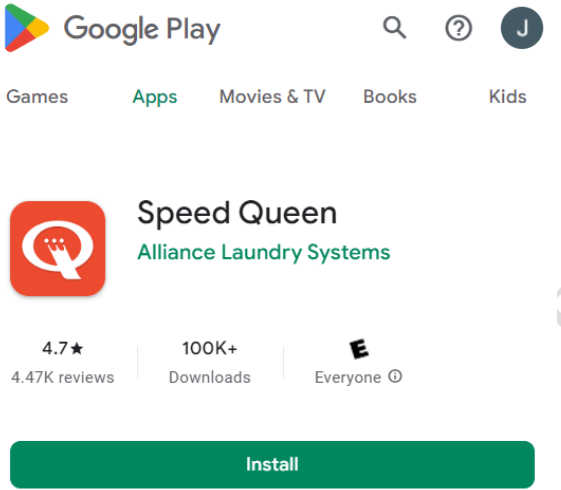

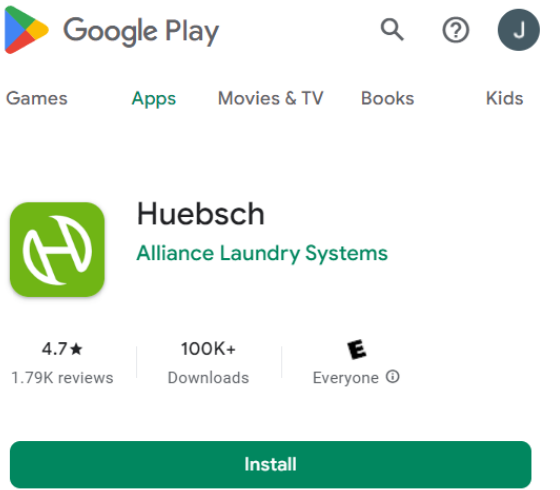



# **EXHIBIT L**

**CONFIDENTIAL – SUBJECT TO FRE 408**  
**U.S. Patent Number 11,481,772 – Alliance Claim Infringement Chart**

Claim Language	Infringement
<p>1. A method of presenting representations of payment accepting unit events, comprising:</p>	<p>Alliance directly infringes Claim 11 under 35 U.S.C. § 271(a) when it operates a mobile device to carry out a method of presenting representations of payment accepting unit events as recited in claim 11 of the '772 Patent, which depends on independent claim 1. Specifically, Alliance installs and operates the “Speed Queen” and the “Huebsch” apps Android devices and iPhones to carry out the method recited in claim 11.</p> <p>Alliance also induces infringement of the '772 patent under 35 U.S.C. § 271(b) by actively encouraging infringement by its business partners and customers. Specifically, Alliance intends to cause its business partners and customers to infringe by actively encouraging them to download the Speed Queen app and Huebsch app from the Google Play store and the Apple App store to a mobile device and actively encouraging them to then use those applications to carry out the method recited in claim 11 of the '772 Patent. Alliance does so with knowledge that the acts it encourages result in direct infringement of the '772 Patent by its business partners and customers.</p> <p>Alliance also contributes to infringement of the '772 patent under 35 U.S.C. § 271(c) because the Speed Queen app and Huebsch app are each a component of a patented machine or an apparatus (a mobile device in combination with the installed apps) used in practicing a patented process, constituting a material part of PayRange’s invention, with Alliance knowing that the apps are especially made or especially adapted to be installed on the mobile devices for use in infringement of claim 11 of the '772 Patent. The Speed Queen app and the Huebsch app have no substantial non-infringing uses.</p> <p>More specifically, Alliance developed, tested, operated, and placed the Speed Queen and Huebsch apps on the Google Play store and the Apple App store. <i>See, e.g.</i>, References 1-4. Alliance encourages its business partners and customers to download those applications on Android devices and iPhones and instructs them to carry out the method recited by claim 11 on its websites (for example, <a href="https://speedqueenlaundry.com/app/">https://speedqueenlaundry.com/app/</a>, provided herewith as Reference 10 and <a href="https://huebsch.com/command/customer-app/">https://huebsch.com/command/customer-app/</a>, provided herewith as Reference 7), in videos (for example, the instructional YouTube videos provided herewith as References 5 and 6), in Google Play store and the Apple App store materials (provided as References 1-4), at laundry facilities, and in other online and in-person advertisements.</p>

