> <td>silent</td> <td></td> <td>alarm set</td> </tr> <tr> <td></td> <td>mute call</td> <td></td> <td>battery (charging)</td> </tr> <tr> <td></td> <td>speakerphone active</td> <td></td> <td>battery (full charge)</td> </tr> </tbody> </table> <p>The hardwired communication connection can be, for example, a USB connection. <i>See, e.g.</i>, DROID 2 User Guide at 48:</p> <p>¹ With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone’s micro USB port to a USB port on your computer. Your phone should show  in the status bar.</p> <p>Other synchronization mechanisms can be “push” or “fetch.” For the former, the second computer system (for example, an email or calendar server, e.g., Microsoft Exchange Server, Gmail server, or Google calendar server) can “push” a data item (e.g., email, calendar data and contact information) to each Accused Device. For the latter, each Accused Device fetches a data item from the second computer system.</p> <p>Another synchronization mechanism can be a Virtual Private Network (VPN). <i>See, e.g.</i>, Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</p>		Bluetooth® active		network (full signal)		GPS active		network (roaming)		Wi-Fi® active		3G (fastest data)		downloading		airplane mode		vibrate		sync active		silent		alarm set		mute call		battery (charging)		speakerphone active		battery (full charge)
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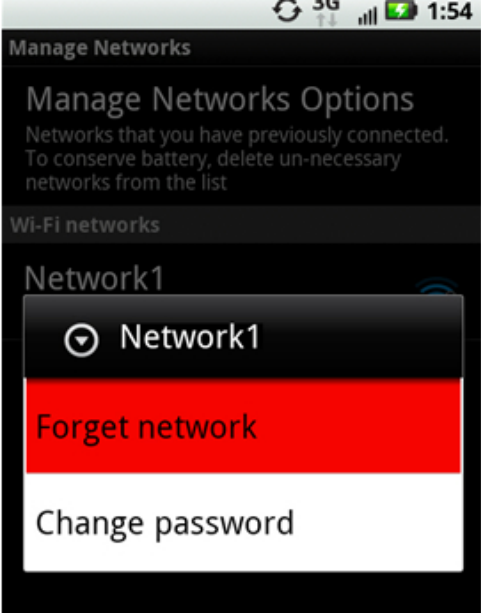
<p align="center">U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p align="center">Accused Devices</p>
	
<p>an act of the first computer system consulting a set of one or more flexible selection rules to select a synchronization mechanism, the set of one or more flexible rules taking into consideration value, from having access to synchronized data, relative to at least one of (i) an economic cost for synchronization using each available synchronization mechanism, (ii) network security for each available synchronization mechanism, (iii) security of the second computer system, or (iv) value of data being synchronized and thereby selecting an available synchronization mechanism appropriate for the data item given the one or more flexible selection rules; and</p>	<p>Each Accused Device consults a set of one or more flexible selection rules to select a synchronization mechanism (e.g., wireless 3G or Wi-Fi; hardwired USB; fetch or pull synchronization).</p> <p>Each Accused Device can be flexibly configured such that, for example, it synchronizes emails by fetch or push synchronization, whereas it synchronizes social applications only via Wi-Fi.</p> <p><i>See, e.g.,</i> Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):</p> 


U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
	<p>The set of one or more flexible rules takes into consideration value, from having access to synchronized data (e.g., email, calendar data and contact information), relative to at least one of (i) an economic cost for synchronization using each available synchronization mechanism (e.g., wireless 3G or Wi-Fi; hardwired USB; fetch or pull synchronization), (ii) network security for each available synchronization mechanism, (iii) security of the second computer system (for example, an email or calendar server, e.g., Microsoft Exchange Server, Gmail server, or Google calendar server), or (iv) value of data being synchronized and thereby selecting an available synchronization mechanism appropriate for the data item given the one or more flexible selection rules.</p> <p>For example, each Accused Device can fetch data on a pre-determined schedule, or the second computer system can automatically push data to each Accused Device, or. This is a flexible choice that takes into account at least the value of the data.</p> <p>As another example, each Accused Device can be flexibly configured to synchronize social applications only via a Wi-Fi mechanism, while email is set to be synchronized via "push" synchronization. Such flexible rule takes into account at least the value of the data and cost of synchronizing using the various synchronization mechanisms.</p> <p><i>See, e.g.,</i> Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):</p>

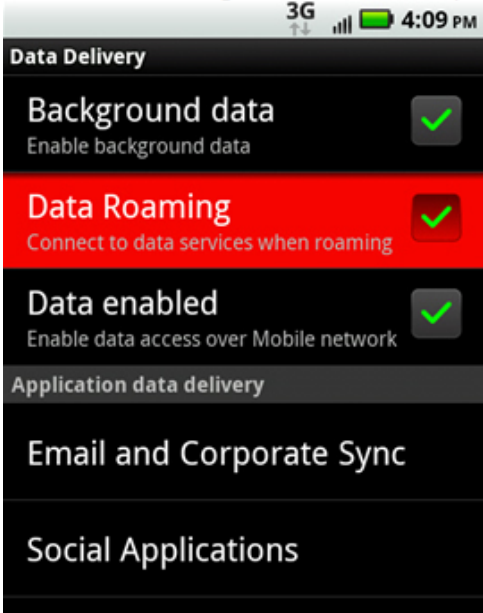
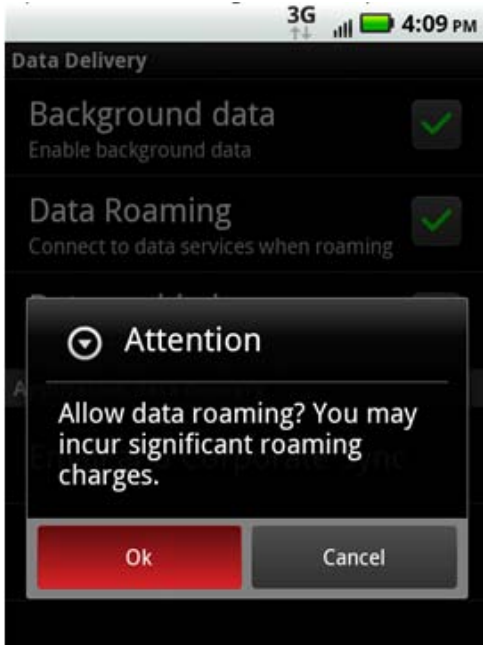
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 894 1357 1037">As yet another example, each Accused Device can be flexibly configured to use a secure connection when synchronizing email. This flexible rule takes into account the security of the synchronization mechanism.</p> <p data-bbox="613 1073 1398 1215"><i>See, e.g.,</i> Configure Corporate Email (Exchange ActiveSync) – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34193 (visited Feb. 16, 2011):</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 1241 1357 1415">As another example, each Accused Device can be flexibly configured to use a Virtual Private Network (VPN). Choosing to use a Virtual Private Network for synchronization is a rule that considers the security of the synchronization mechanism.</p> <p data-bbox="613 1461 1390 1598"><i>See, e.g.,</i> Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</p>

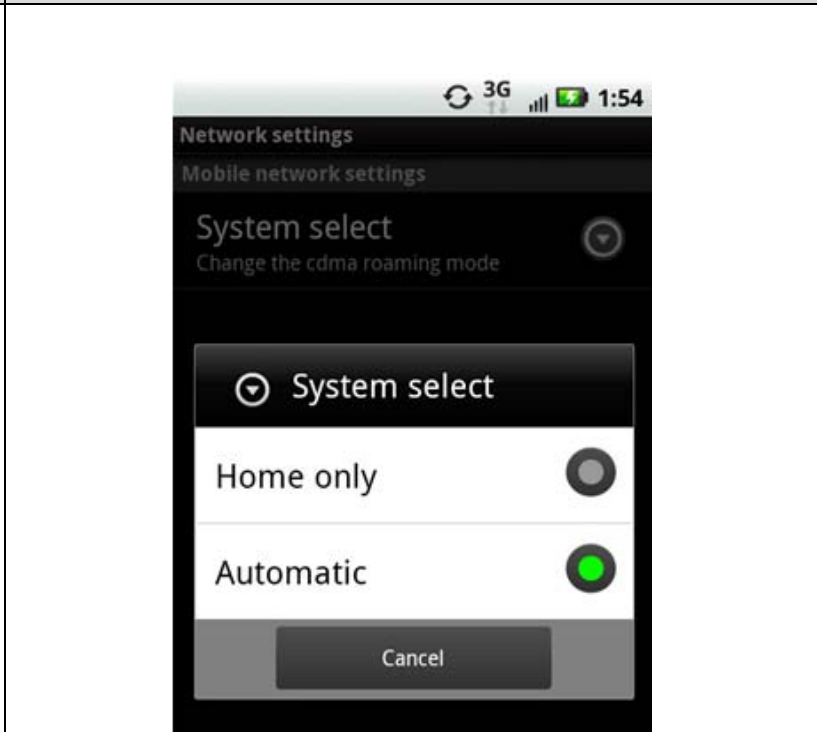
U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	 <p data-bbox="613 869 1365 1299">As still another example, each Accused Device can be flexibly configured to choose between a Wi-Fi mechanism and a 3G mechanism when synchronizing data. Each Accused Device uses a 3G mechanism until it is flexibly authorized to use a particular Wi-Fi mechanism. This rule considers the network security of unauthorized Wi-Fi mechanisms. Once one or more available Wi-Fi mechanisms have been authorized, each Accused Device prefers user-authorized Wi-Fi mechanisms to a 3G mechanism. This rule considers the economic cost due to the fact that using a Wi-Fi mechanism is less likely lead to additional user fees.</p> <p data-bbox="613 1346 1138 1377"><i>See, e.g., DROID 2 User Guide at 35-36:</i></p> <p data-bbox="721 1419 834 1446">Connect</p> <p data-bbox="721 1457 1284 1535">Your phone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.</p> <p data-bbox="727 1587 1284 1644">Note: Your service provider may charge to surf the Web or download data.</p> <p data-bbox="613 1654 1084 1686"><i>See also DROID 2 User Guide at 46:</i></p> <p data-bbox="727 1728 1263 1801">Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.</p> <p data-bbox="613 1814 1398 1883">Each Accused Device can be flexibly configured to remove a particular Wi-Fi mechanism from the list of authorized Wi-</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	<p>Fi mechanisms, and each Accused Device will thereafter prefer a 3G mechanism to the de-authorized Wi-Fi mechanism. This can be done by selecting "Forget network" from the "Manage Networks" settings screen.</p> <p><i>See, e.g.,</i> Remove WiFi Connection – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=34876 (visited Feb. 16, 2011):</p>  <p>Alternatively, each Accused Device can flexibly override the preference for <i>all</i> user-authorized Wi-Fi mechanisms by clearing the "Wi-Fi" checkbox on the "Wireless and network settings" screen. This will result in each Accused Device preferring a 3G mechanism to all Wi-Fi mechanisms, including user-authorized Wi-Fi mechanisms.</p> <p><i>See, e.g.,</i> WiFi On/Off – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31315 (visited Feb. 16, 2011):</p>

U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
	 <p>As another example, each Accused Device can be flexibly configured to allow "roaming," or alternatively to allow synchronizations only using the "home" carrier's synchronization mechanisms. This flexible rule considers the cost of synchronizing using the various synchronization mechanisms.</p> <p><i>See, e.g.,</i> Data Roaming – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=33954 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	  <p data-bbox="613 1766 1390 1871"><i>See also</i> System Select – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31420 (visited Feb. 23, 2011):</p>

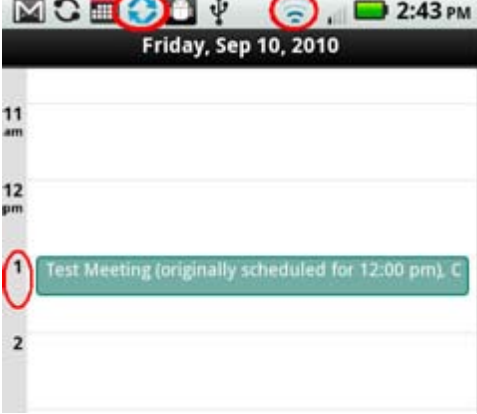
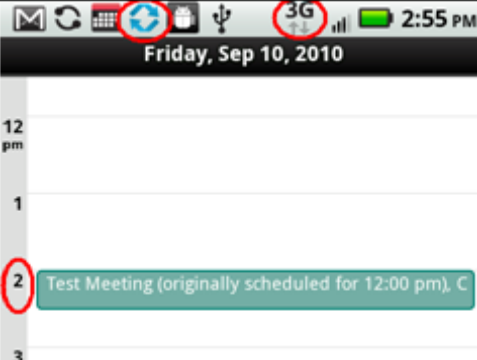
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
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an act of the first computer system using the selected synchronization mechanism to synchronize the data item with the second computer.

















































Each Accused Device uses the selected synchronization mechanism to synchronize data with the second computer.
See, e.g., DROID 2 User Guide at 10; Screenshot 2; Screenshot 3, which show a successful synchronization using first a Wi-Fi synchronization mechanism and then a 3G synchronization mechanism.

