
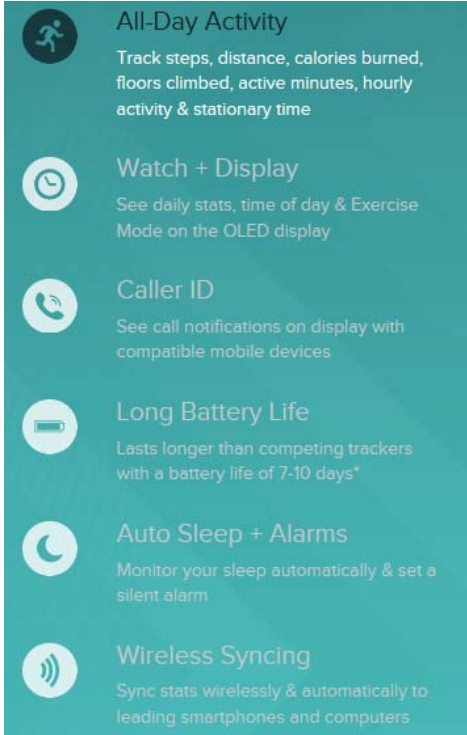
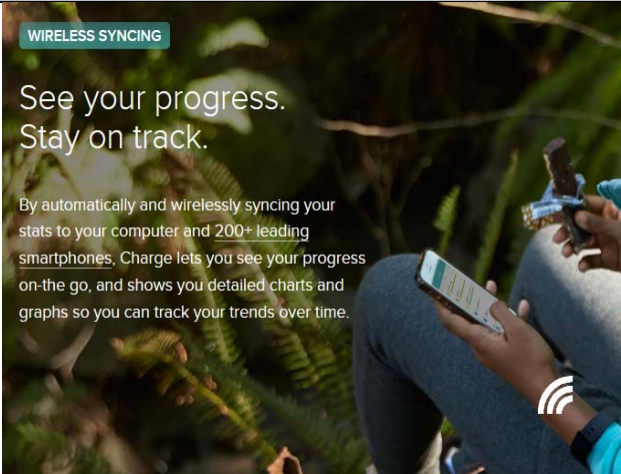











C-4

Immersion Corporation
U.S. Patent No. 8,638,301
Infringement Contentions to Fitbit, Inc.


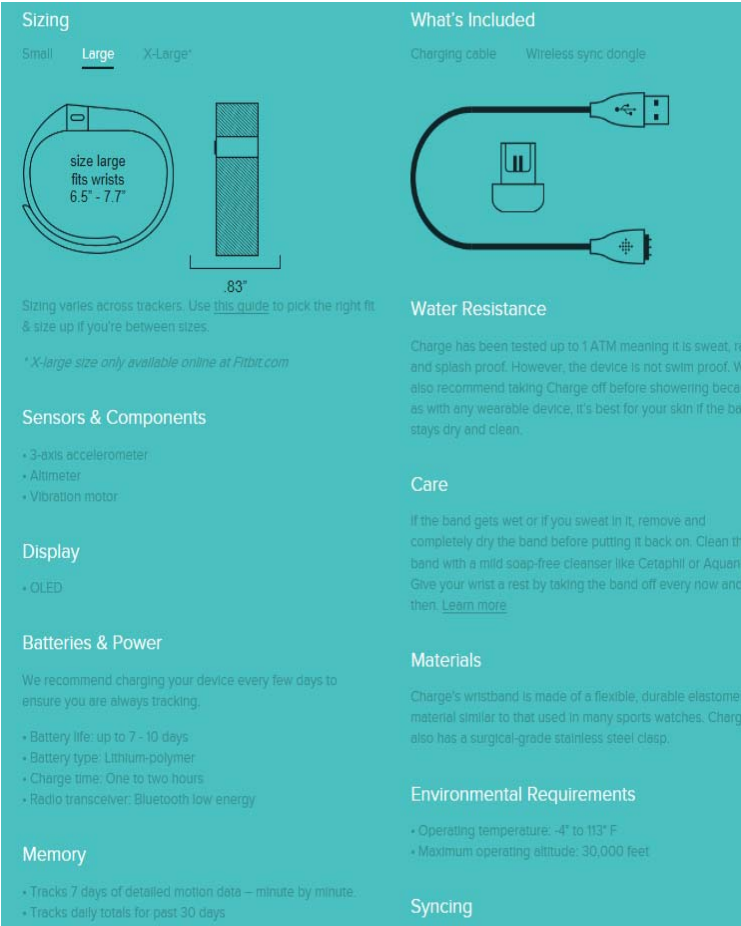
U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
<p>Claim 27. A system comprising:</p>	<p>The Fitbit Accused Product, the Fitbit Charge (hereinafter “the Accused Product”) provides a system.</p> <p>The Fitbit Accused Products provide system of an interaction between a fitness tracker band and a smartphone. See https://www.allaboutcircuits.com/news/teardown-tuesday-fitbit-charge-fitness-tracker/.</p> <p>For example, the Accused Products practices a system as a fitness tracker band synchronizing with a smartphone.</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;">  </div> </div> <p>Source: Fitbit, Inc., <i>Charge</i> (2017), available at https://www.fitbit.com/charge.</p> <p>In particular, the Accused Product is configured to pair or sync with a smartphone (e.g. iPhone or Android) as shown in the pictures above and below.</p>

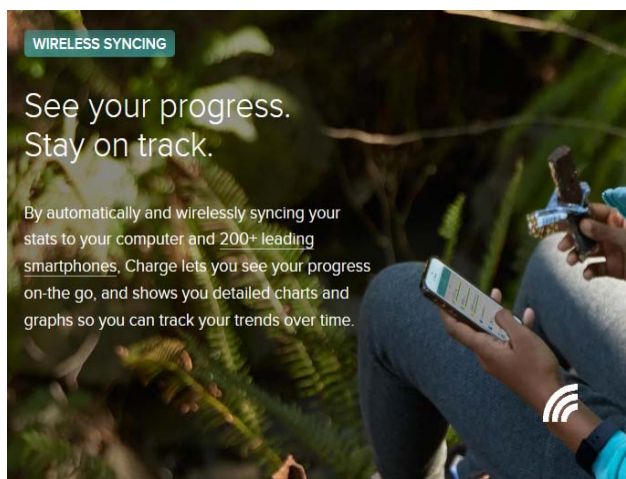
U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="289 279 1528 749">  <div data-bbox="911 279 1528 749"> <h3>Syncing</h3> <p>Charge syncs automatically and wirelessly to tablets, computers and <u>200+ leading iOS, Android and Windows smartphones</u> using Bluetooth 4.0 wireless technology.</p> <ul style="list-style-type: none"> • Syncing range: 20 feet • Call notifications via Bluetooth 4.0 • Syncing to computers requires Internet connection and USB port • Syncing to mobile devices requires Bluetooth and Internet connection • Syncs with Windows Vista and later, Mac OS X 10.6 and up, iPhone 4S and later, iPad 3 gen. and later, and leading Android and Windows devices </div> </div> <p>Source: Fitbit, Inc., <i>Charge Specs</i> (2017), available at https://www.fitbit.com/charge.</p> <p><u>INDIRECT INFRINGEMENT</u></p> <p>Fitbit indirectly infringes the '301 patent, under 35 U.S.C. § 271(b), by inducing infringement by others, such as manufacturers, resellers, developers, and customers, and end-users, and/or providing the fitness watch and a smartphone as components for use in a system of an interaction between a fitness watch and a smartphone that practices the invention in accordance with the element-by-element mapping of features to claim elements set forth in this chart for this claim and its dependent claims.</p> <p>As the element-by-element mapping shows, Fitbit provides ample “help” documentations that instruct a user in how to use the system to perform each of the functions which are described. Further, Fitbit provides instructions on how a user can set up a device and install software such that the features are enabled.</p> <p>For example, Fitbit provides a setup website to help and support the user to “Get the Fitbit App to Set Up Your Device” at https://www.fitbit.com/setup. At that site, Fitbit specifically instructs the user to download the Fitbit App from one of several websites (e.g., Google Play, Apple App Store, or Windows Store). Further, if the user does not have a mobile device, Fitbit instructs that the user can download an application for an Apple or Windows personal computer. Fitbit provides further instructions and help to set up a user’s device, as well.</p>