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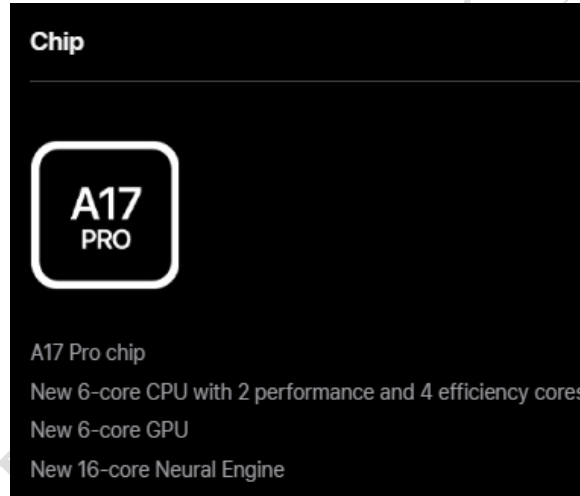
	 <p>The Speed Queen app on the Google Play store, showing over 100,000 Downloads.</p> <p>App Store Preview</p>  <p>The Speed Queen app on the Apple app store.</p>	 <p>The Huebsch app on the Google Play store, showing over 100,000 Downloads.</p> <p>App Store Preview</p>  <p>The Huebsch app on the Apple app store.</p>
<p>at a mobile device with one or more processors, memory, one or more output devices including a display, and one or more radio transceivers:</p>	<p>As discussed above, Alliance places the Speed Queen and Huebsch apps on the Google Play store and the Apple App store. <i>See, e.g.</i>, References 1-4. Alliance encourages its business partners and customers to download those applications on Android devices and iPhones and instructs them to carry out the method recited by claim 11 on its websites (for example, <a href="https://speedqueenlaundry.com/app/">https://speedqueenlaundry.com/app/</a>, provided herewith as Reference 10 and <a href="https://huebsch.com/command/customer-app/">https://huebsch.com/command/customer-app/</a>, provided herewith as Reference 7), in videos (for example, the instructional YouTube videos provided herewith as References 5 and 6), in Google</p>	

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Play store and the Apple App store materials (provided as References 1-4), at laundry facilities, and in other online and in-person advertisements. Once downloaded, these apps are stored in memory of an Android device or iPhone and configured to operate by and with processors, displays, and one or more radio transceivers resident on the Android and iPhone devices.

More specifically, all Android devices and iPhones have one or more processors, memory, one or more output devices including a display, and one or more radio transceivers. The technical specifications for the iPhone 15 Pro and Samsung Galaxy S24 shown below are representative for other iPhones and Android devices. *See, e.g.,* References 8 and 9.

iPhones have one or more processors:

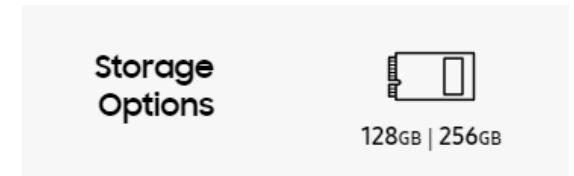


Android devices have one or more processors:

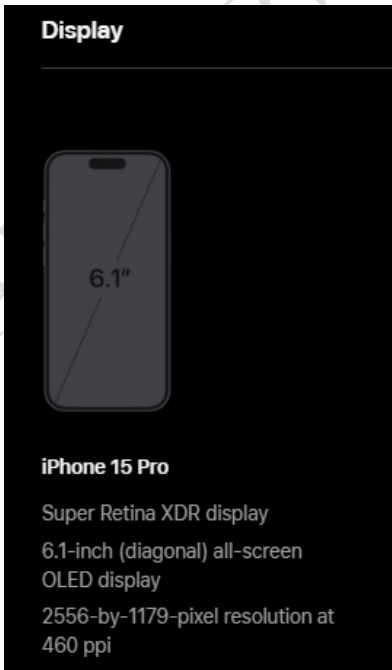

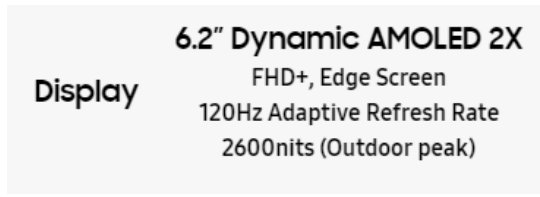


iPhones have memory:

Android devices have memory:



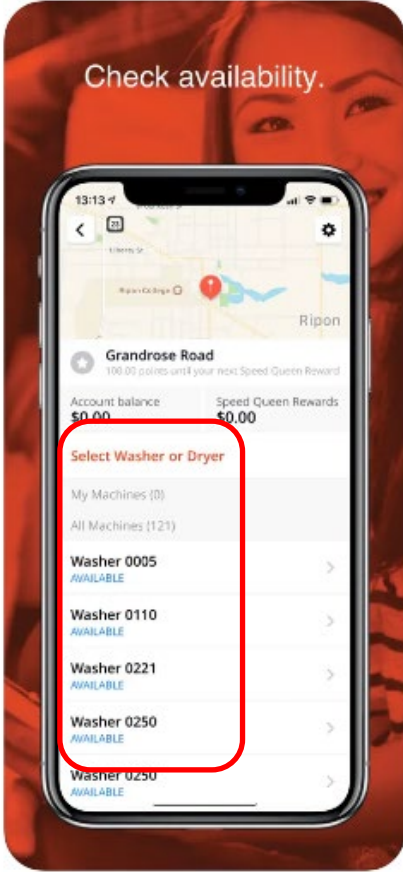
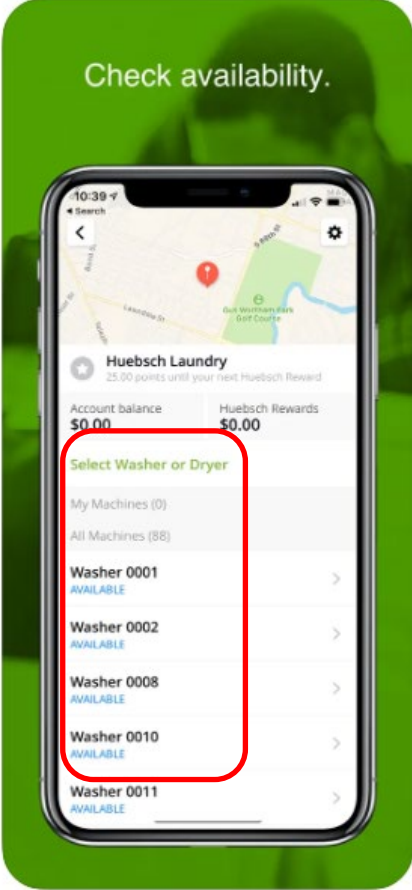
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	<p><b>Capacity<sup>1</sup></b></p> <hr/> <p><b>iPhone 15 Pro</b></p> <p>128GB 256GB 512GB 1TB</p>	
	<p>iPhones have a display:</p>  <p><b>Display</b></p> <hr/>  <p>6.1"</p> <p><b>iPhone 15 Pro</b></p> <p>Super Retina XDR display 6.1-inch (diagonal) all-screen OLED display 2556-by-1179-pixel resolution at 460 ppi</p>	<p>Android devices have a display:</p>  <p><b>Display</b></p> <p><b>6.2" Dynamic AMOLED 2X</b> FHD+, Edge Screen 120Hz Adaptive Refresh Rate 2600nits (Outdoor peak)</p>

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	<p>iPhones have one or more radio (e.g., cellular, Bluetooth, WIFI) transceivers:</p> <div data-bbox="787 316 1323 747" style="background-color: black; color: white; padding: 5px;"> <p><b>All models</b>                      5G (sub-6 GHz and mmWave) with 4x4 MIMO<sup>10</sup>                      Gigabit LTE with 4x4 MIMO and LAA<sup>10</sup>                      Wi-Fi 6E (802.11ax) with 2x2 MIMO<sup>11</sup>                      Bluetooth 5.3                      Second-generation Ultra Wideband chip<sup>12</sup>                      Thread networking technology                      NFC with reader mode                      Express Cards with power reserve</p> </div> <p>Android devices have one or more radio (e.g., cellular, Bluetooth, WIFI) transceivers:</p> <div data-bbox="1396 316 1974 479" style="background-color: #f0f0f0; padding: 5px;"> <p align="center"><b>Cellular &amp; Wireless</b></p> <p align="center"><b>5G</b></p> <p align="center">The latest network technology with the power of 5G.<sup>3</sup></p> </div>
<p>identifying one or more payment accepting units in proximity to the mobile device that are available to accept payment from a mobile payment application executing on the mobile device, the identifying based at least in part on an identifier corresponding to the one or more payment accepting units, wherein the one or more payment accepting units are payment operated machines that accept payment for dispensing of products and/or services;</p>	<p>The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device identifies one or more payment accepting units in proximity to the mobile device that are available to accept payment from a mobile payment application executing on the mobile device. The payment accepting units are washers and/or dryers, and the mobile device is the user’s Android device or iPhone.</p> <p>The identifying operation is based at least in part on an identifier corresponding to the one or more payment accepting units. Specifically, the apps identify washers and dryers with the word “Washer” or “Dryer” and a number. Those washers and dryers are payment operated machines that accept payment for dispensing of products and/or services. <i>See, e.g.,</i> References 2 and 4.</p>