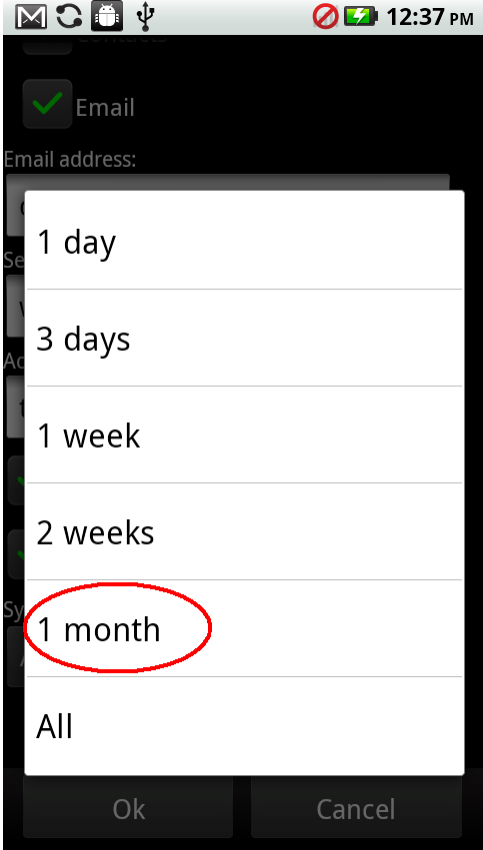
	Bluetooth® active		network (full signal)
	GPS active		network (roaming)
	Wi-Fi® active	3G	3G (fastest data)
	downloading		airplane mode
	vibrate		sync active
	silent		alarm set
	mute call		battery (charging)
	speakerphone active		battery (full charge)

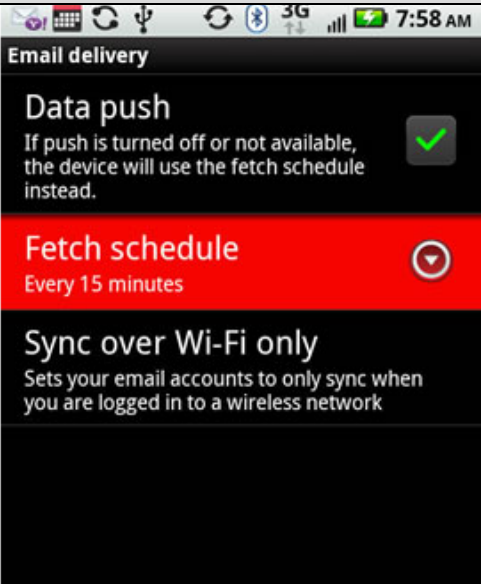
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p>Screenshot 2: synchronization taking place using a Wi-Fi synchronization mechanism</p>  <p>Screenshot 3: synchronization taking place using a 3G synchronization mechanism</p>
<p>4. A computer system in accordance with claim 2, wherein the first computer system is a mobile device, and the second computer system is a synchronization server.</p>	<p>Each Accused Device, such as, for example, the DROID 2 or DROID X model, is a mobile device and operates in a network in which the second computer system is a synchronization server, such as, for example a Microsoft Exchange Server, Gmail server, or Google calendar server.</p>
<p>5. A computer system in accordance with claim 4, wherein the act of the first computer system determining that a data item is to be synchronized comprises the following: an act of the mobile device determining on its own that the data item is to be</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can each determine on its down that a data item is to be synchronized.</p> <p>For example, each Accused Device can determine that a data item is to be synchronized by "fetching" data on a predetermined schedule.</p> <p>Also, each Accused Device will immediately determine that</p>

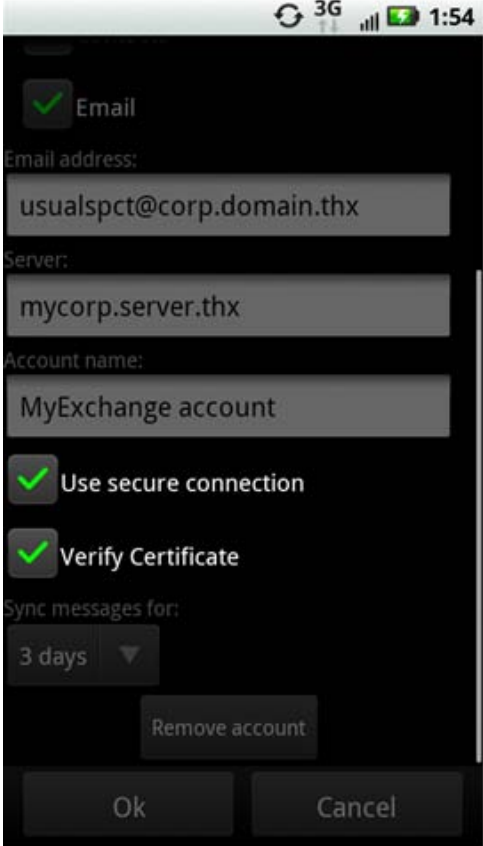
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
synchronized.	a data item is to be synchronized when a new item is created or an old item is edited.
<p>6. A computer system in accordance with claim 4, wherein the act of the first computer system determining that a data item is to be synchronized comprises the following: an act of the mobile device receiving a user-issued instruction to synchronize the data item.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can each determine that a data item is to be synchronized by receiving a user-issued instruction to synchronize the data item.</p> <p>For example, each Accused Device can receive a user-issued instruction to "sync now." <i>See, e.g.</i> Google Synchronization, https://motorola-global-portal.custhelp.com/app/answers/detail/a_id/51167/~/droid-2---google-synchronization (visited March 24, 2011); Gmail Synchronization – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited March 25, 2011):</p> <p>To adjust synchronization of Google account(s):</p> <ol style="list-style-type: none"> 1. Open the Applications tray 2. Select My Accounts 3. Tap on the Google account you wish to adjust 4. You will be able to check or uncheck the syncing of Gmail, Calendar, and Contacts 5. Press Menu button, Tap on Sync Now to sync all checked Google applications.

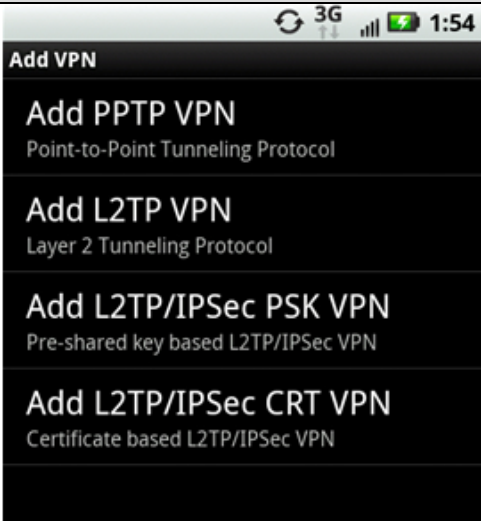
<p align="center">U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p align="center">Accused Devices</p>
	
<p>7. A computer system in accordance with claim 4, wherein the act of the first computer system determining that a data item is to be synchronized comprises the following: an act of the mobile device receiving a signal from the synchronization server that represents to the mobile device that the data item is to be synchronized.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can each determine that a data item is to be synchronized by receiving a signal from the synchronization server that represents to the mobile device that the data item is to be synchronized.</p> <p>For example, each Accused Device can determine that a data item is to be synchronized by receiving a signal from the synchronization server comprising a data "push" operation.</p>

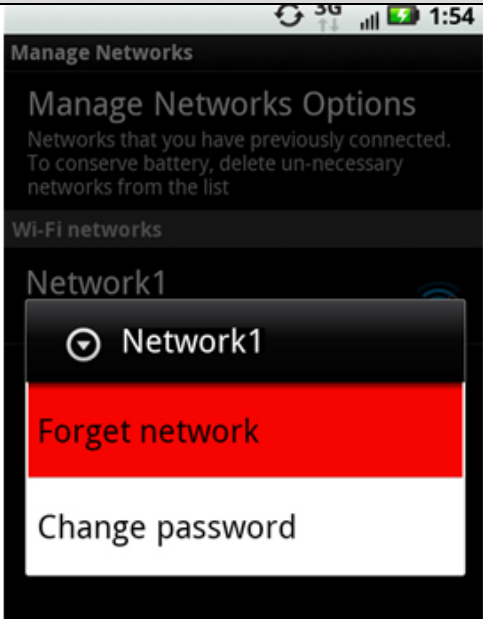
U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices																																
<p>8. A computer system in accordance with claim 2, wherein the plurality of synchronization mechanisms comprises at least one wireless synchronization mechanism.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can synchronize using a plurality of synchronization mechanisms comprising at least one wireless synchronization mechanism.</p> <p>Such wireless synchronization mechanisms include, for example, 3G, Wi-Fi, and Bluetooth mechanisms. <i>See, e.g., DROID 2 User Guide at 10:</i></p> <table border="1" data-bbox="673 640 1333 987"> <tbody> <tr> <td></td> <td>Bluetooth® active</td> <td></td> <td>network (full signal)</td> </tr> <tr> <td></td> <td>GPS active</td> <td></td> <td>network (roaming)</td> </tr> <tr> <td></td> <td>Wi-Fi® active</td> <td></td> <td>3G (fastest data)</td> </tr> <tr> <td></td> <td>downloading</td> <td></td> <td>airplane mode</td> </tr> <tr> <td></td> <td>vibrate</td> <td></td> <td>sync active</td> </tr> <tr> <td></td> <td>silent</td> <td></td> <td>alarm set</td> </tr> <tr> <td></td> <td>mute call</td> <td></td> <td>battery (charging)</td> </tr> <tr> <td></td> <td>speakerphone active</td> <td></td> <td>battery (full charge)</td> </tr> </tbody> </table>		Bluetooth® active		network (full signal)		GPS active		network (roaming)		Wi-Fi® active		3G (fastest data)		downloading		airplane mode		vibrate		sync active		silent		alarm set		mute call		battery (charging)		speakerphone active		battery (full charge)
	Bluetooth® active		network (full signal)																														
	GPS active		network (roaming)																														
	Wi-Fi® active		3G (fastest data)																														
	downloading		airplane mode																														
	vibrate		sync active																														
	silent		alarm set																														
	mute call		battery (charging)																														
	speakerphone active		battery (full charge)																														
<p>10. A computer system in accordance with claim 2, wherein the method further comprises the following: an act of receiving instructions to change the set of flexible selection rules; and an act of changing the set of selection rules in response to the instruction.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can receive instructions to change the set of flexible rules and can change the set of flexible rules in response to the instruction.</p> <p>For example, each Accused Device can receive an instruction to change the set of flexible selection rules such that emails are only synchronized if they are more recent than one day, two days, three days, one week, two weeks, or one month old; or so that emails are synchronized without such a restraint. Each Accused Device can change the set of selection rules in response to such instruction. <i>See Screenshot 10.1.</i></p>																																


