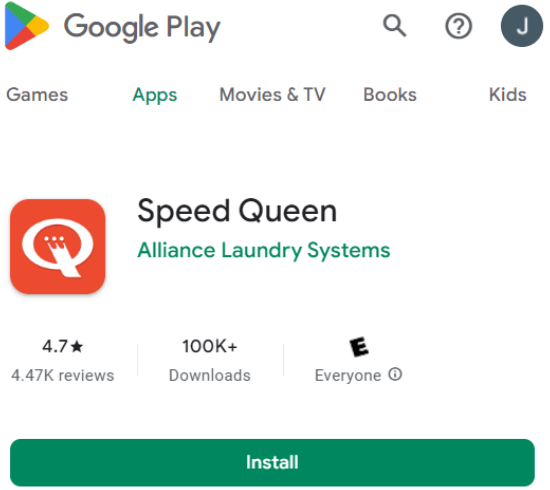

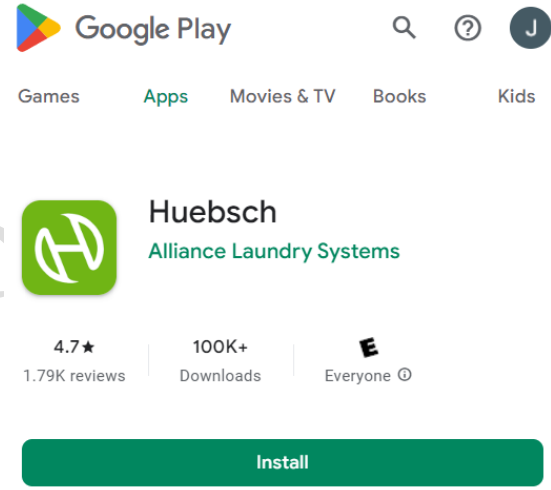



EXHIBIT J

CONFIDENTIAL – SUBJECT TO FRE 408
U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

Claim Language	Infringement
<p>1. A method of presenting representations of payment accepting unit events, comprising:</p>	<p>Alliance directly infringes Claim 1 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 in claim 1 of the '071 application. Specifically, Alliance installs and operates the “Speed Queen” and the “Huebsch” apps Android devices and iPhones to carry out the method recited in claim 1.</p> <p>Alliance also induces infringement of the '071 application 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 1 of the '071 application. Alliance does so with knowledge that the acts it encourages result in direct infringement of the '071 application by its business partners and customers.</p> <p>Alliance also contributes to infringement of the '071 application 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 1 of the '071 application. 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 1 on its websites (for example, https://speedqueenlaundry.com/app/, provided herewith as Reference 10 and https://huebsch.com/command/customer-app/, 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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U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

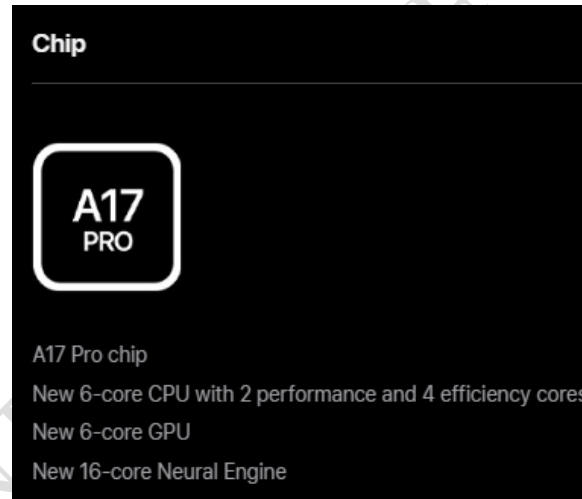
	 <p>The Speed Queen app on the Google Play store, showing over 100,000 Downloads.</p>  <p>The Speed Queen app on the Apple app store.</p>	 <p>The Huebsch app on the Google Play store, showing over 100,000 Downloads.</p>  <p>The Huebsch app on the Apple app store.</p>
<p>at a mobile device with one or 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 1 on its websites (for example, https://speedqueenlaundry.com/app/, provided herewith as Reference 10 and https://huebsch.com/command/customer-app/, provided herewith as Reference 7), in videos (for</p>	

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(All claims below are allowed and expected to issue shortly.)