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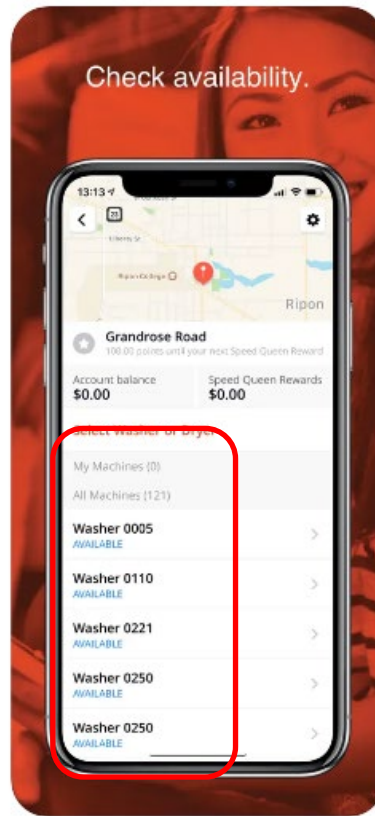
	 <p>The screenshot shows the Speed Queen app interface. At the top, it says "Check availability." Below that is a map showing a location in Ripon. The location is identified as "Grandrose Road" with a note "100.00 points until your next Speed Queen Reward". Below the map, it shows "Account balance \$0.00" and "Speed Queen Rewards \$0.00". A red box highlights the "Select Washer or Dryer" section, which lists several machines, all marked as "AVAILABLE":<ul style="list-style-type: none"><li>Washer 0005</li><li>Washer 0110</li><li>Washer 0221</li><li>Washer 0250</li><li>Washer 0250</li></ul></p>	 <p>The screenshot shows the Huebsch app interface. At the top, it says "Check availability." Below that is a map showing a location. The location is identified as "Huebsch Laundry" with a note "25.00 points until your next Huebsch Reward". Below the map, it shows "Account balance \$0.00" and "Huebsch Rewards \$0.00". A red box highlights the "Select Washer or Dryer" section, which lists several machines, all marked as "AVAILABLE":<ul style="list-style-type: none"><li>Washer 0001</li><li>Washer 0002</li><li>Washer 0008</li><li>Washer 0010</li><li>Washer 0011</li></ul></p>
	<p>The Speed Queen app identifies and displays payment accepting washers/dryers and displays their numerical identifiers.</p>	<p>The Huebsch app identifies and displays payment accepting washers/dryers and displays their numerical identifiers.</p>

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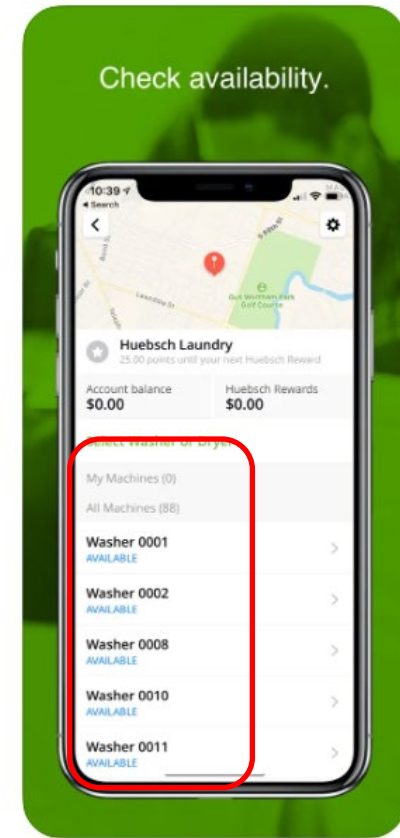
displaying a user interface of the mobile payment application on the display of the mobile device, the user interface being configured to display a visual indication of the one or more payment accepting units and accept user input to (i) receive selection by a user of the mobile device of an available payment accepting unit of the one or more payment accepting units and (ii) trigger payment by the mobile payment application for a transaction initiated by the user of the mobile device with the available payment accepting unit of the one or more payment accepting units;

The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device displays a user interface on the display of the mobile device.