U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
	 <p>Screenshot 10.1: receiving an instruction to change the flexible rule that dictates the age of emails that are synchronized</p> <p>As another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that social applications synchronize only via a Wi-Fi mechanism, while email is set to be synchronized via "push" synchronization. Alternatively, each Accused Device can receive an instruction to change the set of flexible selection rules such that social applications are not restricted in this way. Either way, each Accused Device can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):</p>

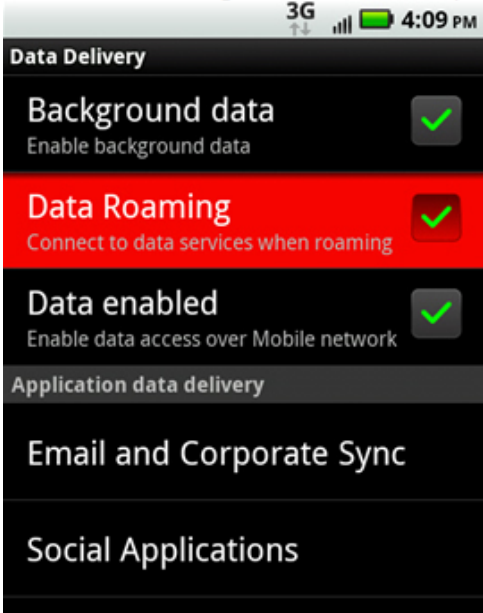
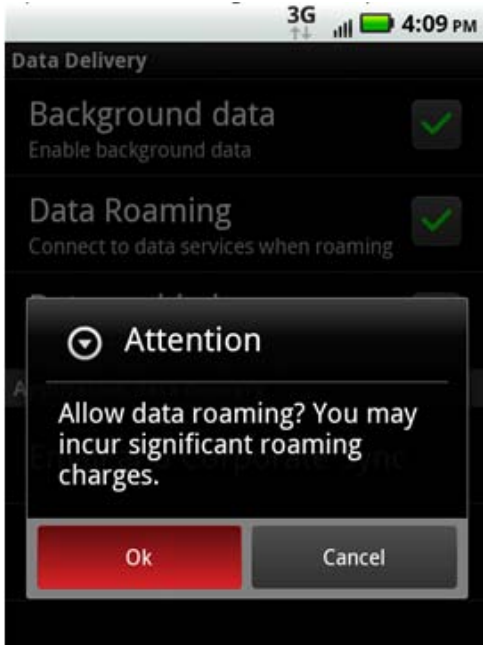
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 894 1396 1073">As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use, a secure connection when synchronizing email, and can change the set of flexible selection rules in response to the instruction.</p> <p data-bbox="613 1108 1396 1251"><i>See, e.g.,</i> Configure Corporate Email (Exchange ActiveSync) – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34193 (visited Feb. 16, 2011):</p>

U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
	 <p>As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use a Virtual Private Network (VPN), and can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</p>

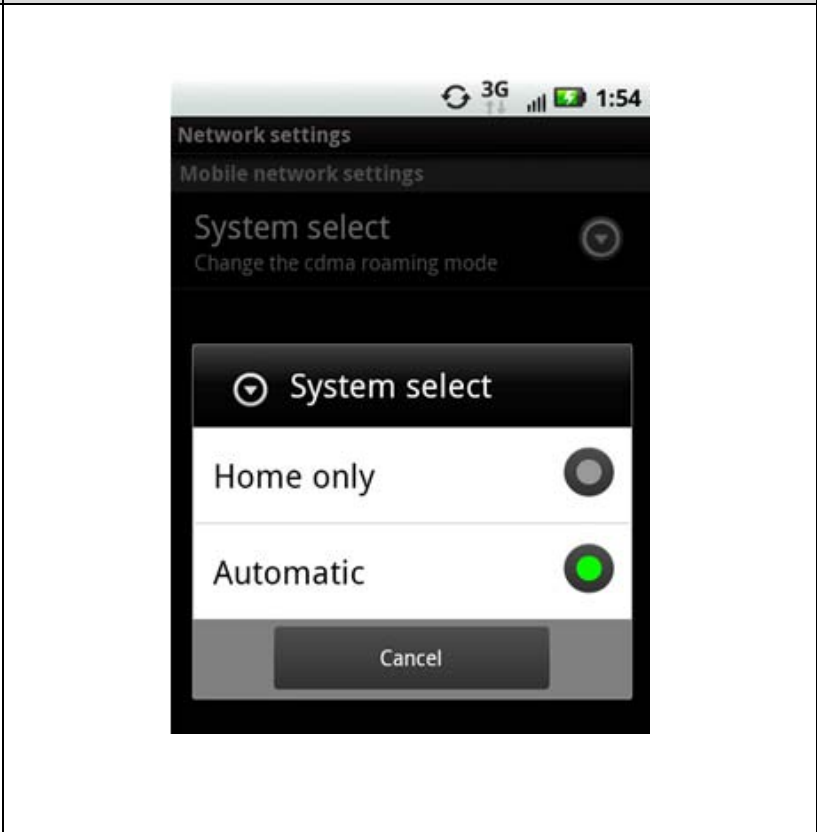
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p>As still another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use Wi-Fi synchronization mechanisms and can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g., DROID 2 User Guide at 35-36:</i></p> <p>Connect Your phone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.</p> <p>Note: Your service provider may charge to surf the Web or download data.</p> <p><i>See also DROID 2 User Guide at 46:</i></p> <p>Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you’ve connected to before.</p> <p><i>See also, Remove WiFi Connection – Motorola Droid 2 (A955),</i> http://support.vzw.com/clc/devices/knowledge_base.html?id=34876 (visited Feb. 16, 2011):</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 1003 1390 1108"><i>See also, WiFi On/Off – Motorola Droid 2 (A955),</i> http://support.vzw.com/clc/devices/knowledge_base.html?id=31315 (visited Feb. 16, 2011):</p>

U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
	 <p>As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device allows, or does not allow, "roaming," or alternatively to allow, or not allow, synchronizations only using the "home" carrier's synchronization mechanisms. Each Accused Device can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Data Roaming – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=33954 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	  <p data-bbox="613 1766 1390 1871"><i>See also</i> System Select – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31420 (visited Feb. 23, 2011):</p>

<p align="center">U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p align="center">Accused Devices</p>
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11. A first computer system in a network that includes the first computer system having a first data store and second computer system having a second data store, the first computer system comprising one or more computer-readable media having computer-executable instructions for implementing a method for synchronizing the first and second data stores in a flexible manner considering the circumstances that exist at the time of synchronization, wherein the method comprises the following:


Each Accused Device, such as, for example, the DROID 2 and DROID X models, is a first computer system in a network that includes at least each Accused Device and a second computer system, which can be, for example, an email or calendar server. Such email or calendar server can be, for example, a Microsoft Exchange server, Gmail server, or Google calendar server.

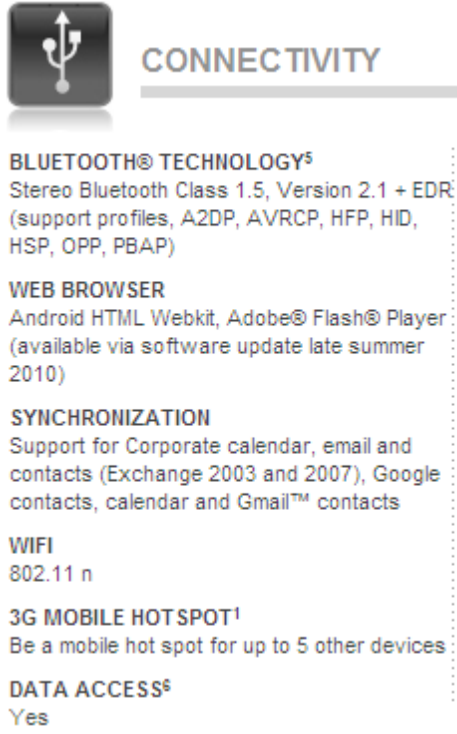
Each Accused Device has a first data store, which can be on-board memory (e.g., 8 GB in DROID 2 and DROID X), SD memory (e.g., 8 GB in DROID 2, or 2 GB in DROID X), SIM card, and/or other memory (e.g., removable memory) for storing data items such as email, calendar data and contact information.

See, e.g., DROID 2 by Motorola – Android Phone – Tech Specs, <http://www.motorola.com/Consumers/US->

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<p data-bbox="610 319 1364 420">EN/Consumer-Product-and-Services/Mobile-Phones/ci.Motorola-DROID-2-US-EN.alt (visited Feb. 16, 2011):</p> <div data-bbox="792 546 1201 672" style="text-align: center;">  <p data-bbox="922 588 1149 621">TECHNOLOGY</p> </div> <p data-bbox="799 697 1156 772">MEMORY⁹ up 8 GB on board, 8 GB microSD pre-installed, expandable up to 32 GB</p> <p data-bbox="799 789 961 840">PROCESSOR 1 GHz processor</p> <p data-bbox="799 856 987 907">ACCELEROMETER Yes</p> <p data-bbox="799 924 1123 974">NETWORKS⁴ CDMA 1X 800/1900, EVDO rev. A</p> <p data-bbox="799 991 1091 1041">REMOVABLE MEMORY¹⁰ supports up to 32 GB microSD</p> <p data-bbox="799 1058 1162 1108">SENSORS Proximity, ambient light and eCompass</p> <p data-bbox="610 1192 1377 1369"><i>See also DROID X by Motorola – Android phone – HD phone – Tech Specs, http://www.motorola.com/Consumers/US-EN/Consumer-Product-and-Services/Mobile-Phones/ci.Motorola-DROID-X-US-EN.alt (visited Feb. 16, 2011):</i></p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<div data-bbox="787 325 1198 451" style="text-align: center;">  TECHNOLOGY </div> <div data-bbox="787 472 1242 850" style="border: 1px solid gray; padding: 10px; margin: 10px auto; width: 80%;"> <p>MEMORY³ up to 8 GB on board, 2 GB microSD pre-installed</p> <p>NETWORKS⁴ CDMA 1X 800/1900, EVDO rev. A</p> <p>ACCELEROMETER Yes</p> <p>REMOVABLE MEMORY³ supports up to 32 GB microSD</p> <p>SENSORS Proximity, ambient light and eCompass</p> </div> <p data-bbox="613 924 1282 1102"><i>See also DROID 2 User Guide at 59, http://www.motorola.com/staticfiles/Support/US-EN/Mobile%20Phones/DROID2/US-EN/_Documents/Static_Files/DROID2_VZW_US-EN_UG_68000202881b.pdf (visited Feb. 16, 2011):</i></p> <p data-bbox="613 1207 1388 1375">Secure Personal Information—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.</p> <p data-bbox="613 1449 1388 1585">The second computer system (which can be, for example, an email or calendar server) has a second data store for storing data items such as email, calendar data and contact information.</p> <p data-bbox="613 1690 1388 1869">Each Accused Device comprises one or more computer-readable media, which can be on-board memory (e.g., 8 GB in DROID 2 and DROID X), SD memory (e.g., 8 GB in DROID 2, or 2 GB in DROID X), SIM card, and/or other memory (e.g., removable memory). This computer-readable</p>