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. 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:





iPhones have memory:

Android devices have one or more processors:



Android devices have memory:

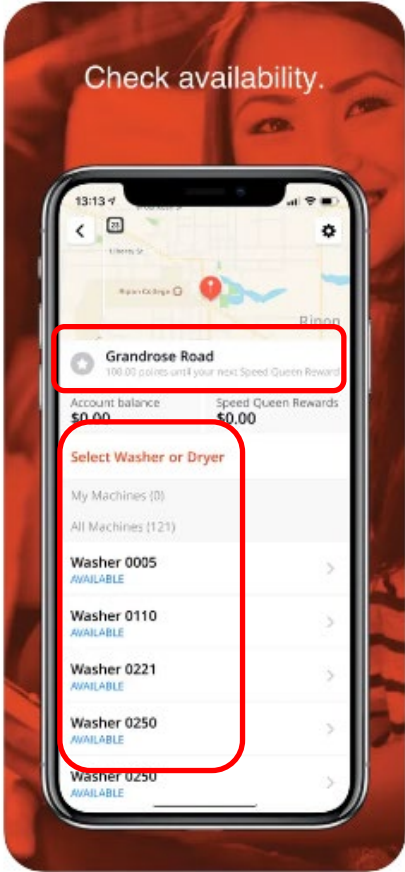
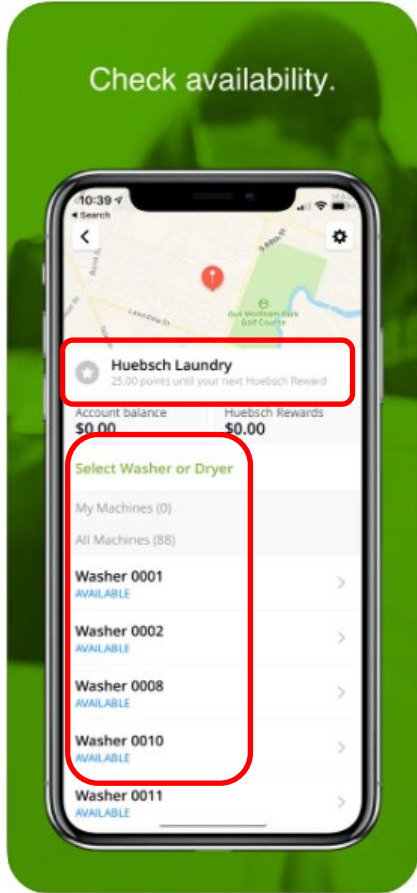
CONFIDENTIAL – SUBJECT TO FRE 408
U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

	<p>Capacity¹</p> <hr/> <p>iPhone 15 Pro</p> <p>128GB 256GB 512GB 1TB</p> <p>iPhones have a display:</p> <p>Display</p>  <p>iPhone 15 Pro</p> <p>Super Retina XDR display 6.1-inch (diagonal) all-screen OLED display 2556-by-1179-pixel resolution at 460 ppi</p>	<p>Storage Options</p>  <p>128GB 256GB</p> <p>Android devices have a display:</p> <p>Display</p> <p>6.2" Dynamic AMOLED 2X FHD+, Edge Screen 120Hz Adaptive Refresh Rate 2600nits (Outdoor peak)</p>
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U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

	<p>iPhones have one or more radio (e.g., cellular, Bluetooth, WIFI) transceivers:</p> <div data-bbox="787 386 1323 820" style="background-color: black; color: white; padding: 5px;"> <p>All models 5G (sub-6 GHz and mmWave) with 4x4 MIMO¹⁰ Gigabit LTE with 4x4 MIMO and LAA¹⁰ Wi-Fi 6E (802.11ax) with 2x2 MIMO¹¹ Bluetooth 5.3 Second-generation Ultra Wideband chip¹² 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="1402 386 1974 552" style="background-color: #f0f0f0; padding: 5px;"> <p align="center">Cellular & Wireless</p> <p align="center">5G</p> <p align="center">The latest network technology with the power of 5G.³</p> </div>
<p>identifying one or more payment accepting units 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 or location 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 or location. Specifically, the apps identify washers and dryers with the word “Washer” or “Dryer” and a number and also identify those washers and dryers as being located at a specific location. 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>