The user interface is configured by the Speed Queen and Huesbch app to display a visual indication of the one or more payment accepting units and accept user input to (i) receive selection by a user of the mobile device of an available payment accepting unit of the one or more payment accepting units. Specifically, the user interface of the Speed Queen app and the Huebsch app displays a visual indication of available washers and dryers that can be selected. *See, e.g.,* References 2 and 4.



The Speed Queen app displays payment accepting washers/dryers that can be selected.

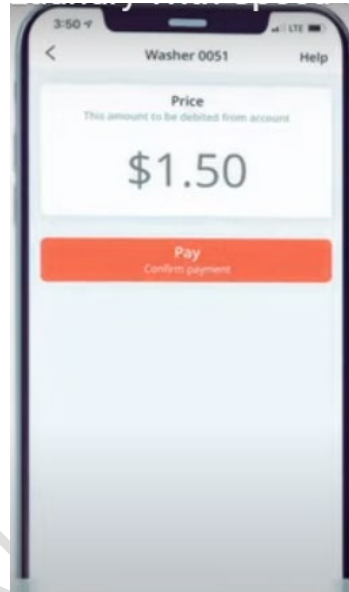


The Huebsch app displays payment accepting washers/dryers that can be selected.

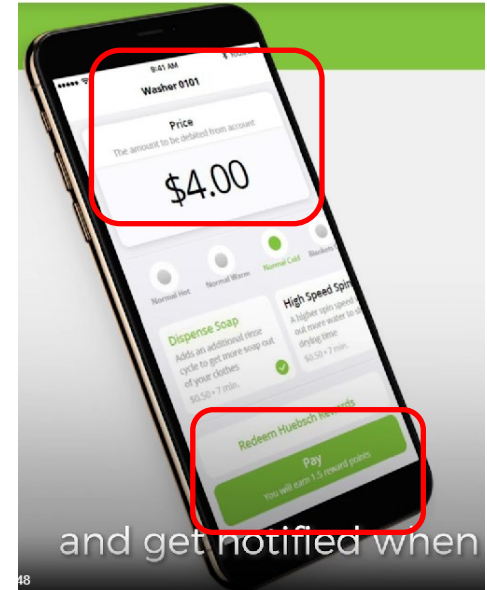


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The user interface is also configured by those apps to accept user input to (ii) trigger payment by the mobile payment application for a transaction initiated by the user of the mobile device with the available payment accepting unit of the one or more payment accepting units. Specifically, after a washer or dryer is selected, a user can trigger payment for a transaction with a selected washer or dryer by pressing the “Pay” button in the user interface. *See, e.g.*, References 5 and 6.



The Speed Queen app displays a user option to “Pay” that triggers payment.

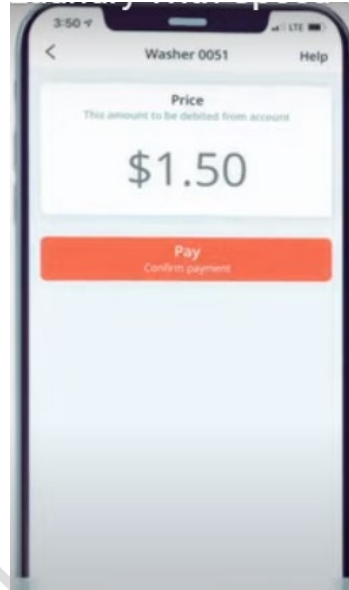


The Huebsch app displays a user option to “Pay” that triggers payment.