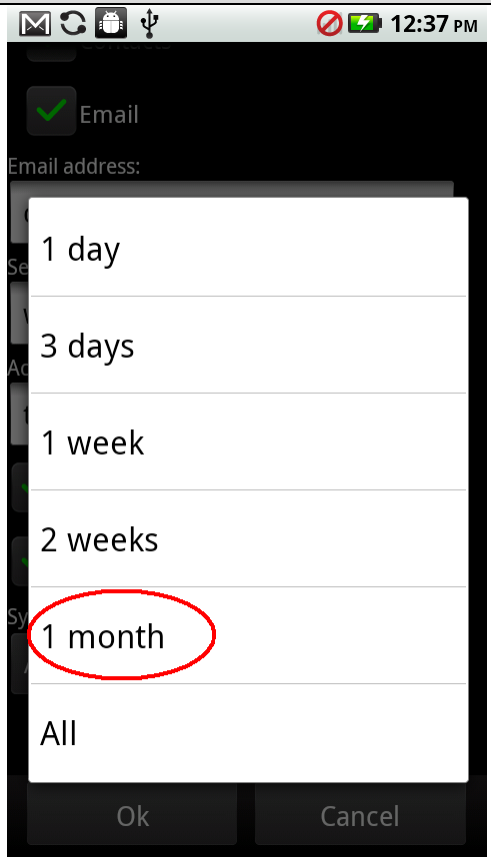
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<p>media has computer-executable instructions (including, but not limited to, the Android operating system), for implementing a method for synchronizing the calendar, email, and contact information of the first data store of each Accused Device and second data store of the second computer system. <i>See, e.g.</i>, DROID 2 by Motorola – Android Phone – Tech Specs:</p> <div data-bbox="792 611 1203 737" style="text-align: center;">  CONNECTIVITY </div> <p>BLUETOOTH® TECHNOLOGY⁵ Stereo Bluetooth Class 2, Version 2.1 + EDR (support profiles, A2DP, AVRCP, HFP, HID, HSP, OPP, PBAP)</p> <p>WEB BROWSER Android HTML Webkit, Adobe® Flash® Player 10.1 Mobile browsing with a new processor and Verizon’s 3G network</p> <p>SOFTWARE UPDATES (FOTA)</p> <p>SYNCHRONIZATION Support for Corporate calendar, email and contacts (Exchange 2003, 2007 and 2010), Google contacts, calendar and Gmail™, Facebook™ contacts</p> <p>WIFI 802.11 b,g, n</p> <p>WIRELESS LOCAL AREA NETWORK (WLAN)</p> <p><i>See also</i> DROID X by Motorola – Android phone – HD phone – Tech Specs:</p>

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	 <p>As set forth below, this synchronization of the first and second data stores is accomplished in a flexible manner considering the circumstances existing at the time of synchronization.</p>
<p>an act of the first computer system determining whether to synchronize a data item by consulting a set of one or more flexible selection rules, the set of one or more flexible rules taking into consideration value, from having access to synchronized data, relative to at least one of (i) an economic cost for synchronization using each available synchronization mechanism, (ii) network security for each available synchronization mechanism, (iii) security of the second</p>	<p>Each Accused Device determines whether to synchronize a data item (e.g., email, calendar data and contact information) by consulting a set of one or more flexible selection rules.</p> <p>For example, each Accused Device consults a flexible selection rule to determine whether to synchronize an email message based on the age of the email. <i>See</i> Screenshots 1-3.</p>

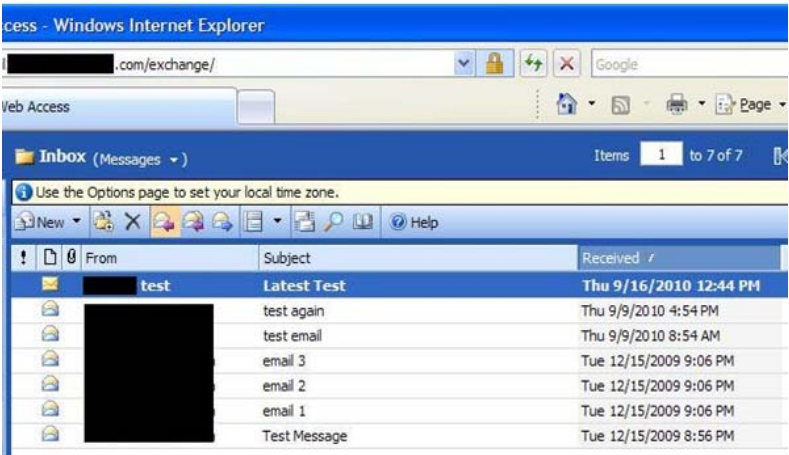
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(‘130 Patent)**

computer system, or (iv) value of data being synchronized, and thereby also determining an available synchronization mechanism appropriate for the data item given the one or more flexible selection rules; and

Accused Devices



Screenshot 1: a flexible rule dictates that only emails from the past month should be synchronized

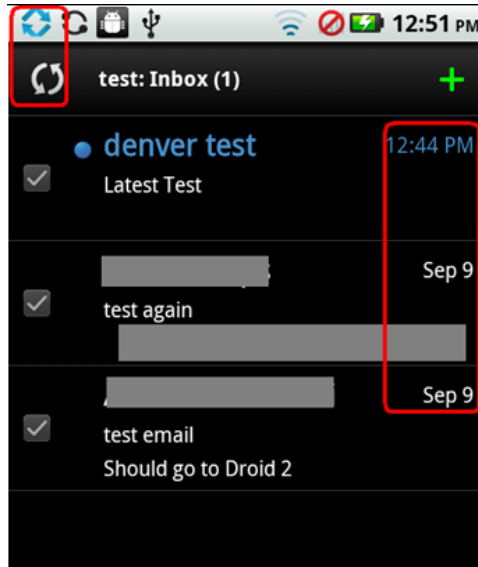


Screenshot 2: the second data store contains 7 emails, but

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only 3 are from the past month

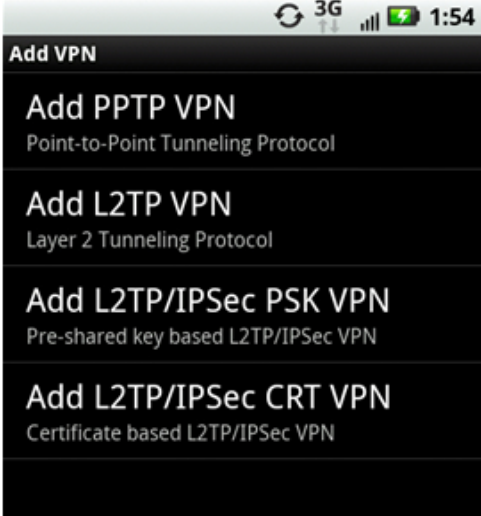


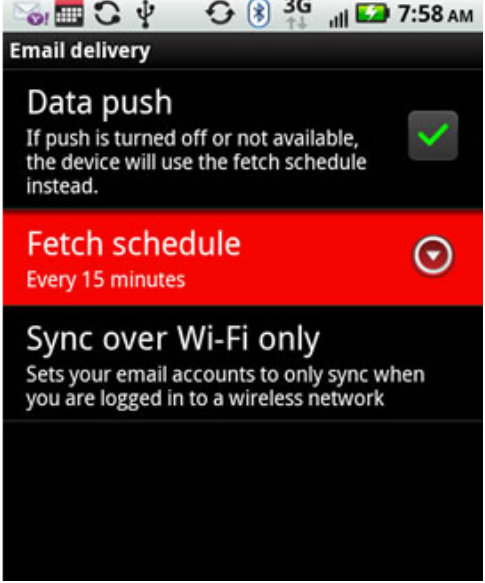
Screenshot 3: only the 3 emails from the past month are synchronized to each Accused Device's first data store

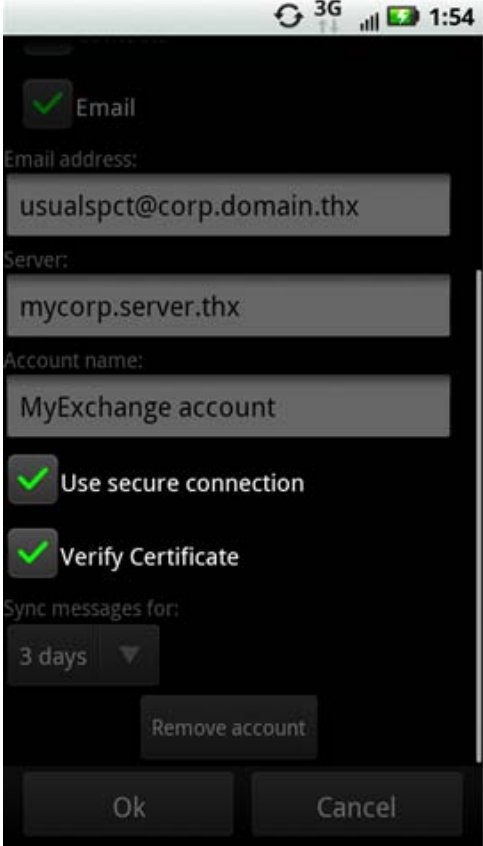
Various synchronization mechanisms may be available to use for synchronization by each Accused Device. Such synchronization mechanisms can include wireless and hardwired communication connections.

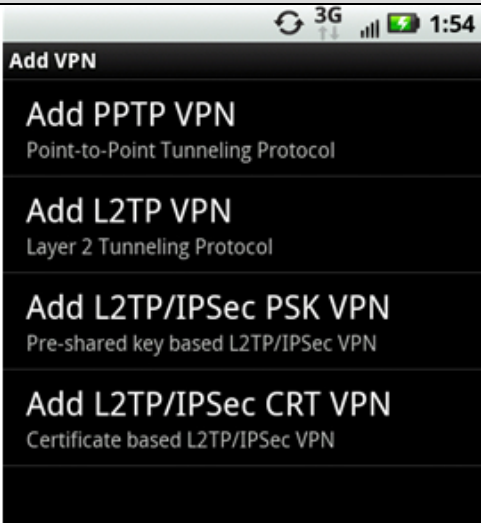
Wireless communication connections for synchronization can be, for example, 3G, Wi-Fi, and Bluetooth connections. *See, e.g., DROID 2 User Guide at 10:*

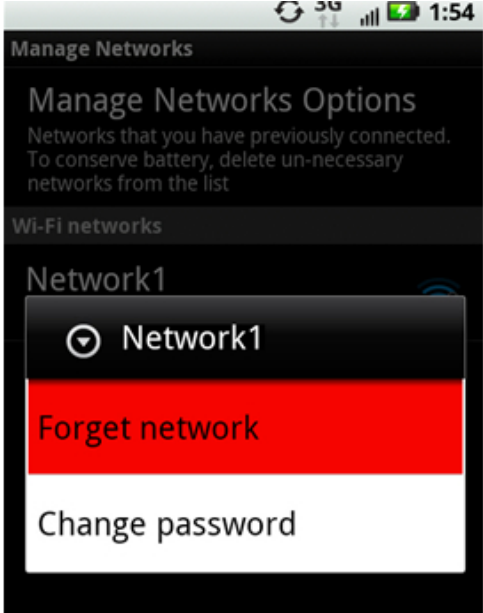
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	 Bluetooth® active		network (full signal)	
	 GPS active		network (roaming)	
	 Wi-Fi® active	3G	3G (fastest data)	
	 downloading		airplane mode	
	 vibrate		sync active	
	 silent		alarm set	
	 mute call		battery (charging)	
	 speakerphone active		battery (full charge)	
	<p>The hardwired communication connection can be, for example, a USB connection. <i>See, e.g., DROID 2 User Guide at 48:</i></p>			
	<p>1 With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone’s micro USB port to a USB port on your computer. Your phone should show  in the status bar.</p>			
<p>Other synchronization mechanisms can be “push” or “fetch.” For the former, the second computer system (for example, an email or calendar server, e.g., Microsoft Exchange Server, Gmail server, or Google calendar server) can “push” a data item (e.g., email, calendar data and contact information) to each Accused Device. For the latter, each Accused Device fetches a data item from the second computer system.</p>				
<p>Another synchronization mechanism can be a Virtual Private Network (VPN). <i>See, e.g., Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</i></p>				


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	 <p>The set of one or more flexible rules takes into consideration value, from having access to synchronized data (e.g., email, calendar data and contact information), relative to at least one of (i) an economic cost for synchronization using each available synchronization mechanism (e.g., wireless 3G or Wi-Fi; hardwired USB; fetch or pull synchronization), (ii) network security for each available synchronization mechanism, (iii) security of the second computer system (for example, an email or calendar server, e.g., Microsoft Exchange Server, Gmail server, or Google calendar server), or (iv) value of data being synchronized and thereby selecting an available synchronization mechanism appropriate for the data item given the one or more flexible selection rules.</p> <p>For example, each Accused Device can fetch data on a pre-determined schedule, or the second computer system can automatically push data to each Accused Device. This is a flexible choice that takes into account at least the value of the data.</p> <p>As another example, each Accused Device can be flexibly configured to synchronize social applications only via a Wi-</p>