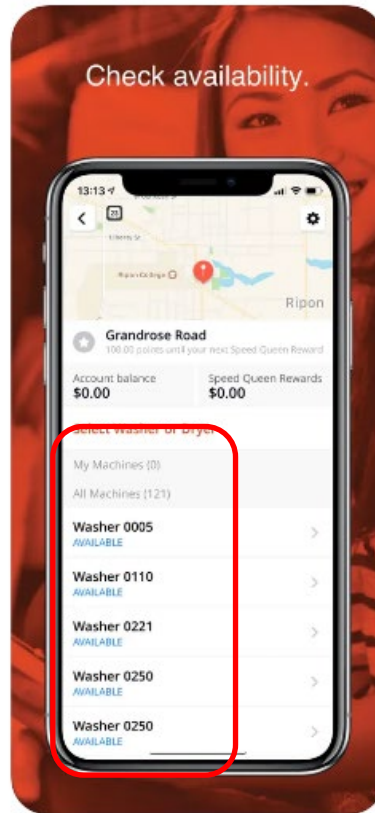
CONFIDENTIAL – SUBJECT TO FRE 408
U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

	 <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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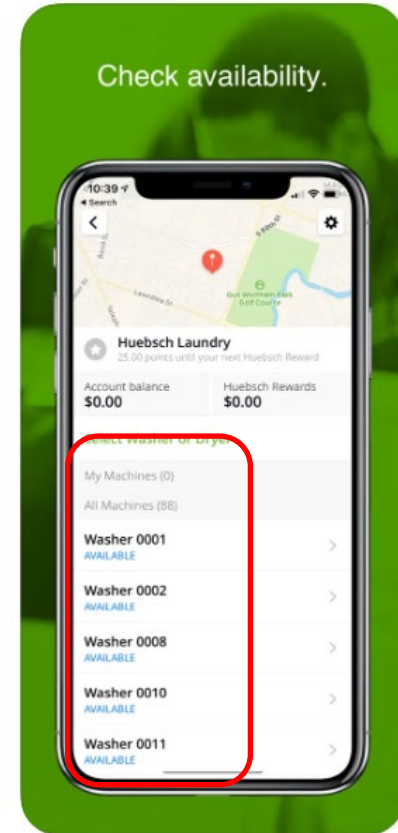
CONFIDENTIAL – SUBJECT TO FRE 408
U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

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 selecting an 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 of the mobile payment application 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 selecting 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.

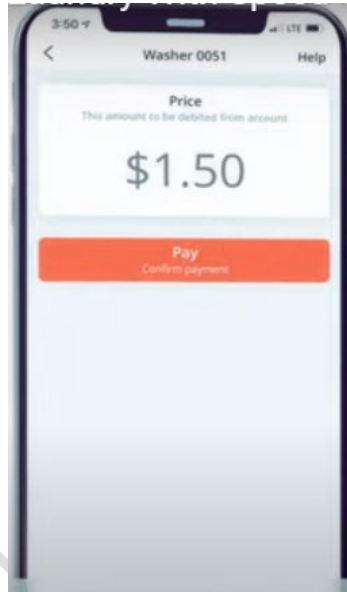


The Huebsch app displays payment accepting washers/dryers that can be selected.

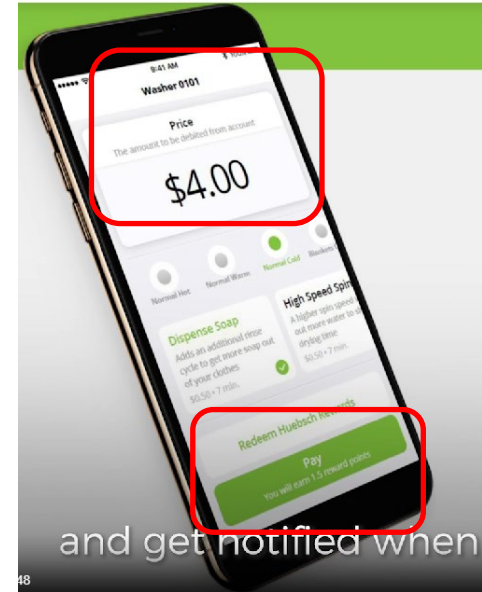
CONFIDENTIAL – SUBJECT TO FRE 408
U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

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.