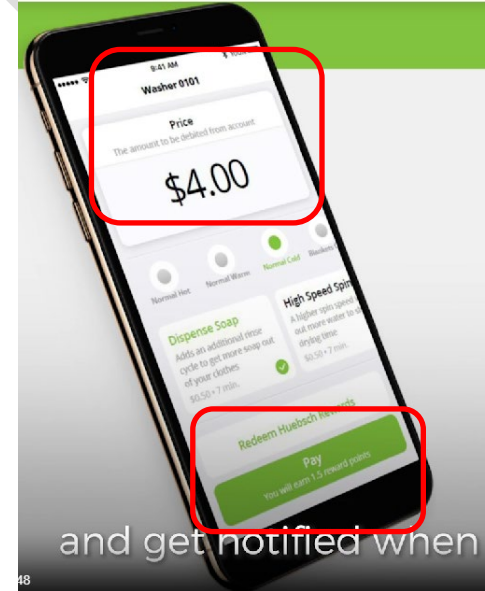
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establishing via the one or more radio transceivers a wireless communication path including the mobile device and the available payment accepting unit of the one or more payment accepting units;

The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device establishes a wireless communication path including the mobile device and the available payment accepting unit of the one or more payment accepting units over the internet. That wireless communication path is established via a radio transceiver, such as a cellular or WIFI transceiver. *See, e.g.*, References 5 and 6.



The Speed Queen app establishes a wireless communication path including the mobile device and the available washer or dryer via a radio transceiver, such as a cellular or WIFI transceiver.

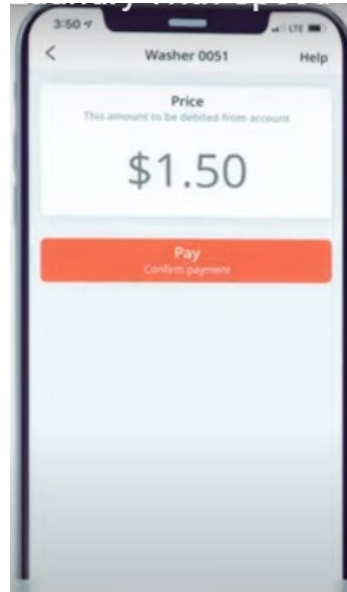


The Huebsch app establishes a wireless communication path including the mobile device and the available washer or dryer via a radio transceiver, such as a cellular or WIFI transceiver.

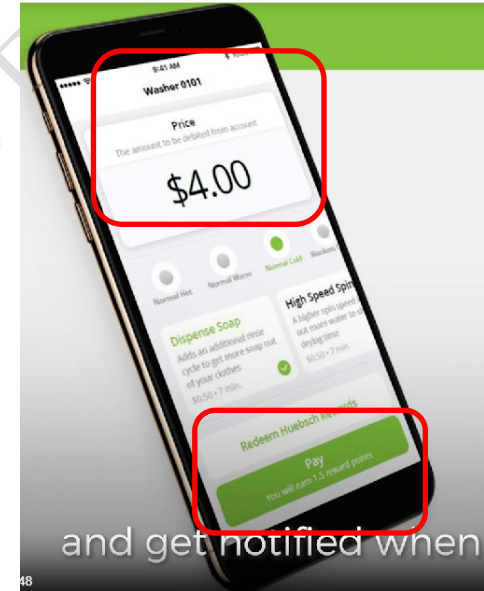
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after establishing the wireless communication path, enabling user interaction with the user interface of the mobile payment application to complete the transaction;

The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device enables user interaction with the user interface to complete the transaction via the “Pay” option. *See, e.g.*, References 5 and 6.



The Speed Queen app enables user interaction with the user interface to complete the transaction via the “Pay” option

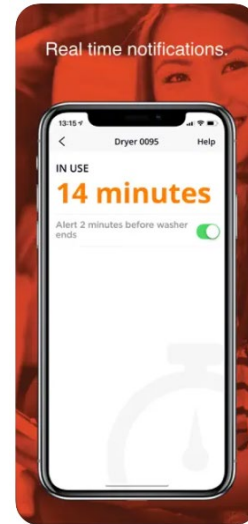


The Huebsch app enables user interaction with the user interface to complete the transaction via the “Pay” option

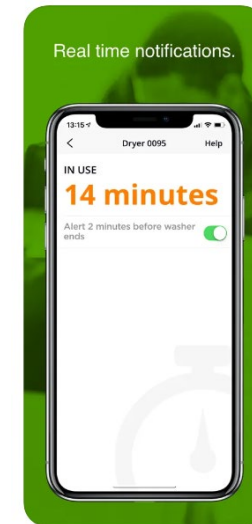
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exchanging information with the available payment accepting unit via the one or more radio transceivers, in conjunction with the transaction; and

The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device exchanges information with the washer or dryer, via the one or more radio transceivers (e.g., cellular or WIFI), in conjunction with the transaction. Specifically, each app using the cellular device exchanges information with the washer or dryer as part of a payment transaction with the washer or dryer to pay for using the washer or dryer. *See, e.g.,* References 2 and 4.