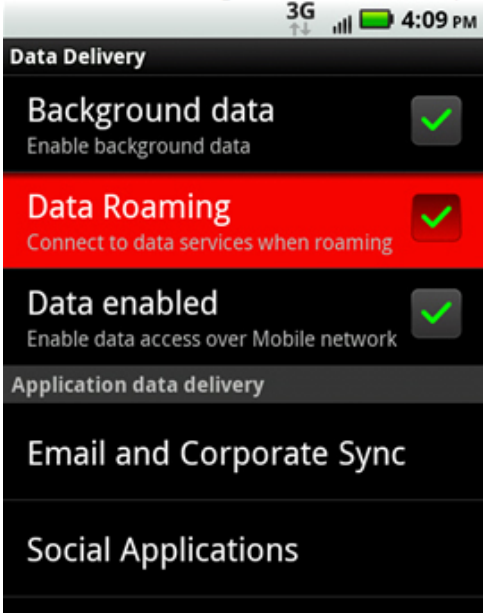
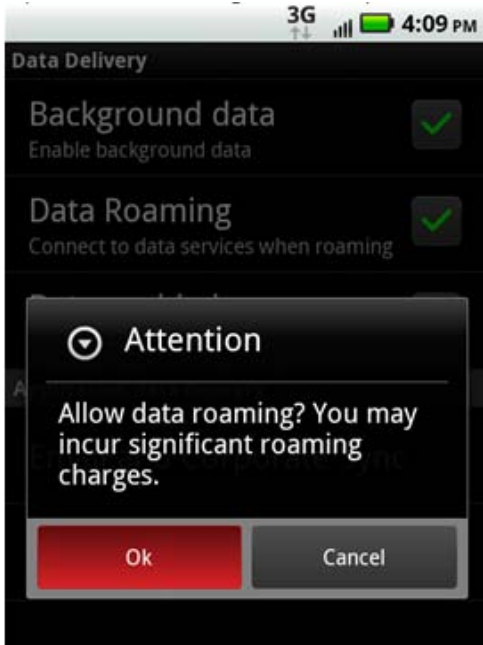
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<p>Fi mechanism, while email is set to be synchronized via "push" synchronization. Such flexible rule takes into account at least the value of the data and cost of synchronizing using the various synchronization mechanisms.</p> <p><i>See, e.g.,</i> Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):</p>  <p>As yet another example, each Accused Device can be flexibly configured to use a secure connection when synchronizing email. This flexible rule takes into account the security of the synchronization mechanism.</p> <p><i>See, e.g.,</i> Configure Corporate Email (Exchange ActiveSync) – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34193 (visited Feb. 16, 2011):</p>

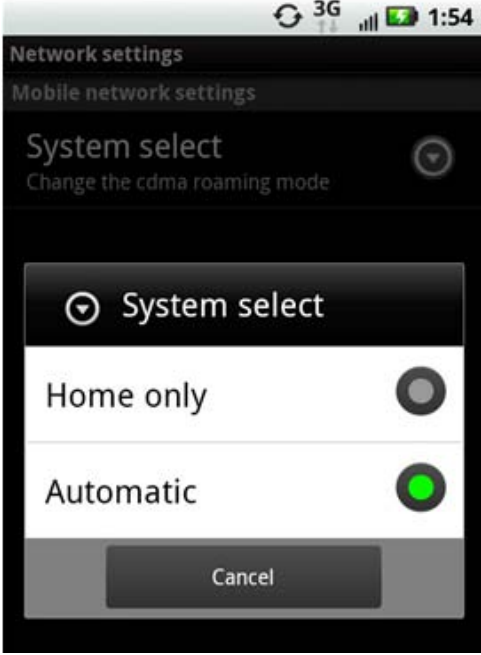
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 1234 1357 1409">As another example, each Accused Device can be flexibly configured to use a Virtual Private Network (VPN). Choosing to use a Virtual Private Network for synchronization is a rule that considers the security of the synchronization mechanism.</p> <p data-bbox="613 1455 1390 1591"><i>See, e.g.,</i> Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	 <p>As still another example, each Accused Device can be flexibly configured to choose between a Wi-Fi mechanism and a 3G mechanism when synchronizing data. Each Accused Device uses a 3G mechanism until it is flexibly authorized to use a particular Wi-Fi mechanism. This rule considers the network security of unauthorized Wi-Fi mechanisms. Once one or more available Wi-Fi mechanisms have been authorized, each Accused Device prefers user-authorized Wi-Fi mechanisms to a 3G mechanism. This rule considers the economic cost due to the fact that using a Wi-Fi mechanism is less likely lead to additional user fees.</p> <p><i>See, e.g., DROID 2 User Guide at 35-36:</i></p> <p>Connect Your phone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.</p> <p>Note: Your service provider may charge to surf the Web or download data.</p> <p><i>See also DROID 2 User Guide at 46:</i></p> <p>Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.</p> <p>Each Accused Device can be flexibly configured to remove a particular Wi-Fi mechanism from the list of authorized Wi-</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	<p>Fi mechanisms, and each Accused Device will thereafter prefer a 3G mechanism to the de-authorized Wi-Fi mechanism. This can be done by selecting "Forget network" from the "Manage Networks" settings screen.</p> <p><i>See, e.g.,</i> Remove WiFi Connection – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=34876 (visited Feb. 16, 2011):</p>  <p>Alternatively, each Accused Device can flexibly override the preference for <i>all</i> user-authorized Wi-Fi mechanisms by clearing the "Wi-Fi" checkbox on the "Wireless and network settings" screen. This will result in each Accused Device preferring a 3G mechanism to all Wi-Fi mechanisms, including user-authorized Wi-Fi mechanisms.</p> <p><i>See, e.g.,</i> WiFi On/Off – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31315 (visited Feb. 16, 2011):</p>


U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 1161 1373 1373">As another example, each Accused Device can be flexibly configured to allow "roaming," or alternatively to allow synchronizations only using the "home" carrier's synchronization mechanisms. This flexible rule considers the cost of synchronizing using the various synchronization mechanisms.</p> <p data-bbox="613 1482 1386 1583"><i>See, e.g.,</i> Data Roaming – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=33954 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	  <p data-bbox="613 1766 1390 1871"><i>See also</i> System Select – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31420 (visited Feb. 23, 2011):</p>

<p>U.S. Patent No. 7,493,130 ('130 Patent)</p>	<p>Accused Devices</p>
	
<p>an act of the first computer system synchronizing the data item with the second computer if the first computer system determines that the data item is to be synchronized based on the one or more flexible selection rules and each available synchronization mechanism, including one or more hardwired or wireless communication connections.</p>	<p>Each Accused Device synchronizes the data item (e.g., email, calendar data and contact information) with the second computer (for example, an email or calendar server, e.g., Microsoft Exchange Server, Gmail server, or Google calendar server) if the first computer system (e.g., Motorola Android smartphone) determines that the data item is to be synchronized based on the one or more flexible selection rules and each available synchronization mechanism, including one or more hardwired or wireless communication connections.</p> <p>The wireless communication connections for synchronization can be, for example, 3G, Wi-Fi, and Bluetooth connections. <i>See, e.g., DROID 2 User Guide at 10:</i></p>

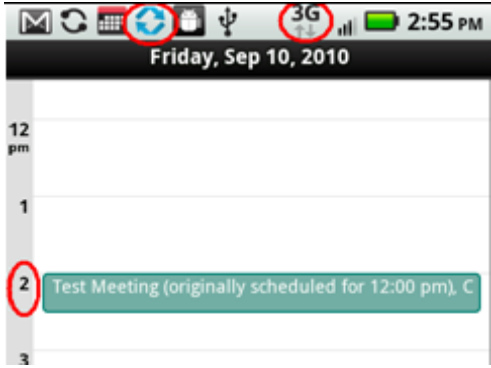
U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices			
		Bluetooth® active		network (full signal)
		GPS active		network (roaming)
		Wi-Fi® active	3G	3G (fastest data)
		downloading		airplane mode
		vibrate		sync active
		silent		alarm set
		mute call		battery (charging)
		speakerphone active		battery (full charge)

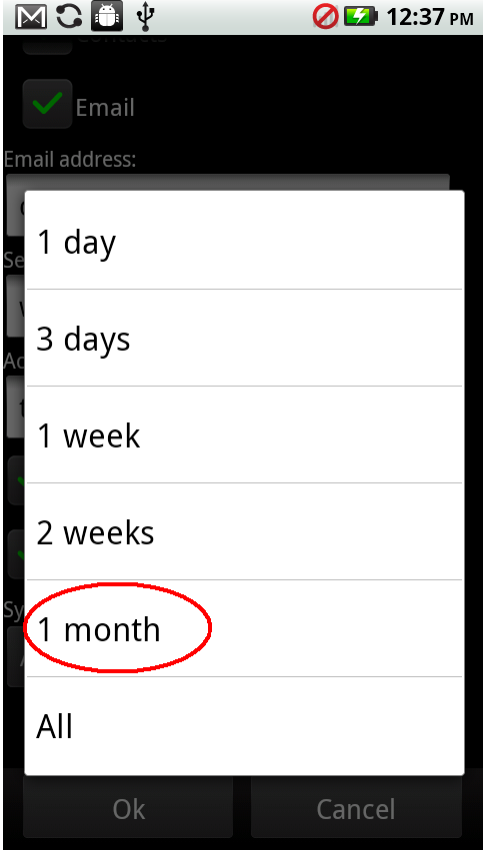
The hardwired communication connection can be, for example, a USB connection. *See, e.g., DROID 2 User Guide at 48:*

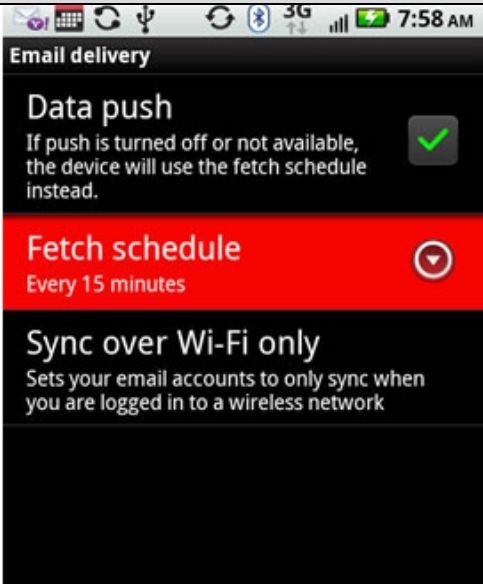
- 1 With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show  in the status bar.