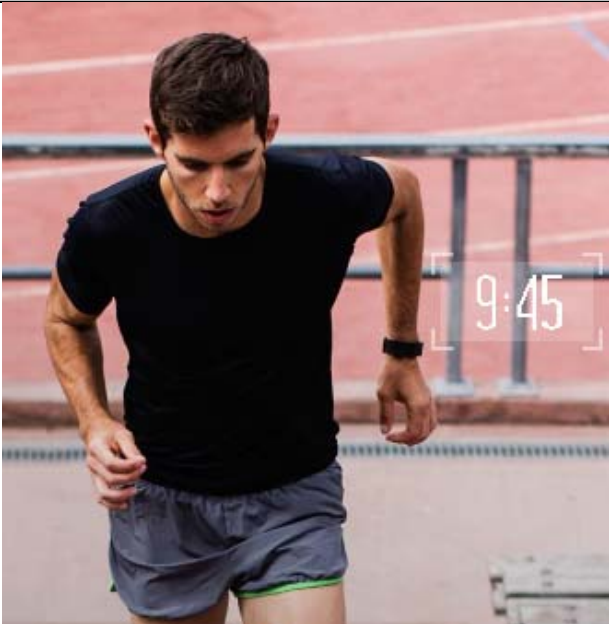
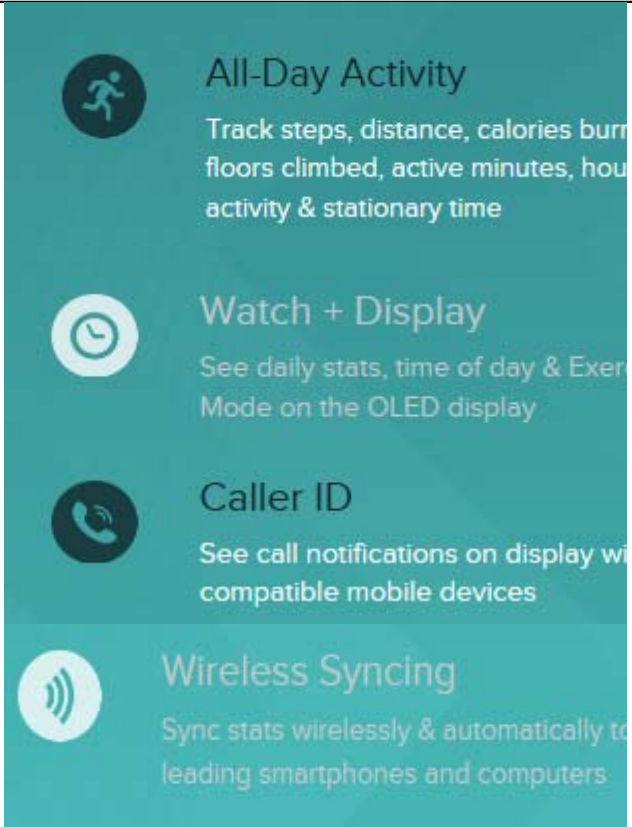
U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="565 279 1239 1068"> <p>Get the Fitbit App to Set Up Your Device</p>  <p>    </p> <p>Don't have a mobile device available?</p> <p>DOWNLOAD FOR WINDOWS</p> <p>2.0.1.6802 / November 17, 2016  Mac  Mac 10.5  Windows 10  PC  Windows XP</p> </div> <p>Source: Fitbit, Inc., “Get the Fitbit App to Set Up Your Device” (2017), available at https://www.fitbit.com/setup; see also https://www.fitbit.com/app.</p> <p>Fitbit also provides answers on its website to popular topics and questions that other users have had setting up their devices. Further, Fitbit provides a support community to educate users about certain features. (See Fitbit, Inc., “Get the skinny on your Fitbit device,” http://help.fitbit.com/.) Fitbit provides web pages with answers to popular topics and questions that other users have had setting up their devices. Further, Fitbit provides a support community to educate users about certain features. In addition, users can request certain features or options to be implemented in the Fitbit’s software and/or API such as on Fitbit’s “Ideas Board” online forum, which Fitbit provides at https://community.fitbit.com/t5/Feature-Requests/idb-p/features. Fitbit also provides How-To Videos to help users, as illustrated in the screenshot shown below. (See, e.g., Fitbit Inc., “How-To Videos,” https://www.fitbit.com/how-to (“Get started with your Fitbit products and find out how to make the most of features like sleep tools, exercise modes and more, with these short and sweet how-to videos.”).)</p>


U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="443 279 1357 798"> </div> <p data-bbox="272 848 1331 884"><i>Source:</i> Fitbit Inc., “How-To Videos,” available at https://www.fitbit.com/how-to.</p>
a processor configured to:	<p data-bbox="272 890 823 926">The Accused Product includes a processor.</p> <p data-bbox="272 961 1528 1066">For example, the Accused Product includes STMicroelectronics STM32L151RD ARM cortex M3 core Microcontroller. Further, the Microcontroller is configured to perform various instructions as listed below.</p> <p data-bbox="272 1108 1528 1255">The <i>Teardown Tuesday: Fitbit Charge Fitness Tracker</i> and Charge Specs pictures show the components of the Accused Product containing a microcontroller (i.e. processor) and various types of sensors (e.g. accelerometer, altimeter). The microcontroller (i.e. processor), identified in the picture below, is configured to perform various instructions.</p> <div data-bbox="289 1255 672 1759"> </div> <div data-bbox="915 1276 1040 1318"> <h3>Processor</h3> </div> <div data-bbox="915 1339 1409 1444"> <p>At the heart of this Fitbit is an ST Microelectronics STM32L151C6 microcontroller. This is a 32-bit microcontroller with an ARM cortex M3 core inside of it.</p> </div> <div data-bbox="915 1455 1495 1560"> <p>Also in the Fitbit Charge, is a barometric pressure sensor that is used to measure the change in altitude for activities such as climbing stairs. The pressure sensor used in the Fitbit Charge is a TE Connectivity/M Measurement Specialties MS5805.</p> </div> <p data-bbox="272 1766 1479 1871"><i>Source:</i> EETech Media, LLC., All About Circuits, <i>Teardown Tuesday: Fitbit Charge Fitness Tracker</i> (2017), available at https://www.allaboutcircuits.com/news/teardown-tuesday-fitbit-charge-fitness-tracker/.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="289 285 672 787">  </div> <div data-bbox="906 279 1016 312"> <h3>Battery</h3> </div> <div data-bbox="906 323 1487 449"> <p>The Fitbit Charge uses a small single cell Lithium-Ion Battery. This battery measures approximately 2.8x13x20mm and has a capacity of ~46mAh. It appears that this cell does not have the protection circuitry that is found on a lot of lithium cells. This cell carries the part number of "281320" that denotes the physical dimensions of the battery.</p> </div> <div data-bbox="906 462 1476 567"> <p>The Fitbit Charge can relay information to the user through a small vibration motor that can be seen in the image above. Since the ST microcontroller can not drive this motor directly, there is a MOSFET that drives the vibration motor.</p> </div> <div data-bbox="906 581 1476 714"> <p>To track activity, the Fitbit Charge uses two types of sensors, the first is an accelerometer. The accelerometer for the Fitbit Charge can be seen in the image with the 2-D barcode on the top of it. Based on images of the accelerometer found in other Fitbits, it appears that the accelerometer could be an ST LIS2DH.</p> </div> <div data-bbox="284 787 1472 896"> <p>Source: EETech Media, LLC., All About Circuits (2017) <i>Teardown Tuesday: Fitbit Charge Fitness Tracker</i> https://www.allaboutcircuits.com/news/teardown-tuesday-fitbit-charge-fitness-tracker/.</p> </div> <div data-bbox="472 930 691 1537">  </div> <div data-bbox="901 930 1299 1581">  </div> <div data-bbox="284 1581 1385 1619"> <p>Source: Fitbit, Inc., <i>Charge Specs</i> (2017), available at https://www.fitbit.com/charge.</p> </div>
<p>receive a first sensor signal from a first sensor, the first sensor configured</p>	<p>The Accused Product includes a processor configured to receive a first sensor signal from a first sensor, the first sensor configured to detect a movement of a first mobile device.</p> <p>For example, the Accused Product includes a processor configured to receive sensor signals from at least the 3-axis accelerometer sensor (i.e. first sensor). Further, this sensor is configured to detect and track a user's movement or a variety of statistics, including steps taken, on the Accused Product (i.e. first mobile device).</p>