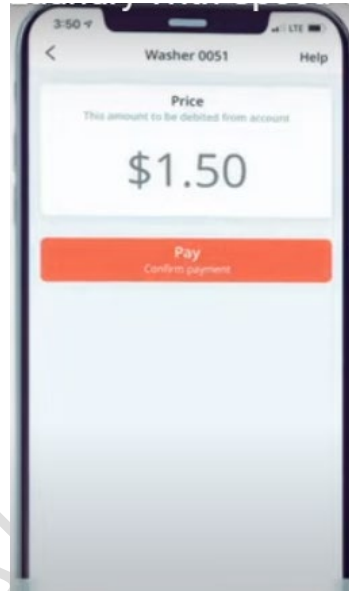


The Huebsch app establishes a wireless communication path including the mobile device and the available washer or dryer via a radio transceiver, such as a cellular or WIFI transceiver.

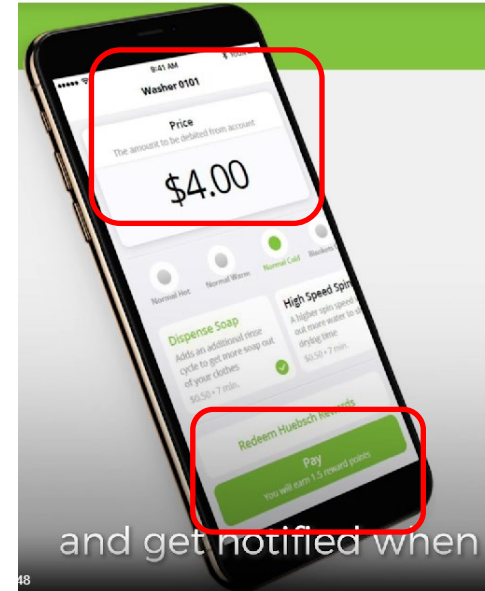
CONFIDENTIAL – SUBJECT TO FRE 408
U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

after establishing the wireless communication path, enabling user interaction with the user interface of the mobile payment application to complete a transaction with the available payment accepting unit, wherein the user interface includes a visual representation of the available payment accepting unit, an indication of a balance, and an affordance that, in response to a user input, indicates completion of 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. The user interface also includes a visual representation of the available payment accepting unit (i.e. the washer or dryer number), an indication of a balance (e.g., a balance due), and an affordance (the “Pay” button) that, in response to a user input, indicates completion of the transaction. *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.

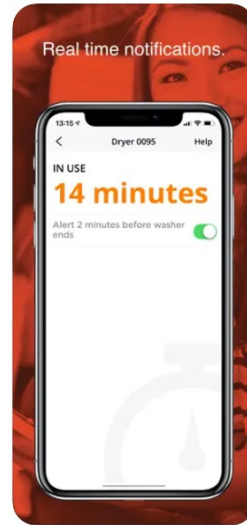


The Huebsch app displays a visual representation of the washer or dryer (i.e., “Washer 0101”), an indication of the balance due, and a user option to “Pay” that indicates the initiation of the transaction.

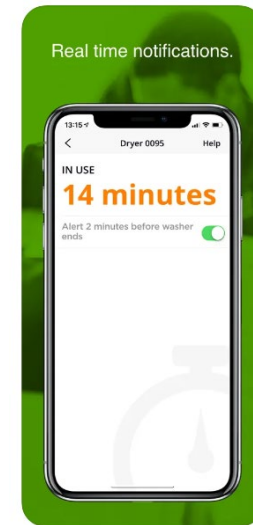
CONFIDENTIAL – SUBJECT TO FRE 408
U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

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.

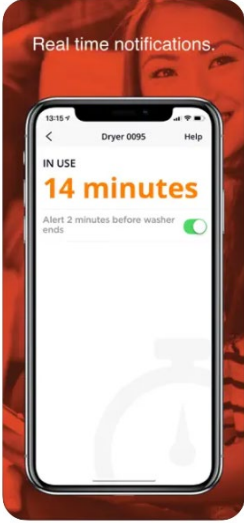
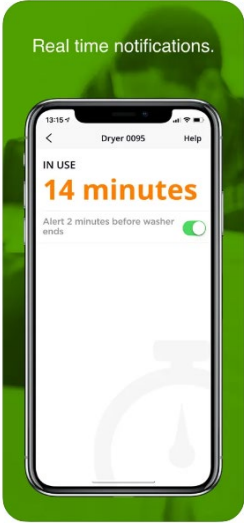


The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.



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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(All claims below are allowed and expected to issue shortly.)