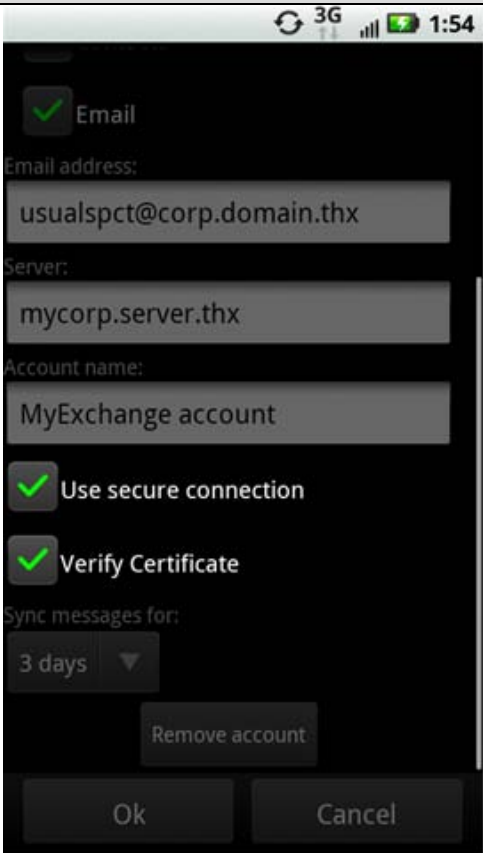
The Android operating system on the Motorola Android synchronizes the data item with the second computer if each Accused Device determines that the data item is to be synchronized. *See, e.g., Screenshot 4; Screenshot 5, which show a successful synchronization using first a Wi-Fi synchronization mechanism and then a 3G synchronization mechanism.*

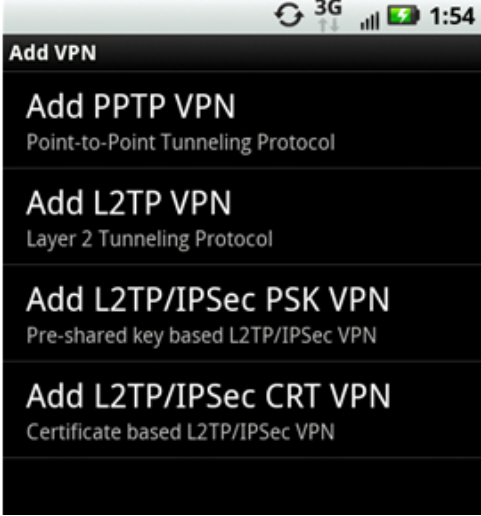
Screenshot 4: synchronization taking place using a Wi-Fi

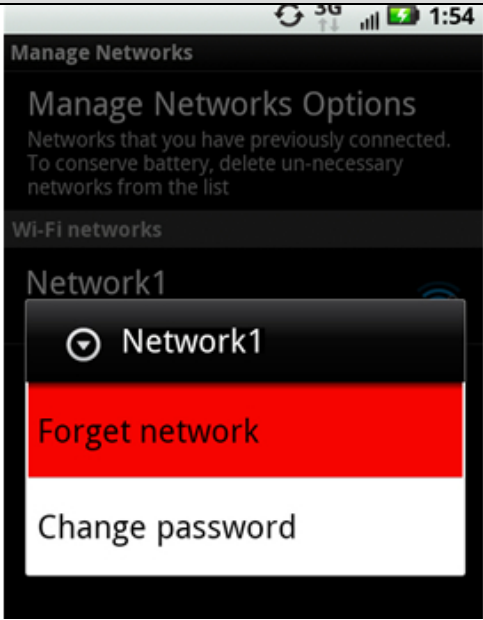
<p>U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p>Accused Devices</p>
	<p>synchronization mechanism</p>  <p>Screenshot 5: synchronization taking place using a 3G synchronization mechanism</p>
<p>13. A computer system in accordance with claim 11, wherein the first computer system is a mobile device, and the second computer system is a synchronization server.</p>	<p>Each Accused Device, such as, for example, the DROID 2 or DROID X model, is a mobile device and operates in a network in which the second computer system is a synchronization server, such as, for example, a Microsoft Exchange Server, Gmail server, or Google calendar server.</p>
<p>14. A computer system in accordance with claim 11, wherein the method further comprises the following: an act of receiving instructions to change the set of flexible selection rules; and an act of changing the set of flexible selection rules in response to the instruction.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can receive instructions to change the set of flexible rules and can change the set of flexible rules in response to the instruction.</p> <p>For example, each Accused Device can receive an instruction to change the set of flexible selection rules such that emails are only synchronized if they are more recent than one day, two days, three days, one week, two weeks, or one month old; or so that emails are synchronized without such a restraint. Each Accused Device can change the set of selection rules in response to such instruction. <i>See</i> Screenshot 10.1.</p>


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	 <p>Screenshot 10.1: receiving an instruction to change the flexible rule that dictates the age of emails that are synchronized</p> <p>As another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that social applications synchronize only via a Wi-Fi mechanism, while email is set to be synchronized via "push" synchronization. Alternatively, each Accused Device can receive an instruction to change the set of flexible selection rules such that social applications are not restricted in this way. Either way, each Accused Device can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):</p>

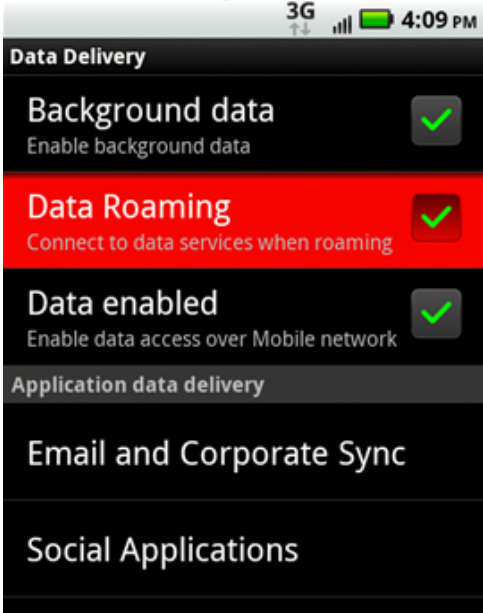
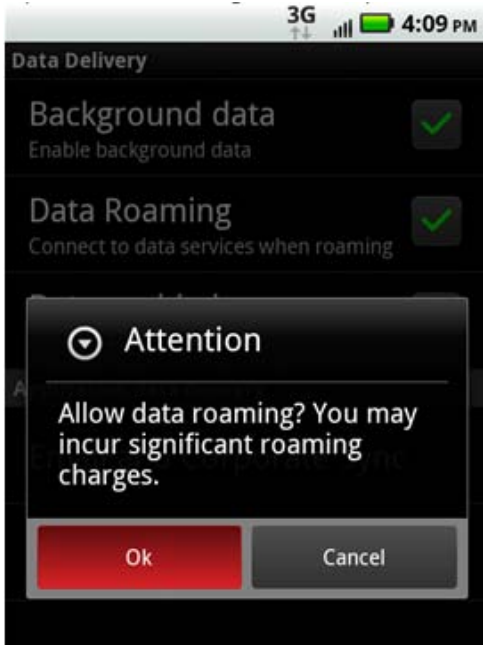
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 894 1396 1073">As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use, a secure connection when synchronizing email, and can change the set of flexible selection rules in response to the instruction.</p> <p data-bbox="613 1108 1396 1251"><i>See, e.g.,</i> Configure Corporate Email (Exchange ActiveSync) – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34193 (visited Feb. 16, 2011):</p>

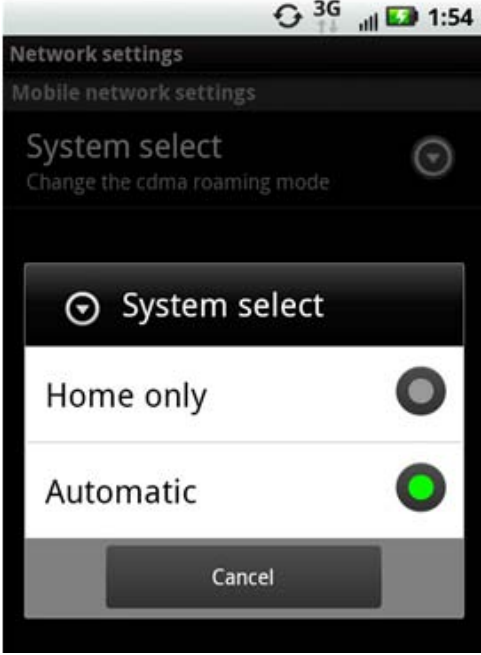
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p>As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use a Virtual Private Network (VPN), and can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	 <p>As still another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use Wi-Fi synchronization mechanisms and can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g., DROID 2 User Guide at 35-36:</i></p> <p>Connect Your phone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.</p> <p>Note: Your service provider may charge to surf the Web or download data.</p> <p><i>See also DROID 2 User Guide at 46:</i></p> <p>Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.</p> <p><i>See also, Remove WiFi Connection – Motorola Droid 2 (A955),</i> http://support.vzw.com/clc/devices/knowledge_base.html?id=34876 (visited Feb. 16, 2011):</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 1003 1390 1108"><i>See also, WiFi On/Off – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31315 (visited Feb. 16, 2011):</i></p>

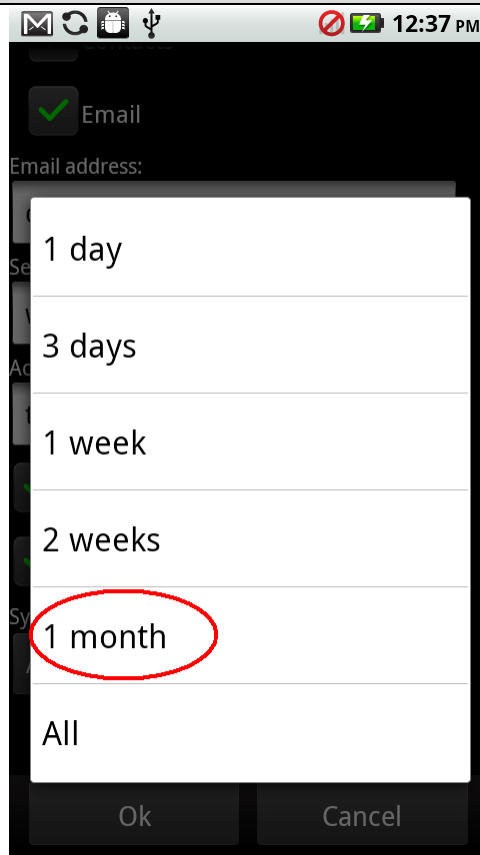
U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
	 <p>As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device allows, or does not allow, "roaming," or alternatively to allow, or not allow, synchronizations only using the "home" carrier's synchronization mechanisms. Each Accused Device can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Data Roaming – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=33954 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	  <p data-bbox="613 1766 1390 1871"><i>See also</i> System Select – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31420 (visited Feb. 23, 2011):</p>

<p>U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p>Accused Devices</p>
	
<p>15. A computer system in accordance with claim 14, wherein the act of receiving instructions to change the set of flexible selection rules comprises the following: an act of receiving instructions to change the set of flexible selection rules from a user of the first computer system.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can receive instructions to change the set of flexible rules from a user of the first computer system (<i>i.e.</i> each Accused Device) and can change the set of flexible rules in response to the instruction.</p> <p>For example, each Accused Device can receive an instruction to change the set of flexible selection rules such that emails are only synchronized if they are more recent than one day, two days, three days, one week, two weeks, or one month old; or so that emails are synchronized without such a restraint. Each Accused Device can change the set of selection rules in response to such instruction. <i>See</i> Screenshot 10.1.</p>

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(130 Patent)

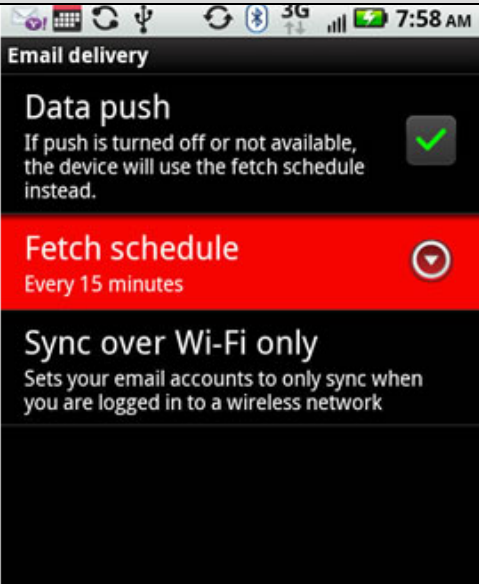
Accused Devices

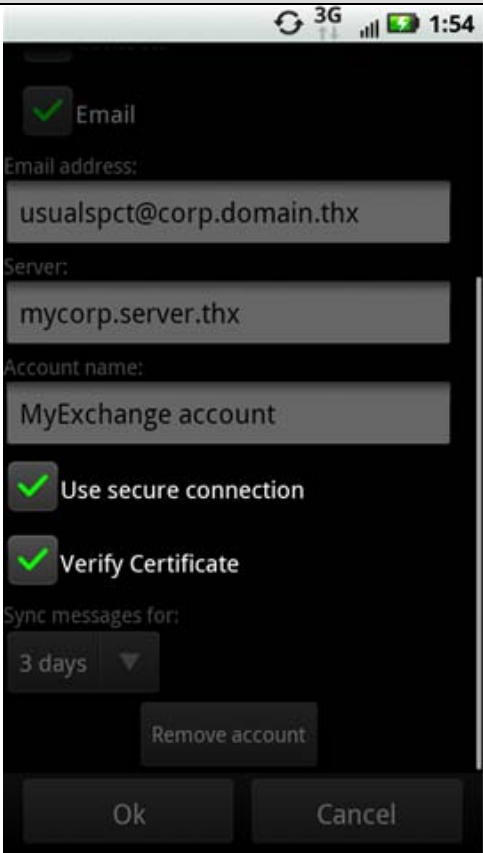


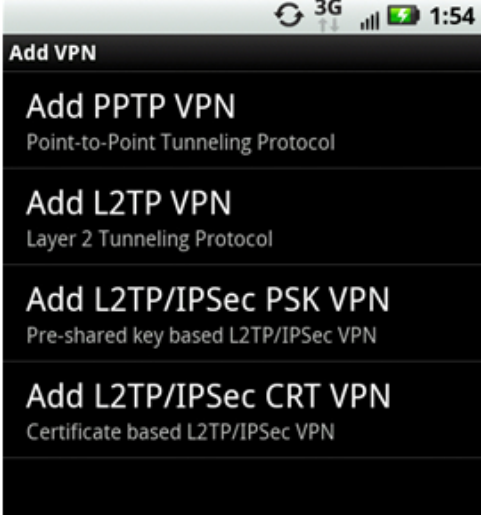
Screenshot 10.1: receiving an instruction to change the flexible rule that dictates the age of emails that are synchronized