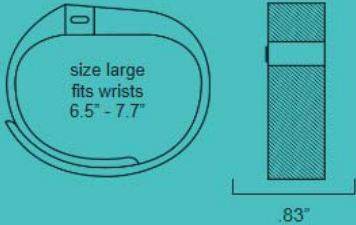
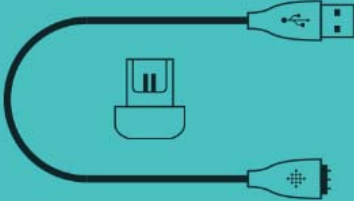
U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
<p>to detect a movement of a first mobile device;</p>	<p>The pictures from the Charge Specs and the Charge Product Manual below show the accelerometer sensor, which tracks a user motion patterns. The Charge Features picture further illustrates that the Accused Product may detect (i.e. the 3-axis accelerometer) movement from a user and it tracks the user's stats.</p> <div data-bbox="289 462 506 1064">  </div> <div data-bbox="646 462 1383 1381">  <p>Sizing</p> <p>Small Large X-Large*</p> <p>size large fits wrists 6.5" - 7.7"</p> <p>.83"</p> <p>Sizing varies across trackers. Use this guide to pick the right fit & size up if you're between sizes.</p> <p>*X-large size only available online at Fitbit.com</p> <p>What's Included</p> <p>Charging cable Wireless sync dongle</p> <p>Water Resistance</p> <p>Charge has been tested up to 1 ATM meaning it is sweat, rain and splash proof. However, the device is not swim proof. We also recommend taking Charge off before showering because as with any wearable device, it's best for your skin if the band stays dry and clean.</p> <p>Care</p> <p>If the band gets wet or if you sweat in it, remove and completely dry the band before putting it back on. Clean the band with a mild soap-free cleanser like Cetaphil or Aquaphor. Give your wrist a rest by taking the band off every now and then. Learn more</p> <p>Materials</p> <p>Charge's wristband is made of a flexible, durable elastomer material similar to that used in many sports watches. Charge also has a surgical-grade stainless steel clasp.</p> <p>Environmental Requirements</p> <ul style="list-style-type: none"> • Operating temperature: -4° to 113° F • Maximum operating altitude: 30,000 feet <p>Syncing</p> <p>Sensors & Components</p> <ul style="list-style-type: none"> • 3-axis accelerometer • Altimeter • Vibration motor <p>Display</p> <ul style="list-style-type: none"> • OLED <p>Batteries & Power</p> <p>We recommend charging your device every few days to ensure you are always tracking.</p> <ul style="list-style-type: none"> • Battery life: up to 7 - 10 days • Battery type: Lithium-polymer • Charge time: One to two hours • Radio transceiver: Bluetooth low energy <p>Memory</p> <ul style="list-style-type: none"> • Tracks 7 days of detailed motion data – minute by minute. • Tracks daily totals for past 30 days </div> <p>Source: Fitbit, Inc., <i>Charge Specs</i> (2017), available at https://www.fitbit.com/charge.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="313 289 776 336" data-label="Section-Header"> <h2>Sensors and motors</h2> </div> <div data-bbox="313 371 1490 466" data-label="Text"> <p>Your Charge uses a MEMS 3-axis accelerometer to measure your motion patterns and determine your steps taken, distance traveled, calories burned, and sleep quality. Charge also contains:</p> </div> <div data-bbox="358 499 1458 600" data-label="List-Group"> <ul style="list-style-type: none"> • An altimeter, which measures floors climbed • A vibration motor, which allows it to vibrate when alarms go off, when you reach a goal, and when you receive call notifications </div> <div data-bbox="313 659 488 707" data-label="Section-Header"> <h2>Battery</h2> </div> <div data-bbox="313 743 1115 777" data-label="Text"> <p>Charge contains a rechargeable lithium-polymer battery.</p> </div> <div data-bbox="284 793 1334 865" data-label="Text"> <p>Source: Fitbit Inc., <i>Charge Product Manual</i> (2017), p. 18, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p> </div> <div data-bbox="284 898 1521 1373" data-label="Complex-Block">  <div data-bbox="305 926 451 951" data-label="Section-Header"> <h3>WIRELESS SYNCING</h3> </div> <div data-bbox="302 980 574 1056" data-label="Text"> <p>See your progress. Stay on track.</p> </div> <div data-bbox="302 1094 654 1224" data-label="Text"> <p>By automatically and wirelessly syncing your stats to your computer and 200+ leading smartphones, Charge lets you see your progress on-the-go, and shows you detailed charts and graphs so you can track your trends over time.</p> </div> <div data-bbox="927 911 1040 947" data-label="Section-Header"> <h3>Syncing</h3> </div> <div data-bbox="927 968 1484 1058" data-label="Text"> <p>Charge syncs automatically and wirelessly to tablets, computers and 200+ leading iOS, Android and Windows smartphones using Bluetooth 4.0 wireless technology.</p> </div> <div data-bbox="927 1085 1531 1358" data-label="List-Group"> <ul style="list-style-type: none"> • Syncing range: 20 feet • Call notifications via Bluetooth 4.0 • Syncing to computers requires Internet connection and USB port • Syncing to mobile devices requires Bluetooth and Internet connection • Syncs with Windows Vista and later, Mac OS X 10.6 and up, iPhone 4S and later, iPad 3 gen. and later, and leading Android and Windows devices </div> </div> <div data-bbox="284 1375 1382 1411" data-label="Text"> <p>Source: Fitbit, Inc., <i>Charge Specs</i> (2017), available at https://www.fitbit.com/charge.</p> </div>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="289 279 894 898">  </div> <div data-bbox="906 279 1534 1100">  </div> <p data-bbox="289 1136 1300 1171"><i>Source:</i> Fitbit, Inc., <i>Charge</i> (2017), available at https://www.fitbit.com/charge.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<h2 data-bbox="302 289 1050 348">Tracking with Fitbit Charge</h2> <hr data-bbox="302 352 1487 357"/> <p data-bbox="302 382 578 411">Your Charge tracks:</p> <ul data-bbox="347 449 634 695" style="list-style-type: none"> • Steps taken • Distance traveled • Floors climbed • Calories burned • Active minutes • Hours slept • Quality of sleep <hr data-bbox="302 726 1487 730"/> <p data-bbox="302 741 1390 800">NOTE: Active minutes do not appear on the display; you can see them on your dashboard and in the Fitbit app.</p> <hr data-bbox="302 814 1487 819"/> <p data-bbox="302 846 1474 932">To scroll through your stats simply press the button on the side of your Charge. You'll see the time followed by an icon and stat in turn. If you have an alarm set, your display will also show the next alarm time.</p> <div data-bbox="459 1018 1187 1102">  </div> <div data-bbox="488 1140 1157 1171"> <div>Steps</div> <div>Distance</div> <div>Floors</div> <div>Calories</div> </div> <p data-bbox="285 1220 1334 1291">Source: Fitbit Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p>How does my tracker count steps?</p> <hr/> <p>Fitbit trackers use a 3-axis accelerometer to understand your motions. An accelerometer is a device that turns movement (acceleration) into digital measurements (data) when attached to the body. By analyzing acceleration data, our trackers provide detailed information about frequency, duration, intensity, and patterns of movement to determine your steps taken, distance traveled, calories burned, and sleep quality. The 3-axis implementation allows the accelerometer to measure your motion in any way that you move, making its activity measurements more precise than older, single-axis pedometers.</p> <p>Fitbit trackers have a finely tuned algorithm for step counting. The algorithm is designed to look for motion patterns that are most indicative of people walking. The algorithm determines whether a motion's size is large enough by setting a threshold. If the motion and its subsequent acceleration measurement meet the threshold, the motion will be counted as a step. If the threshold is not met, the motion won't be counted as a step. Other factors can create enough acceleration to meet our threshold and cause some over counting of steps, such as riding on a bumpy road. Equally, it's possible for the algorithm to undercount (not meet the required acceleration threshold). Examples here include walking on a very soft surface such as a plush carpet.</p> <p><i>Source:</i> Fitbit, Inc., <i>Fitbit Help - How does my tracker count steps?</i> (Last updated: March 14, 2017), available at https://help.fitbit.com/articles/en_US/Help_article/1143.</p>
receive a second sensor signal from a second sensor, the second sensor configured to detect an interaction with the first mobile device;	<p>The Accused Products provide a processor that is configured to receive a second sensor signal from a second sensor, the second sensor configured to detect an interaction with the first mobile device.</p> <p>For example, the Accused Products provide a processor that is configured to receive another signal (i.e. second sensor signal) from the tap gesture (i.e. second sensor). Further, the Accused Product the tap gesture (i.e. second sensor) configured to detect an interaction with the Accused Product (i.e. first mobile device).</p> <p>As shown in the pictures below, the Accused Product provides a tap gesture, which is seen in the Charge Specs and the Charge Product Manual. In the following Charge Product Manual picture, the picture describes the tap gesture interaction with the Accused Product, which makes sure that the tracker can communicate with the user.</p>