The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.

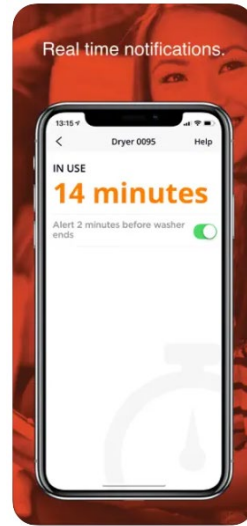


The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.

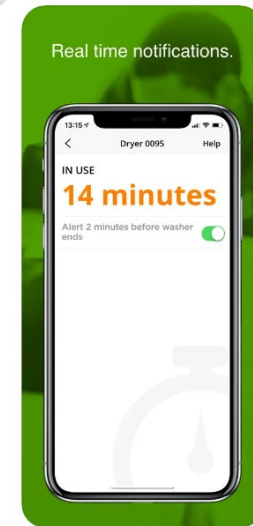
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after exchanging the information, displaying, on the display, an updated user interface of the mobile payment application to the user of the mobile device.

The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device each displays, on the display, an updated user interface to the user of the mobile device. Specifically, the updated user interface shows an “in use” screen and the remaining time for the washer or dryer. *See, e.g.*, References 2 and 4.



The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.



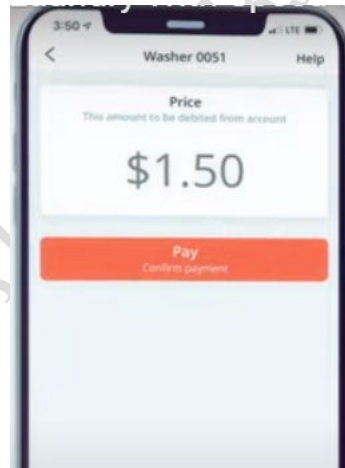
The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.

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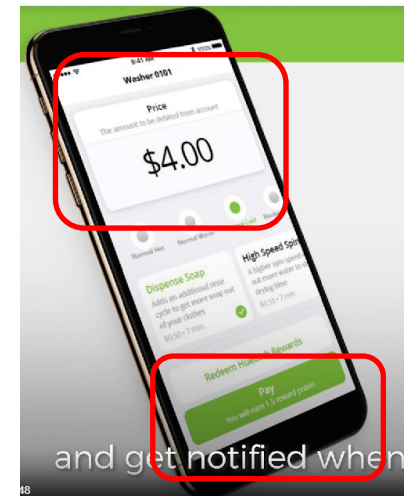
11. The method of claim 1, wherein the user interface of the mobile payment application, after establishing the wireless communication path, includes:  
 a visual representation of the available payment accepting unit;  
 an indication of a prepared balance; and  
 an affordance that when slid, indicates the initiation of the transaction;  
 wherein the affordance is slid in response to receiving a user input of swipe on the affordance displayed on the display of the mobile device.

The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device has a user interface that, after establishing the wireless communication path, includes a visual representation of the available payment accepting unit and an indication of a prepared balance. Specifically, the user interface includes the washer or dryer number identifier and an indication of a balance due.

In addition, the Speed Queen app and Huebsch app user interfaces each display a “Pay” button that indicates the initiation of the transaction when pressed. That button performs substantially the same function in substantially the same way to produce substantially the same result as the affordance recited in claim 11. *Crown Packaging Tech., Inc. v. Rexam Beverage Can Co.*, 559 F.3d 1308, 1312 (Fed. Cir. 2009). In addition, the differences between the pressed button and a swiped affordance would be regarded by a POSITA to be insubstantial. *Catalina Marketing International, Inc. v. Coolsavings.com, Inc.*, 289 F.3d 801, 813 (Fed. Cir. 2002). Therefore, the Speed Queen app and Huebsch app infringe that element, at minimum, under the doctrine of equivalents. *See, e.g.*, References 5 and 6.



The Speed Queen app displays a visual representation of the washer or dryer (i.e., “Washer 0051”), an indication of the balance due, and a user option to “Pay” that indicates the initiation of the transaction.



The Huebsch app displays a visual representation of the washer or dryer (i.e., “Washer 0101”), an indication of the balance due, and a user option to “Pay” that indicates the initiation of the transaction.