<p>after exchanging the information, displaying, on the display, an updated user interface of the mobile payment application to the user of the mobile device.</p>	<p>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. <i>See, e.g.,</i> References 2 and 4.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p> </div> <div style="text-align: center;">  <p>The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p> </div> </div>
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Claim Language	Infringement
<p>2. The method of claim 1, wherein the updated user interface of the mobile payment application includes at least one of: a message displayed on the display of the mobile device; a banner notification displayed on a display of the mobile device; and/or a visual alert from one or more light-emitting</p>	<p>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 to the user of the mobile device (i.e., an “in use” screen) that is a message. <i>See, e.g.,</i> References 2 and 4.</p>

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(All claims below are allowed and expected to issue shortly.)

<p>diodes (LEDs) of the mobile device.</p>	 <p>The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p>	 <p>The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p>
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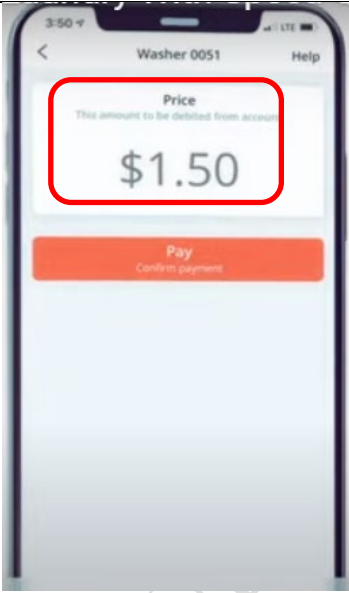
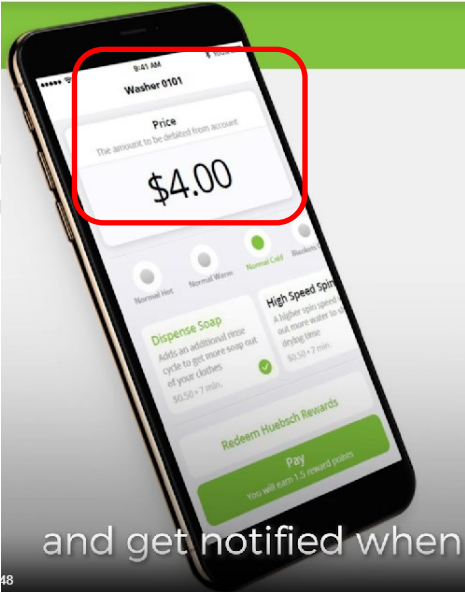
Claim Language	Infringement
<p>3. The method of claim 1, wherein the information indicates completion of the transaction between the user of the mobile device and the available payment accepting unit.</p>	<p>The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device displays information indicating completion of the transaction between the user of the mobile device and the washer/dryer (i.e., an “in use” screen). <i>See, e.g.,</i> References 2 and 4.</p>

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(All claims below are allowed and expected to issue shortly.)

	 <p>The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p>	 <p>The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p>
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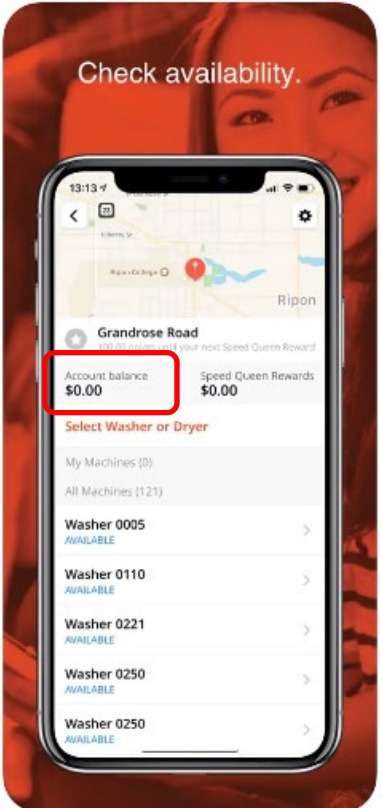
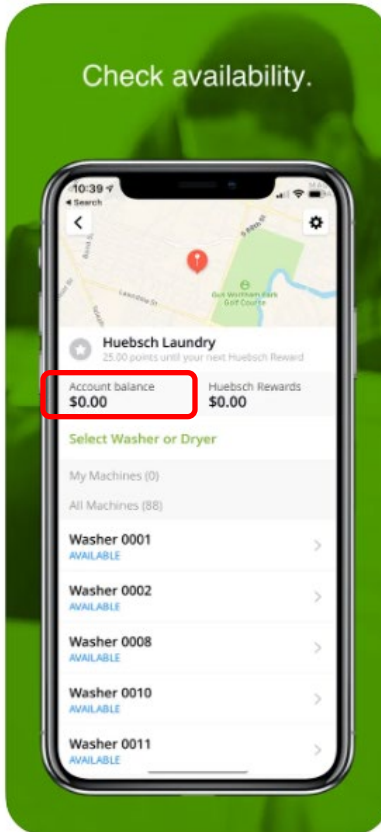
Claim Language	Infringement
<p>4. The method of claim 3, wherein the mobile device includes a long-range transceiver and the information at least includes an amount of the completed transaction, and the method further comprises: sending at least the amount of the completed transaction to a server via the long-range transceiver.</p>	<p>The mobile device includes a long-range transceiver (e.g., cellular transceiver) and the information at least includes an amount of the completed transaction (e.g., \$1.50 or \$4.00 for the transaction shown in the screenshots below). <i>See, e.g.</i>, References 2 and 4.</p>