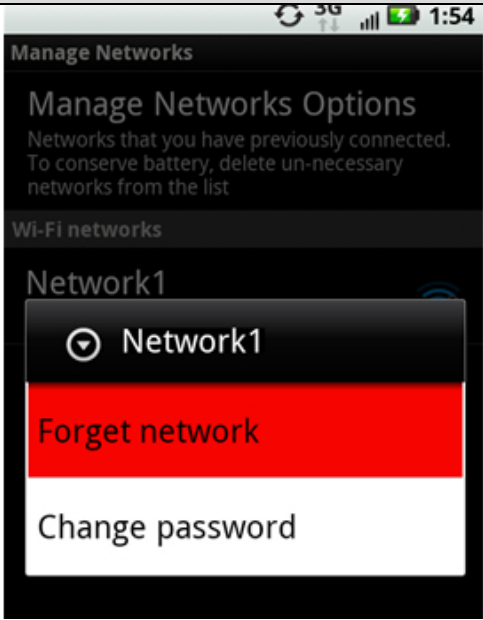
As another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that social applications synchronize only via a Wi-Fi mechanism, while email is set to be synchronized via "push" synchronization. Alternatively, each Accused Device can receive an instruction to change the set of flexible selection rules such that social applications are not restricted in this way. Either way, each Accused Device can change the set of selection rules in response to the instruction.


See, e.g., Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):

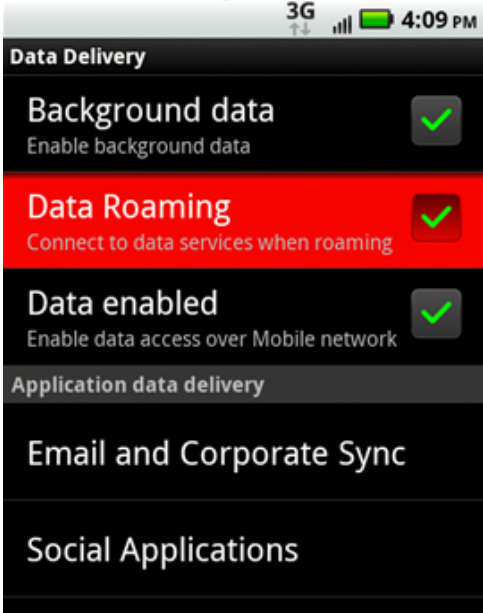
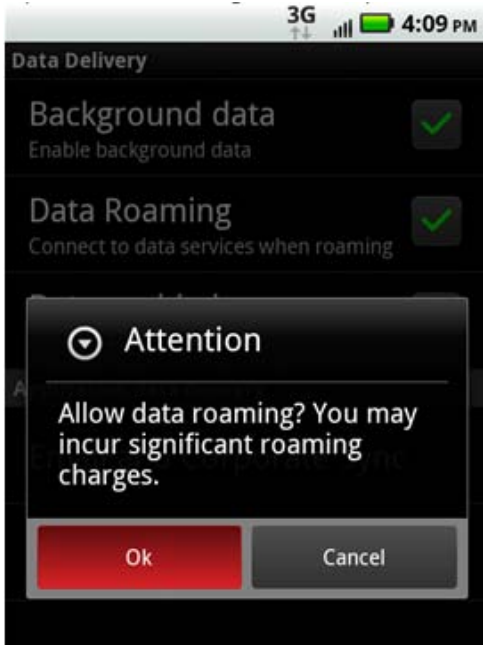
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 894 1396 1073">As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use, a secure connection when synchronizing email, and can change the set of flexible selection rules in response to the instruction.</p> <p data-bbox="613 1108 1396 1251"><i>See, e.g.,</i> Configure Corporate Email (Exchange ActiveSync) – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34193 (visited Feb. 16, 2011):</p>

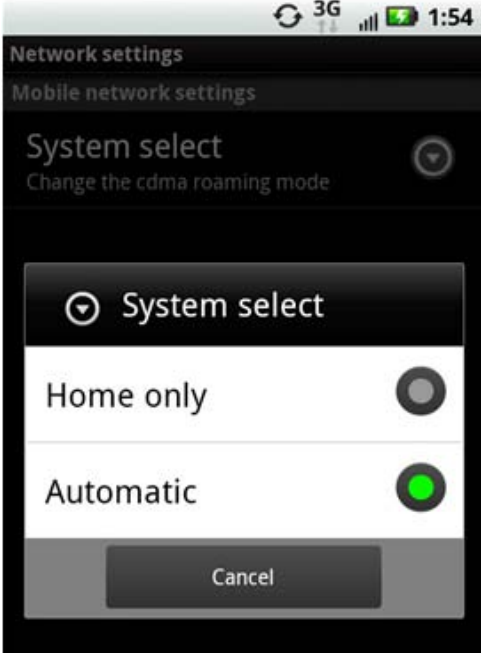
U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
	 <p>As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use a Virtual Private Network (VPN), and can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p>As still another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use Wi-Fi synchronization mechanisms and can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g., DROID 2 User Guide at 35-36:</i></p> <p>Connect Your phone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.</p> <p>Note: Your service provider may charge to surf the Web or download data.</p> <p><i>See also DROID 2 User Guide at 46:</i></p> <p>Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.</p> <p><i>See also, Remove WiFi Connection – Motorola Droid 2 (A955),</i> http://support.vzw.com/clc/devices/knowledge_base.html?id=34876 (visited Feb. 16, 2011):</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 1003 1390 1108"><i>See also, WiFi On/Off – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31315 (visited Feb. 16, 2011):</i></p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	 <p>As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device allows, or does not allow, "roaming," or alternatively to allow, or not allow, synchronizations only using the "home" carrier's synchronization mechanisms. Each Accused Device can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Data Roaming – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=33954 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	  <p data-bbox="613 1766 1390 1871"><i>See also</i> System Select – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31420 (visited Feb. 23, 2011):</p>

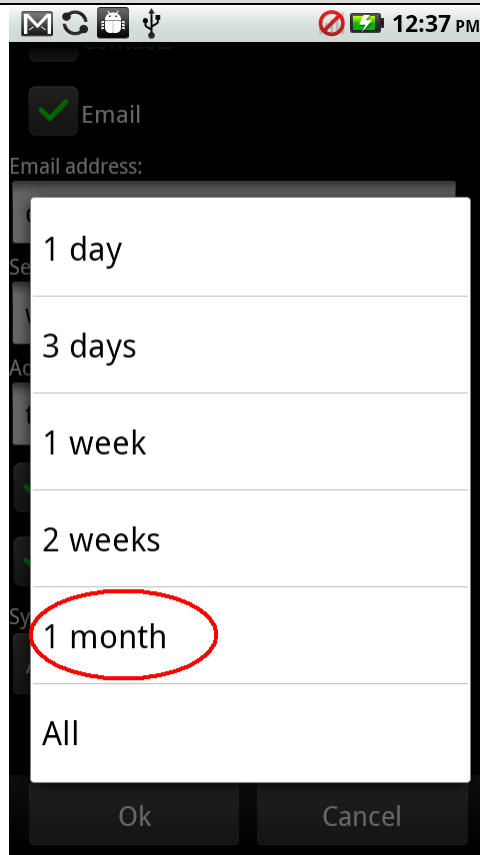
<p>U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p>Accused Devices</p>
	
<p>16. A computer system in accordance with claim 14, wherein the act of receiving instructions to change the set of flexible selection rules comprises the following: an act of receiving instructions to change the set of flexible selection rules from an agent of the second computer system.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can receive instructions to change the set of flexible rules from a an agent of the second computer system and can change the set of flexible rules in response to the instruction.</p> <p>For example, each Accused Device can receive an instruction from an agent of the second computer system to change the set of flexible selection rules such that calendar items are only synchronized if they are newer than two weeks old. Each Accused Device can change the set of selection rules in response to such an instruction.</p> <p>As another example, each Accused Device can receive an instruction from an agent of the second computer system to change the set of flexible selection rules such that emails are only synchronized if they are more recent than one day, two days, three days, one week, two weeks, or one month old; or so that emails are synchronized without such a restraint. Each Accused Device can change the set of selection rules in</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	<p>response to such instruction.</p> <p>As a further example, each Accused Device can receive an instruction from an agent of the second computer system to change the set of flexible selection rules such that attachments to emails are not synchronized, or are only synchronized if they are smaller than a given size. Each Accused Device can change the set of selection rules in response to such instruction.</p> <p><i>See, e.g.,</i> http://www.sysadminlab.net/activesync/android-2-2-and-activesync-policies-a-complete-guide-what-works (accessed April 12, 2011)</p>
<p>17. A computer system in accordance with claim 16, wherein the act of receiving instructions to change the set of flexible selection rules from an agent of the second computer system comprises the following: an act of receiving instructions to change the set of flexible selection rules from a network administrator of trusted network that includes the second computer system.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can receive instructions to change the set of flexible rules from a network administrator of a network that includes the second computer system and can change the set of flexible rules in response to the instruction.</p> <p>For example, each Accused Device can receive an instruction from a network administrator of a network that includes the second computer system to change the set of flexible selection rules such that calendar items are only synchronized if they are newer than two weeks old. Each Accused Device can change the set of selection rules in response to such an instruction.</p> <p>As another example, each Accused Device can receive an instruction from a network administrator of a network that includes the second computer system to change the set of flexible selection rules such that emails are only synchronized if they are more recent than one day, two days, three days, one week, two weeks, or one month old; or so that emails are synchronized without such a restraint. Each Accused Device can change the set of selection rules in response to such instruction.</p> <p>As a further example, each Accused Device can receive an instruction from a network administrator of a network that includes the second computer system to change the set of flexible selection rules such that attachments to emails are not synchronized, or are only synchronized if they are smaller than a given size. Each Accused Device can change</p>

<p align="center">U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p align="center">Accused Devices</p>
	<p>the set of selection rules in response to such instruction.</p> <p><i>See, e.g.,</i> http://www.sysadminlab.net/activesync/android-2-2-and-activesync-policies-a-complete-guide-what-works (accessed April 12, 2011)</p>
<p>18. A computer system in accordance with claim 17, wherein the method further comprises the following: an act of receiving instructions to change the set of flexible selection rules from a user.</p>	<p>Each Accused Device, such as, for example, the DROID 2 and DROID X models, can receive instructions to change the set of flexible rules from a user of the first computer system (<i>i.e.</i> each Accused Device) and can change the set of flexible rules in response to the instruction.</p> <p>For example, each Accused Device can receive an instruction to change the set of flexible selection rules such that emails are only synchronized if they are more recent than one day, two days, three days, one week, two weeks, or one month old; or so that emails are synchronized without such a restraint. Each Accused Device can change the set of selection rules in response to such instruction. <i>See</i> Screenshot 10.1.</p>