U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="289 285 506 882">  </div> <div data-bbox="532 285 1040 1346"> <h3>Sizing</h3> <p>Small <u>Large</u> X-Large*</p>  <p>size large fits wrists 6.5" - 7.7"</p> <p>.83"</p> <p>Sizing varies across trackers. Use this guide to pick the right fit & size up if you're between sizes.</p> <p>* X-large size only available online at Fitbit.com</p> <h3>Sensors & Components</h3> <ul style="list-style-type: none"> • 3-axis accelerometer • Altimeter • Vibration motor <h3>Display</h3> <ul style="list-style-type: none"> • OLED <h3>Batteries & Power</h3> <p>We recommend charging your device every few days to ensure you are always tracking.</p> <ul style="list-style-type: none"> • Battery life: up to 7 - 10 days • Battery type: Lithium-polymer • Charge time: One to two hours • Radio transceiver: Bluetooth low energy <h3>Memory</h3> <ul style="list-style-type: none"> • Tracks 7 days of detailed motion data – minute by minute. • Tracks daily totals for past 30 days </div> <div data-bbox="1083 285 1534 1346"> <h3>What's Included</h3> <p>Charging cable Wireless sync dongle</p>  <h3>Water Resistance</h3> <p>Charge has been tested up to 1 ATM meaning it is sweat, rain and splash proof. However, the device is not swim proof. We also recommend taking Charge off before showering because as with any wearable device, it's best for your skin if the band stays dry and clean.</p> <h3>Care</h3> <p>If the band gets wet or if you sweat in it, remove and completely dry the band before putting it back on. Clean the band with a mild soap-free cleanser like Cetaphil or Aquaphor. Give your wrist a rest by taking the band off every now and then. Learn more</p> <h3>Materials</h3> <p>Charge's wristband is made of a flexible, durable elastomer material similar to that used in many sports watches. Charge also has a surgical-grade stainless steel clasp.</p> <h3>Environmental Requirements</h3> <ul style="list-style-type: none"> • Operating temperature: -4° to 113° F • Maximum operating altitude: 30,000 feet <h3>Syncing</h3> </div>

Source: Fitbit, Inc., *Charge Specs* (2017), available at <https://www.fitbit.com/charge>.

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p>Settings allow you to change:</p> <ul style="list-style-type: none"> • Display Settings: Hide and show items to customize what you see on your Charge's OLED display. You can also drag items up and down to change the order in which they appear. • Daily Goal Progress: Choose which goal you want your Charge to track for you throughout the day. You can edit the value of this goal from the Fitbit app or on the fitbit.com dashboard. • Tap Gesture: If you want your Charge to respond to taps, choose whether you want the clock or your main goal displayed when you double tap your Charge. • Clock Display: Choose from four different clock styles. • Dominant Wrist: Choose which wrist you wear your Charge on to get the most accurate data readings. • Sleep Tracking: Set the sensitivity of your sleep tracking by changing this setting. The Normal setting, which is the default, is appropriate for most people. If you are a sound sleeper, you can choose Sensitive to capture the smallest movements of your body. • Silent Alarms: Add, edit and delete silent alarms on your Charge. <hr/> <p>NOTE: You must sync your Charge in order to apply any changed settings.</p> <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>
<p>receive a first data signal from a network interface, the network interface configured to receive signals transmitted by a second mobile device;</p>	<p>The Accused Products provide a processor configured to receive a first data signal from a network interface, the network interface configured to receive signals transmitted by a second mobile device.</p> <p>For example, the Accused Products include a processor configured to receive data signals (i.e. data signal) via a Bluetooth transceiver (i.e. network interface). The Bluetooth transceiver is configured to receive signals transmitted by a smartphone (i.e. second mobile device), e.g., the Fitbit app is available for more than 200 mobile devices that support iOS, Android, and Windows 10 operating systems. Specifically, for example, the processor in the Accused Product receives data via the Bluetooth transceiver when the user of the Fitbit application changes the daily step count goal from 10,000 steps per day to 20,000 steps per day.</p> <p>Collectively, the pictures below show and illustrate that the Accused Product contains a processor configured to receive data signals via Bluetooth transceiver, and the transceiver is configured to receive signals transmitted (i.e. synchronized) by another mobile device, such as a smartphone (i.e. iPhone or Android).</p>