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(All claims below are allowed and expected to issue shortly.)

	 <p>The Speed Queen app displaying a \$1.50 transaction amount.</p>	 <p>The Huebsch app displaying a \$4.00 transaction amount.</p>
<p>The Speed Queen app and the Huebsch app each send at least the amount of the completed transaction to a server via the long-range transceiver to maintain the user's account balance.</p>		

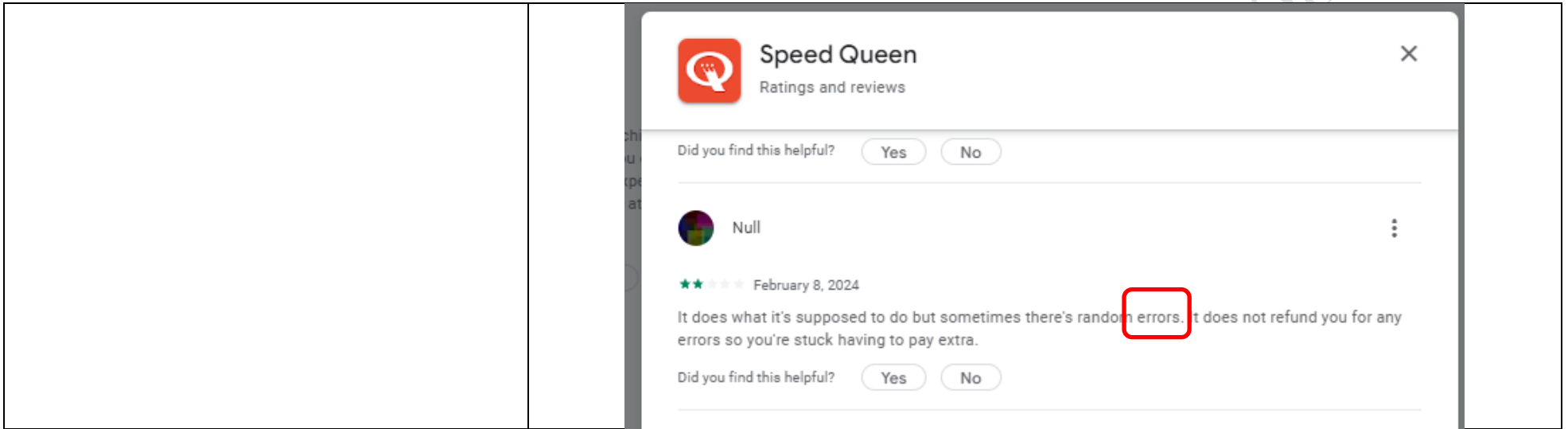
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U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
 (All claims below are allowed and expected to issue shortly.)

	 <p>The Speed Queen app displays payment accepting washers/dryers that can be selected.</p>	 <p>The Huebsch app displays payment accepting washers/dryers that can be selected.</p>
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Claim Language	Infringement
5. The method of claim 1, wherein the information indicates abortion of the transaction initiated by the user of the mobile device.	On information and belief, the information indicates abortion of the transaction initiated by the user of the mobile device. Specifically, a user review of the Speed Queen app indicates that the app can generate error messages, and such an error message may be generated when the information exchanged between the washer/dryer and the mobile device indicates abortion of the transaction. <i>See, e.g.</i> , Reference 1.