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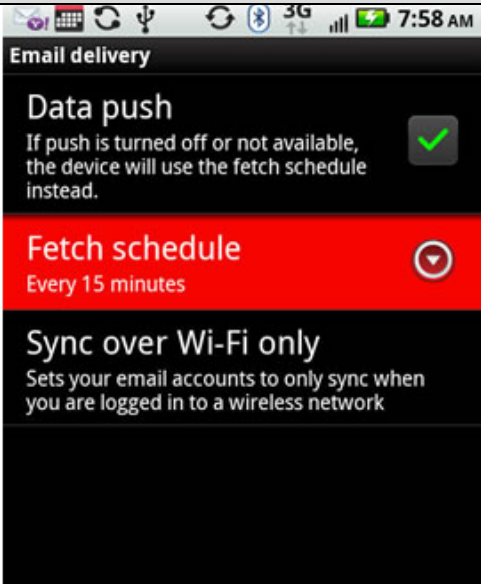
Accused Devices

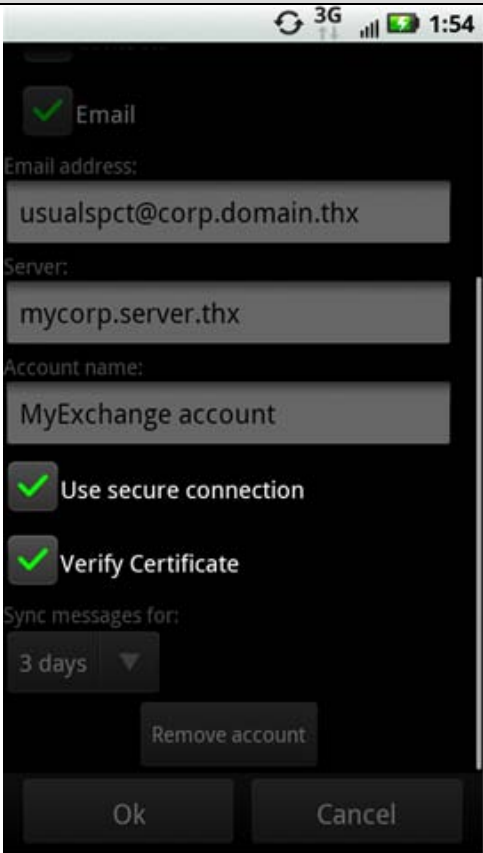


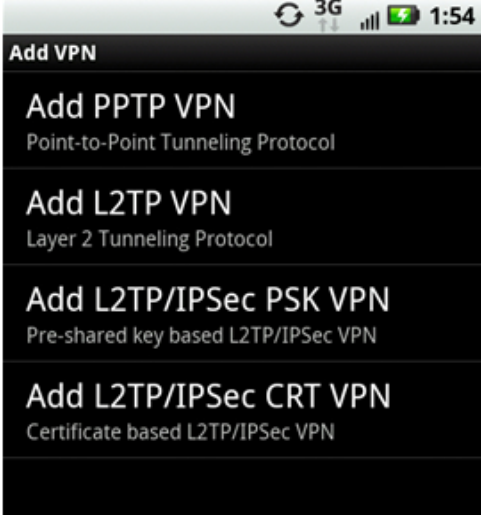
Screenshot 10.1: receiving an instruction to change the flexible rule that dictates the age of emails that are synchronized

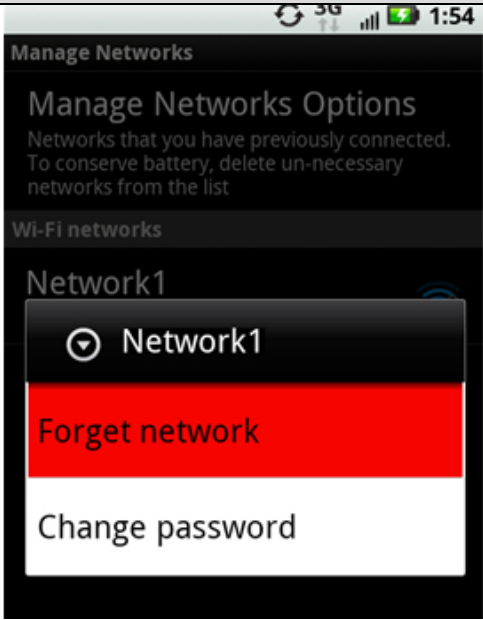
As another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that social applications synchronize only via a Wi-Fi mechanism, while email is set to be synchronized via "push" synchronization. Alternatively, each Accused Device can receive an instruction to change the set of flexible selection rules such that social applications are not restricted in this way. Either way, each Accused Device can change the set of selection rules in response to the instruction.


See, e.g., Gmail Synchronization – Motorola Droid 2, http://support.vzw.com/clc/devices/knowledge_base.html?id=31337 (visited Feb. 16, 2011):

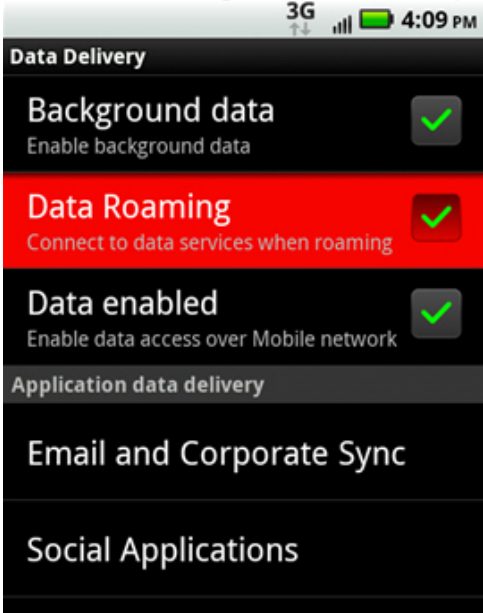
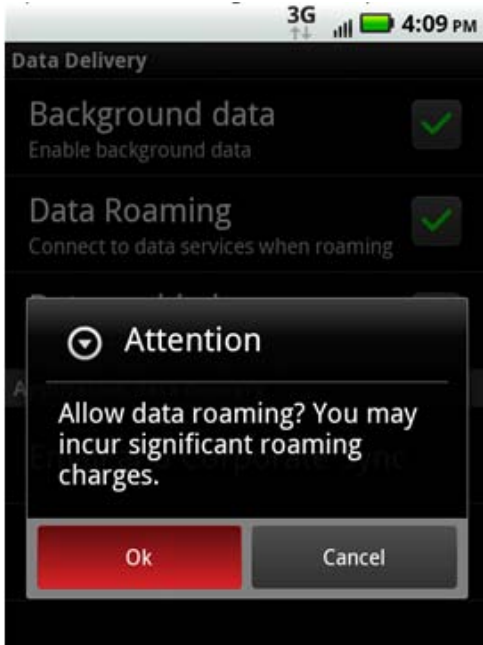
U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p data-bbox="613 894 1396 1073">As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use, a secure connection when synchronizing email, and can change the set of flexible selection rules in response to the instruction.</p> <p data-bbox="613 1108 1396 1251"><i>See, e.g.,</i> Configure Corporate Email (Exchange ActiveSync) – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34193 (visited Feb. 16, 2011):</p>

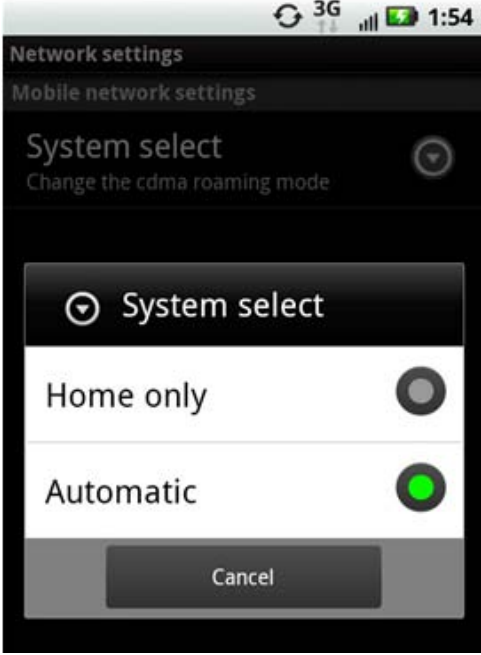
U.S. Patent No. 7,493,130 (130 Patent)	Accused Devices
	 <p>As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use a Virtual Private Network (VPN), and can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Add a Virtual Private Network – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=34245 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 (‘130 Patent)	Accused Devices
	 <p>As still another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device uses, or does not use Wi-Fi synchronization mechanisms and can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g., DROID 2 User Guide at 35-36:</i></p> <p>Connect Your phone uses the mobile phone network (over the air) or a Wi-Fi connection to automatically access the Web.</p> <p>Note: Your service provider may charge to surf the Web or download data.</p> <p><i>See also DROID 2 User Guide at 46:</i></p> <p>Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.</p> <p><i>See also, Remove WiFi Connection – Motorola Droid 2 (A955),</i> http://support.vzw.com/clc/devices/knowledge_base.html?id=34876 (visited Feb. 16, 2011):</p>

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	 <p data-bbox="613 1003 1390 1108"><i>See also, WiFi On/Off – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31315 (visited Feb. 16, 2011):</i></p>

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	 <p>As yet another example, each Accused Device can receive an instruction to change the set of flexible selection rules such that the device allows, or does not allow, "roaming," or alternatively to allow, or not allow, synchronizations only using the "home" carrier's synchronization mechanisms. Each Accused Device can change the set of selection rules in response to the instruction.</p> <p><i>See, e.g.,</i> Data Roaming – Motorola DROID X MB810, http://support.vzw.com/clc/devices/knowledge_base.html?id=33954 (visited Feb. 23, 2011):</p>

U.S. Patent No. 7,493,130 ('130 Patent)	Accused Devices
	  <p data-bbox="613 1766 1390 1871"><i>See also</i> System Select – Motorola Droid 2 (A955), http://support.vzw.com/clc/devices/knowledge_base.html?id=31420 (visited Feb. 23, 2011):</p>

<p align="center">U.S. Patent No. 7,493,130 (‘130 Patent)</p>	<p align="center">Accused Devices</p>
	
<p>19. A computer system in accordance with claim 18, wherein the act of changing the set of flexible selection rules in response to the instruction, comprises the following: an act of fulfilling the instructions received from the network administrator of the second computer system to the extent that there is a conflict between the instructions received from the network administrator of the second computer system and the instructions received from the user of the first computer system.</p>	<p>Each Accused Device fulfils the instructions received from the network administrator of the second computer system to the extent that there is a conflict between the instructions received from the network administrator of the second computer system and the instructions received from the user of the first computer system.</p> <p>For example, if each Accused Device receives an instruction from the network administrator to disable synchronization of email attachments, and the user gives an instruction to synchronize an email attachment by clicking on an attachment to an email message, each Accused Device will not allow the attachment synchronization.</p> <p>As a further example, if each Accused Device receives an instruction from the network administrator to disable synchronization of email attachments greater than a certain size, and the user gives an instruction to synchronize an email attachment that exceeds that size by clicking on an attachment to an email message, each Accused Device will</p>

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	<p>not allow the attachment synchronization.</p> <p>As a further example, if each Accused Device receives an instruction from the network administrator to synchronize only email items received more recently than a certain age, each Accused Device will not allow the user to synchronize older email items.</p> <p>As a further example, if each Accused Device receives an instruction from the network administrator to synchronize only calendar items more recent than a certain age, each Accused Device will not allow the user to synchronize older calendar items.</p> <p><i>See, e.g.,</i> http://www.sysadminlab.net/activesync/android-2-2-and-activesync-policies-a-complete-guide-what-works (accessed April 12, 2011)</p>