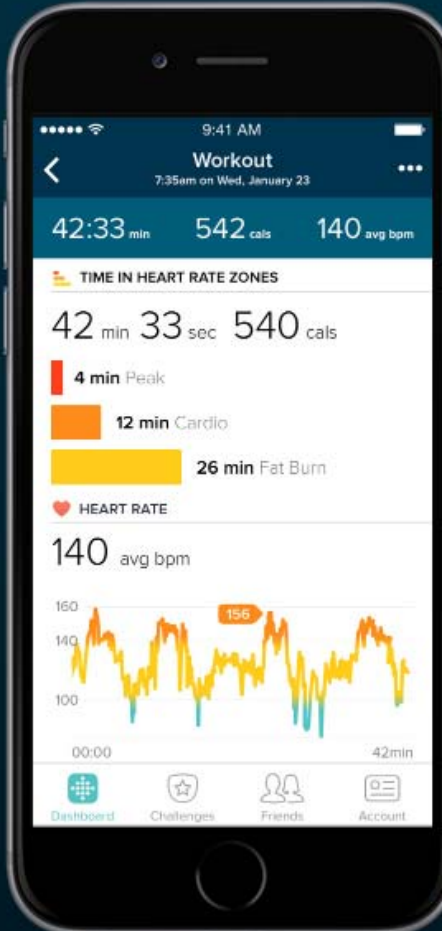
U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="289 285 672 787">  </div> <div data-bbox="841 285 1476 751"> <h3>Syncing</h3> <p>Charge syncs automatically and wirelessly to tablets, computers and <u>200+ leading iOS, Android and Windows smartphones</u> using Bluetooth 4.0 wireless technology.</p> <ul style="list-style-type: none"> • Syncing range: 20 feet • Call notifications via Bluetooth 4.0 • Syncing to computers requires Internet connection and USB port • Syncing to mobile devices requires Bluetooth and Internet connection • Syncs with Windows Vista and later, Mac OS X 10.6 and up, iPhone 4S and later, iPad 3 gen. and later, and leading Android and Windows devices </div> <p>Source: Fitbit, Inc., <i>Charge</i> (2017), https://www.fitbit.com/charge.</p> <div data-bbox="289 905 672 1407">  </div> <div data-bbox="911 926 1494 1207"> <h3>Processor</h3> <p>At the heart of this Fitbit is an <u>ST Microelectronics STM32L151C6</u> microcontroller. This is a 32-bit microcontroller with an ARM cortex M3 core inside of it.</p> <p>Also in the Fitbit Charge, is a barometric pressure sensor that is used to measure the change in altitude for activities such as climbing stairs. The pressure sensor used in the Fitbit Charge is a <u>TE Connectivity/M Measurement Specialties MS5805</u>.</p> </div> <p>Source: EETech Media, LLC., <i>All About Circuits Teardown Tuesday: Fitbit Charge Fitness Tracker</i> (2017), available at https://www.allaboutcircuits.com/news/teardown-tuesday-fitbit-charge-fitness-tracker/.</p> <p>Open the app and follow the instructions to create a Fitbit account and set up your Charge. You can set up and sync wirelessly if your computer has Bluetooth®, otherwise you'll need to use the <u>wireless</u> sync dongle that came in the box with your Fitbit Charge.</p> <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p data-bbox="310 289 1409 338">Syncing your tracker data to your Fitbit account</p> <p data-bbox="310 373 1484 495">Once you've set up and started using Charge, you'll need to make sure it regularly transfers (syncs) its data to Fitbit so you can track your progress, see your exercise history, earn badges, analyze your sleep logs, and more on your Fitbit dashboard. A daily sync is recommended but not required.</p> <p data-bbox="310 527 1495 680">The Fitbit apps use Bluetooth Low Energy (BLE) technology to sync with your Fitbit tracker. Each time you open the app it will sync if the tracker is nearby, and the app will also sync periodically throughout the day if you have the all-day sync setting enabled. If you're running the Fitbit app on a Windows 10 PC that doesn't have Bluetooth, you'll need to make sure the tracker is connected to the computer.</p> <p data-bbox="310 714 1481 867">Fitbit Connect on a Mac® also uses Bluetooth for syncing (if available), otherwise you'll need to make sure your wireless sync dongle is plugged into the computer. Fitbit Connect on a PC requires that you plug in your wireless sync dongle. You can force Fitbit Connect to sync at any time or it will happen automatically every 15 minutes if:</p> <ul data-bbox="358 905 1354 974" style="list-style-type: none">• The tracker is within 15-20 feet of your computer.• The computer is powered on, awake, and connected to the Internet. <p data-bbox="289 1003 1333 1073"><i>Source:</i> Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>


U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="302 289 1052 346">Tracking with Fitbit Charge</div> <div data-bbox="302 380 579 409">Your Charge tracks:</div> <div data-bbox="347 447 636 693"> <ul style="list-style-type: none"> • Steps taken • Distance traveled • Floors climbed • Calories burned • Active minutes • Hours slept • Quality of sleep </div> <div data-bbox="302 741 1386 800">NOTE: Active minutes do not appear on the display; you can see them on your dashboard and in the Fitbit app.</div> <div data-bbox="302 844 1474 930">To scroll through your stats simply press the button on the side of your Charge. You'll see the time followed by an icon and stat in turn. If you have an alarm set, your display will also show the next alarm time.</div> <div data-bbox="457 1016 1190 1100">  </div> <div data-bbox="490 1140 1156 1169">Steps Distance Floors Calories</div> <div data-bbox="285 1199 1334 1270"> <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p> </div> <div data-bbox="305 1331 646 1379">Tracking goals</div> <div data-bbox="305 1415 1503 1478">Your Charge is designed to track your progress towards a main fitness goal that you define on your fitbit.com dashboard. The goal can be set for steps taken, distance</div>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p>traveled, calories burned, or floors climbed. A progress bar below your goal keeps you motivated throughout the day. When you reach your goal, Charge will vibrate and flash to celebrate.</p> <p>To choose the specific goal you want to track:</p> <ol style="list-style-type: none"> 1. Log in to your fitbit.com dashboard. 2. Click the gear icon in the top-right corner of the page. 3. Click Settings. 4. Find and edit the Daily Goal Progress setting. 5. Sync your Charge to send the new goal to your tracker. <p>Once you've chosen which goal you want to track, you can set a specific value for that goal on the fitbit.com dashboard page or using the Fitbit app for mobile. For example, instead of the default 10,000 steps per day, you may want your goal to be 15,000 per day. To change your goal value using your dashboard:</p> <ol style="list-style-type: none"> 1. Log into your fitbit.com dashboard. 2. Find the tile that corresponds to your goal. 3. Click the gear icon in the lower left corner of the tile. 4. Change your Daily Goal value. 5. Sync your Charge to send the new goal value to your tracker. <p><i>Source: Fitbit, Inc., Charge Product Manual (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</i></p> <p>As another example, the Accused Products include a processor configured to receive data signals via a Bluetooth transceiver, a network interface. The Bluetooth transceiver is configured to receive signals transmitted by a smartphone (i.e. a second mobile device), e.g., the Fitbit app is available for more than 200 mobile devices that support iOS, Android, and Windows 10 operating systems. Specifically, the processor in the Accused Product is configured to receive data via the Bluetooth transceiver when the user of the Fitbit application ("app") configures the Daily activity goal, which sets the daily goal based on Fitbit app settings.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="386 279 1416 1312"> </div> <p data-bbox="386 1312 1390 1350">Source: Fitbit, Inc., <i>Charge</i> (2017), available at https://www.fitbit.com/charge</p> <p data-bbox="272 1388 1515 1497">The Fitbit app on the mobile device (e.g. Android or Apple smartphone) connects to the Accused Product via Bluetooth. Next, the Fitbit app transmits the daily activity goal to the Accused Product for the user as shown below.</p>


U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="289 279 1485 1449"> <h2>Activity & Workouts</h2> <p>Find more insights on your performance and the motivation to keep moving.</p> <div>  <h3>MobileRun®</h3> <p>Enhance runs, walks and hikes by using the Fitbit app on your smartphone to track pace, time and distance. You can also control your music and use voice cues to stay in command. Learn more.</p> </div> <div>  <h3>Track Exercise</h3> <p>Use your Fitbit tracker to record workouts or log them in the app, then see all your exercise stats, their impact on your overall day, and how your performance is improving.</p> </div> <div>  <h3>Exercise Calendar</h3> <p>Logged workouts will pop up in your exercise calendar so you can look back on what you've accomplished, and use data & trends to make progress toward your goal.</p> </div> <div>  <h3>Exercise Sharing</h3> <p>Use the Fitbit app to share a view or a selfie once you've reached the peak of your workout. Your pic and stats can be sent to friends and followers on any social channel, or through email and text.</p> </div>  </div> <p>Source: Fitbit, Inc., <i>Fitbit Charge</i>, App “Activity & Workouts” (2017) available at https://www.fitbit.com/app.</p> <p>Further, the Fitbit App on the mobile device, for example, synchronizes (“syncs”) with the Accused Product. As shown below, the Fitbit App on the mobile device automatically transfers data to the Accused Product, such as settings or configurations, via Bluetooth Low Energy (BLE) technology.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p>Once you've chosen which goal you want to track, you can set a specific value for that goal on the fitbit.com dashboard page or using the Fitbit app for mobile. For example, instead of the default 10,000 steps per day, you may want your goal to be 15,000 per day. To change your goal value using your dashboard:</p> <ol style="list-style-type: none"> 1. Log into your fitbit.com dashboard. 2. Find the tile that corresponds to your goal. 3. Click the gear icon in the lower left corner of the tile. 4. Change your Daily Goal value. 5. Sync your Charge to send the new goal value to your tracker. <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>
determine a change in a display signal based at least in part on the first data signal and the second sensor signal;	<p>The Accused Product includes a processor configured to determine a change in a display signal based at least in part on the first data signal and the second sensor signal.</p> <p>For example, the Accused Product tracks the progress towards a daily goal as the data. In particular, the Accused Product uses its processor that is configured to determine the changes in the screens (i.e. display signal) based on the user's steps and statistics on the steps taken (i.e. first data signal) and the user's interaction or navigation with the tap display input device (i.e. second sensor signal) that sets up the a tracking exercise.</p> <p>The pictures below show that the Accused Product allows for the user to interact with the touchscreen and tracks a variety of user's stats. Further, the pictures provide how the user can navigate the exercise menu on the Accused Product, and as an example, the Accused Product may determine a change in the display screen based on the user's daily activity goal.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<div data-bbox="302 289 1052 348">Tracking with Fitbit Charge</div> <div data-bbox="302 380 579 411">Your Charge tracks:</div> <div data-bbox="345 445 638 693"> <ul style="list-style-type: none"> • Steps taken • Distance traveled • Floors climbed • Calories burned • Active minutes • Hours slept • Quality of sleep </div> <div data-bbox="302 739 1386 800">NOTE: Active minutes do not appear on the display; you can see them on your dashboard and in the Fitbit app.</div> <div data-bbox="302 842 1476 930">To scroll through your stats simply press the button on the side of your Charge. You'll see the time followed by an icon and stat in turn. If you have an alarm set, your display will also show the next alarm time.</div> <div data-bbox="457 1016 1190 1100">  </div> <div data-bbox="490 1138 1157 1169">Steps Distance Floors Calories</div> <div data-bbox="285 1197 1331 1270">Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf</div> <div data-bbox="305 1329 646 1379">Tracking goals</div> <div data-bbox="305 1413 1503 1476">Your Charge is designed to track your progress towards a main fitness goal that you define on your fitbit.com dashboard. The goal can be set for steps taken, distance</div>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p>traveled, calories burned, or floors climbed. A progress bar below your goal keeps you motivated throughout the day. When you reach your goal, Charge will vibrate and flash to celebrate.</p> <p>To choose the specific goal you want to track:</p> <ol style="list-style-type: none"> 1. Log in to your fitbit.com dashboard. 2. Click the gear icon in the top-right corner of the page. 3. Click Settings. 4. Find and edit the Daily Goal Progress setting. 5. Sync your Charge to send the new goal to your tracker. <p>Once you've chosen which goal you want to track, you can set a specific value for that goal on the fitbit.com dashboard page or using the Fitbit app for mobile. For example, instead of the default 10,000 steps per day, you may want your goal to be 15,000 per day. To change your goal value using your dashboard:</p> <ol style="list-style-type: none"> 1. Log into your fitbit.com dashboard. 2. Find the tile that corresponds to your goal. 3. Click the gear icon in the lower left corner of the tile. 4. Change your Daily Goal value. 5. Sync your Charge to send the new goal value to your tracker. <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p data-bbox="305 285 711 331">Tracking exercise</p> <p data-bbox="305 367 1507 462">As mentioned above, your Charge automatically tracks several stats throughout the day. Using the exercise mode feature, you can choose to track stats for a specific activity as well.</p> <p data-bbox="305 495 1515 651">For example, if you put your tracker in exercise mode and go for a run, you can view stats measured for that run, such as calories burned or steps taken. When you end exercise mode at the end of the run and sync your data, you'll see an entry for a "Workout" exercise on your dashboard. The entry provides a summary of the activity's stats as well as a minute-by-minute graph.</p> <p data-bbox="305 716 909 753">Starting and using exercise mode</p> <p data-bbox="305 785 623 812">To use exercise mode:</p> <ol data-bbox="350 848 1498 1182" style="list-style-type: none"> 1. Press and hold the button until a stopwatch icon appears. The timer starts counting immediately and elapsed time is displayed. 2. To view stats being tracked during the exercise, press the button to advance through the stats, which are displayed in the following order: <ul style="list-style-type: none"> • elapsed time • calories burned • steps taken • distance covered • floors climbed • time of day <p data-bbox="292 1230 1333 1297">Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p> <p data-bbox="276 1339 1520 1478">In another example, the Accused Product displays and tracks the user's heart rate, steps, distance, calories burned, stairs climbed and active minutes. When the user uses Exercise Mode by using feature SmartTrack, the display changes and gives the user real-time states on your wrist, as illustrated below.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	 <p>Source: Fitbit, Inc., <i>Charge</i> (2017), available at https://www.fitbit.com/charge.</p>
<p>determine a haptic effect based at least in part on the first data signal; and</p>	<p>The Accused Products include a processor configured to determine a haptic effect based at least in part on the first data signal.</p> <p>For example, the Accused Products provide a processor configured to determine a particular haptic feedback, e.g. vibration or tactile pulse pattern (i.e. haptic effect) based at least in part on the user's stats and steps taken (i.e. first data signal).</p> <p>The following pictures below show that the Accused Product contains haptic feedback, via a vibration motor. As an example, the pictures below show that the Accused Product may determine a haptic feedback based on the user's stat, such as the user meeting the 10,000 steps goal.</p> <h3>Sensors and motors</h3> <p>Your Charge uses a MEMS 3-axis accelerometer to measure your motion patterns and determine your steps taken, distance traveled, calories burned, and sleep quality. Charge also contains:</p> <ul style="list-style-type: none"> • An altimeter, which measures floors climbed • A vibration motor, which allows it to vibrate when alarms go off, when you reach a goal, and when you receive call notifications <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>


U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p>Tracking goals</p> <p>Your Charge is designed to track your progress towards a main fitness goal that you define on your fitbit.com dashboard. The goal can be set for steps taken, distance traveled, calories burned, or floors climbed. A progress bar below your goal keeps you motivated throughout the day. When you reach your goal, Charge will vibrate and flash to celebrate.</p> <p>To choose the specific goal you want to track:</p> <ol style="list-style-type: none"> 1. Log in to your fitbit.com dashboard. 2. Click the gear icon in the top-right corner of the page. 3. Click Settings. 4. Find and edit the Daily Goal Progress setting. 5. Sync your Charge to send the new goal to your tracker. <p>Once you've chosen which goal you want to track, you can set a specific value for that goal on the fitbit.com dashboard page or using the Fitbit app for mobile. For example, instead of the default 10,000 steps per day, you may want your goal to be 15,000 per day. To change your goal value using your dashboard:</p> <ol style="list-style-type: none"> 1. Log into your fitbit.com dashboard. 2. Find the tile that corresponds to your goal. 3. Click the gear icon in the lower left corner of the tile. 4. Change your Daily Goal value. 5. Sync your Charge to send the new goal value to your tracker. <p><i>Source: Fitbit, Inc., Charge Product Manual (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</i></p>
outputting the haptic effect.	<p>The Accused Products include a processor configured to output the haptic effect.</p> <p>For example, the Accused Products include a processor configured to output the haptic feedback (i.e. haptic effect).</p> <p>The pictures below provide that the Accused Product is configured to output the haptic feedback (i.e. haptic effect). As an example, the Accused Product vibrates with alarms, goals, and notifications, such as the user meeting the 10,000 steps goal.</p>

U.S. Patent No. 8,638,301	Fitbit, Inc. Accused Products
	<p data-bbox="289 287 756 331">Sensors and motors</p> <p data-bbox="289 371 1520 464">Your Charge uses a MEMS 3-axis accelerometer to measure your motion patterns and determine your steps taken, distance traveled, calories burned, and sleep quality. Charge also contains:</p> <ul data-bbox="337 504 1459 604" style="list-style-type: none"> • An altimeter, which measures floors climbed • A vibration motor, which allows it to vibrate when alarms go off, when you reach a goal, and when you receive call notifications <p data-bbox="289 646 1333 718">Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p> <hr/> <p data-bbox="323 779 659 825">Tracking goals</p> <p data-bbox="308 863 1520 1037">Your Charge is designed to track your progress towards a main fitness goal that you define on your fitbit.com dashboard. The goal can be set for steps taken, distance traveled, calories burned, or floors climbed. A progress bar below your goal keeps you motivated throughout the day. When you reach your goal, Charge will vibrate and flash to celebrate.</p> <p data-bbox="308 1071 984 1102">To choose the specific goal you want to track:</p> <ol data-bbox="355 1136 1216 1295" style="list-style-type: none"> 1. Log in to your fitbit.com dashboard. 2. Click the gear icon in the top-right corner of the page. 3. Click Settings. 4. Find and edit the Daily Goal Progress setting. 5. Sync your Charge to send the new goal to your tracker. <p data-bbox="308 1329 1533 1455">Once you've chosen which goal you want to track, you can set a specific value for that goal on the fitbit.com dashboard page or using the Fitbit app for mobile. For example, instead of the default 10,000 steps per day, you may want your goal to be 15,000 per day. To change your goal value using your dashboard:</p> <ol data-bbox="355 1488 1300 1648" style="list-style-type: none"> 1. Log into your fitbit.com dashboard. 2. Find the tile that corresponds to your goal. 3. Click the gear icon in the lower left corner of the tile. 4. Change your Daily Goal value. 5. Sync your Charge to send the new goal value to your tracker. <p data-bbox="303 1652 1349 1724">Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>

Claim 28	Fitbit, Inc. Accused Products
<p>The system of claim 27, wherein the first sensor and the second sensor are each configured to detect one or more of: contact, pressure, acceleration, inclination, inertia, or location.</p>	<p>The Accused Products provide that the first sensor and the second sensor are each configured to detect one or more of: contact, pressure, acceleration, inclination, inertia, or location.</p> <p>For example, the Accused Products provide that the first sensor (i.e. 3-axis accelerometer) and the second sensor (i.e. tap gesture) are each configured to detect one or more of: contact, pressure, acceleration, inclination, inertia, or location.</p> <p>The pictures below show that the Accused Product contains a tap gesture (i.e. contact pressure), 3-axis accelerometer (i.e. acceleration), and an altimeter (i.e. inclination and inertia).</p> <div data-bbox="302 573 558 1173" data-label="Image"> </div> <div data-bbox="919 573 1383 1304" data-label="Image"> </div> <p>Source: Fitbit, Inc., <i>Charge</i> (2017), available at https://www.fitbit.com/charge.</p> <h3>Sensors and motors</h3> <p>Your Charge uses a MEMS 3-axis accelerometer to measure your motion patterns and determine your steps taken, distance traveled, calories burned, and sleep quality. Charge also contains:</p> <ul style="list-style-type: none"> • An altimeter, which measures floors climbed • A vibration motor, which allows it to vibrate when alarms go off, when you reach a goal, and when you receive call notifications <h3>Battery</h3> <p>Charge contains a rechargeable lithium-polymer battery.</p>

Claim 28	Fitbit, Inc. Accused Products
	<p>Settings allow you to change:</p> <ul style="list-style-type: none"> • Display Settings: Hide and show items to customize what you see on your Charge's OLED display. You can also drag items up and down to change the order in which they appear. • Daily Goal Progress: Choose which goal you want your Charge to track for you throughout the day. You can edit the value of this goal from the Fitbit app or on the fitbit.com dashboard. • Tap Gesture: If you want your Charge to respond to taps, choose whether you want the clock or your main goal displayed when you double tap your Charge. • Clock Display: Choose from four different clock styles. • Dominant Wrist: Choose which wrist you wear your Charge on to get the most accurate data readings. • Sleep Tracking: Set the sensitivity of your sleep tracking by changing this setting. The Normal setting, which is the default, is appropriate for most people. If you are a sound sleeper, you can choose Sensitive to capture the smallest movements of your body. • Silent Alarms: Add, edit and delete silent alarms on your Charge. <hr/> <p>NOTE: You must sync your Charge in order to apply any changed settings.</p> <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>

Claim 29	Fitbit, Inc. Accused Products
<p>The system of claim 27, wherein the second sensor comprises a touch-screen.</p>	<p>The Accused Products provide the second sensor comprises a touch-screen.</p> <p>For example, the Accused Products provide the second sensor comprises a tap gesture (i.e. touchscreen).</p> <p>As shown below, the Accused Product contains a tap gesture (i.e. second sensor).</p> <p>Settings allow you to change:</p> <ul style="list-style-type: none"> • Display Settings: Hide and show items to customize what you see on your Charge's OLED display. You can also drag items up and down to change the order in which they appear. • Daily Goal Progress: Choose which goal you want your Charge to track for you throughout the day. You can edit the value of this goal from the Fitbit app or on the fitbit.com dashboard. • Tap Gesture: If you want your Charge to respond to taps, choose whether you want the clock or your main goal displayed when you double tap your Charge. • Clock Display: Choose from four different clock styles. • Dominant Wrist: Choose which wrist you wear your Charge on to get the most accurate data readings. • Sleep Tracking: Set the sensitivity of your sleep tracking by changing this setting. The Normal setting, which is the default, is appropriate for most people. If you are a sound sleeper, you can choose Sensitive to capture the smallest movements of your body. • Silent Alarms: Add, edit and delete silent alarms on your Charge. <hr/> <p>NOTE: You must sync your Charge in order to apply any changed settings.</p> <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 13, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>

Claim 31	Fitbit, Inc. Accused Products
<p>The system of claim 27, wherein the processor is further configured to transmit a second data signal to the network interface, and the network interface is further configured to transmit the second data signal to the second mobile device.</p>	<p>The Accused Products provide the processor is further configured to transmit a second data signal to the network interface, and the network interface is further configured to transmit the second data signal to the second mobile device.</p> <p>For example, as the picture below shows in the red boxes, the Accused Product provides that the processor is further configured to transmit information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results (i.e. second data signal) to the Bluetooth transceiver (i.e. network interface), and the Bluetooth transceiver (i.e. network interface) is further configured to transmit the information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results to smartphone, such as an iPhone or Android smartphone (i.e. second mobile device). By way of example, as shown in the red boxes in the picture below, the Accused Product provides that the processor is further configured to transmit or sync the information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results to the Bluetooth transceiver, and the Bluetooth transceiver is further configured to transmit the information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results to the Fitbit dashboard on a user's smartphone, such as an iPhone or Android smartphone.</p> <div data-bbox="321 898 1458 1348" style="border: 2px solid red; padding: 10px;"> <p>Tracking with Fitbit Charge</p> <p>Your Charge tracks:</p> <ul style="list-style-type: none"> • Steps taken • Distance traveled • Floors climbed • Calories burned • Active minutes • Hours slept • Quality of sleep </div> <div data-bbox="321 1369 1477 1459" style="border: 2px solid red; padding: 5px;"> <p>NOTE: Active minutes do not appear on the display; you can see them on your dashboard and in the Fitbit app.</p> </div> <p>To scroll through your stats simply press the button on the side of your Charge. You'll see the time followed by an icon and stat in turn. If you have an alarm set, your display will also show the next alarm time.</p> <div data-bbox="483 1659 1227 1816" style="text-align: center;">  <div style="display: flex; justify-content: space-around; margin-top: 5px;"> Steps Distance Floors Calories </div> </div> <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 9, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p>

Claim 31	Fitbit, Inc. Accused Products
	<p>By way of another example, as the picture below shows in the red boxes, the Accused Product provides that the processor is further configured to transmit information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results (i.e. second data signal) to the Bluetooth transceiver (i.e. network interface), and the Bluetooth transceiver (i.e. network interface) is further configured to transmit the information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results to smartphone, such as an iPhone or Android smartphone (i.e. second mobile device). For instance, as shown in the red boxes in the picture below, the Accused Product provides that the processor is further configured to transmit or sync information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results to the Bluetooth transceiver, and the Bluetooth transceiver is further configured to transmit the information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results to the Fitbit dashboard on a user's smartphone, such as an iPhone or Android smartphone.</p> <p>traveled, calories burned, or floors climbed. A progress bar below your goal keeps you motivated throughout the day. When you reach your goal, Charge will vibrate and flash to celebrate.</p> <p>To choose the specific goal you want to track:</p> <ol style="list-style-type: none"> 1. Log in to your fitbit.com dashboard. 2. Click the gear icon in the top-right corner of the page. 3. Click Settings. 4. Find and edit the Daily Goal Progress setting. 5. Sync your Charge to send the new goal to your tracker. <div style="border: 2px solid red; padding: 10px; margin: 10px 0;"> <p>Once you've chosen which goal you want to track, you can set a specific value for that goal on the fitbit.com dashboard page or using the Fitbit app for mobile. For example, instead of the default 10,000 steps per day, you may want your goal to be 15,000 per day. To change your goal value using your dashboard:</p> <ol style="list-style-type: none"> 1. Log into your fitbit.com dashboard. 2. Find the tile that corresponds to your goal. 3. Click the gear icon in the lower left corner of the tile. 4. Change your Daily Goal value. 5. Sync your Charge to send the new goal value to your tracker. </div> <p>Source: Fitbit, Inc., <i>Charge Product Manual</i> (2017), p. 9, available at https://staticcs.fitbit.com/content/assets/help/manuals/manual_charge_en_US.pdf.</p> <p>By way of another example, as the picture below shows in the red boxes, the Accused Product provides that the processor is further configured to transmit information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results (i.e. second data signal) to the Bluetooth transceiver (i.e. network interface), and the Bluetooth transceiver (i.e. network interface) is further configured to transmit the information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results to smartphone, such as an iPhone or Android smartphone (i.e. second mobile device). Accordingly, the Accused Product provides that the processor is further configured to transmit information corresponding to a summary of a user's tracked statistics and results,</p>

Claim 31	Fitbit, Inc. Accused Products								
	<p>including daily activity goal results (i.e. second data signal) to the Bluetooth transceiver (i.e. network interface), and the Bluetooth transceiver (i.e. network interface) is further configured to transmit the information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results data to smartphone, such as an iPhone or Android smartphone, by syncing or transferring the information corresponding to a summary of a user's tracked statistics and results, including daily activity goal results data collected from the tracker to the Fitbit dashboard.</p> <div data-bbox="446 506 1414 726" style="border: 2px solid red; padding: 10px; margin: 10px 0;"> <p>WHAT IS SYNCING?</p> <p><i>Syncing</i> is the process that transfers the data your tracker collects to your Fitbit dashboard. The dashboard is where you can track your progress, see how you slept, set goals, log food and water, challenge friends, and much more. Your tracker uses Bluetooth Low Energy (BLE) technology to sync with mobile devices and certain computers. The instructions in How do I set up my tracker? explain how to make sure your Fitbit tracker can sync with the mobile device or computer you prefer.</p> </div> <div data-bbox="446 747 1393 1056" style="border: 2px solid red; padding: 10px; margin: 10px 0;"> <p>WHEN DOES MY TRACKER SYNC?</p> <p>If your tracker is paired to the Fitbit app on a mobile device, it syncs every time you open the app. It can also sync periodically throughout the day if you have All-Day sync turned on. If you sync your tracker with a computer and Fitbit Connect, it syncs automatically every 15 to 30 minutes assuming the tracker and computer are in proximity, and the dongle is plugged in, if applicable.</p> <p>You can also initiate a sync whenever you like if your tracker is nearby. If you're using an iOS or Android mobile device, you can sync your tracker from the Fitbit app dashboard by touching your tracker image at the top of the screen and pulling down. Choose a section to see syncing instructions.</p> </div> <div data-bbox="459 1077 1403 1354" style="margin: 10px 0;"> <table> <tr> <td>IOS DEVICES</td> <td>✓</td> </tr> <tr> <td>ANDROID DEVICES</td> <td>✓</td> </tr> <tr> <td>WINDOWS 10 MOBILE DEVICES AND COMPUTERS</td> <td>✓</td> </tr> <tr> <td>MAC OR WINDOWS 8.1 COMPUTERS</td> <td>✓</td> </tr> </table> </div> <p>Source: Fitbit, Inc., <i>How do Fitbit devices sync their data?</i> (2017), available at http://help.fitbit.com/articles/en_US/Help_article/1877?p=charge_2&c=Topics%3AAndroid&l=en_US&fs=Search&pn=1.</p>	IOS DEVICES	✓	ANDROID DEVICES	✓	WINDOWS 10 MOBILE DEVICES AND COMPUTERS	✓	MAC OR WINDOWS 8.1 COMPUTERS	✓
IOS DEVICES	✓								
ANDROID DEVICES	✓								
WINDOWS 10 MOBILE DEVICES AND COMPUTERS	✓								
MAC OR WINDOWS 8.1 COMPUTERS	✓								