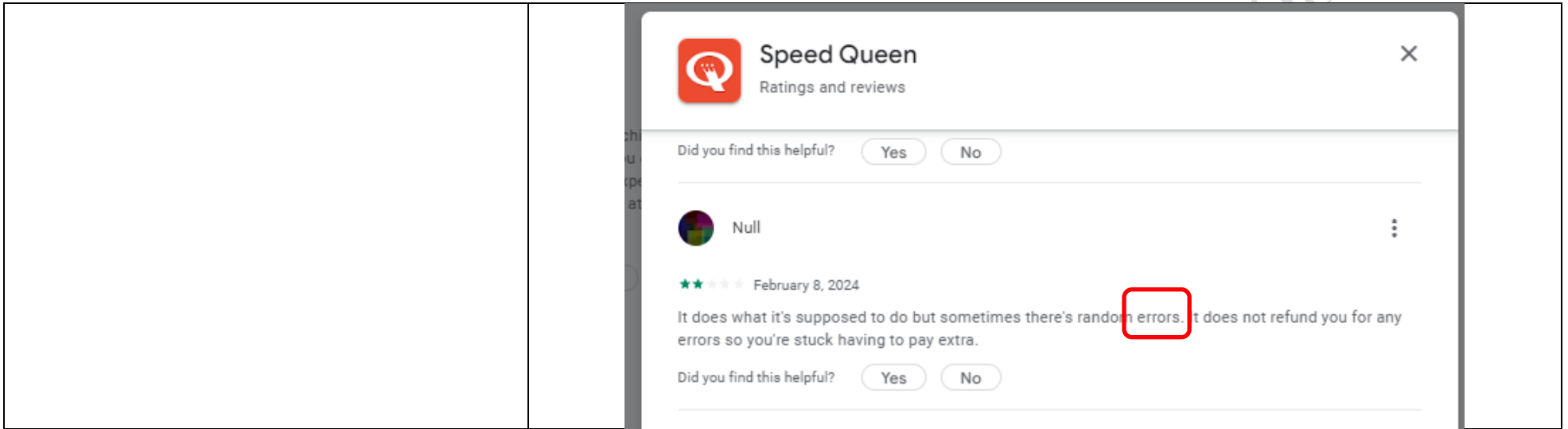
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U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
 (All claims below are allowed and expected to issue shortly.)



Claim Language	Infringement
<p>6. The method of claim 1, wherein the information indicates failure of the transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit.</p>	<p>On information and belief, the information indicates failure of the transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit. Specifically, a user review of the Speed Queen app indicates that the app can generate error messages, and such an error message may be generated when the information exchanged between the washer/dryer and the mobile device indicates failure of the transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit. <i>See, e.g., Reference 1.</i></p>

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 (All claims below are allowed and expected to issue shortly.)



Claim Language	Infringement
8. The method of claim 1, wherein the information reflects availability of the available payment accepting unit to conduct a transaction.	On information and belief, the information exchanged between the washer/dryer and the Speed Queen or Huebsch mobile app reflects availability of the washer/dryer to conduct a transaction so that the transaction can be completed.

Claim Language	Infringement
9. The method of claim 1, further comprising: in addition to exchanging the information, receiving, via the one or more radio transceivers, a coupon that is targeted to the user of the mobile device based on the transaction.	The Speed Queen app and the Huebsch app that is downloaded and installed on a mobile device receives, via the one or more radio transceivers, a coupon (e.g., Speed Queen rewards or Huebsch rewards coupons) that is targeted to the user of the mobile device based on the transaction. <i>See, e.g., Reference 7.</i>

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(All claims below are allowed and expected to issue shortly.)

ENHANCE CUSTOMER LOYALTY WITH HUEBSCH REWARDS

- Customers accumulate rewards when they load funds onto their mobile wallet or spend money at your store.
- You control how rewards are earned and redeemed.
- Use Huebsch Command to track and manage reward programs.

PRO TIP
Engage with your Huebsch App customers like never before with Customer Relationship Management system.

LEARN MORE

You currently have 16.00 points
4.00 points until your next Huebsch Reward

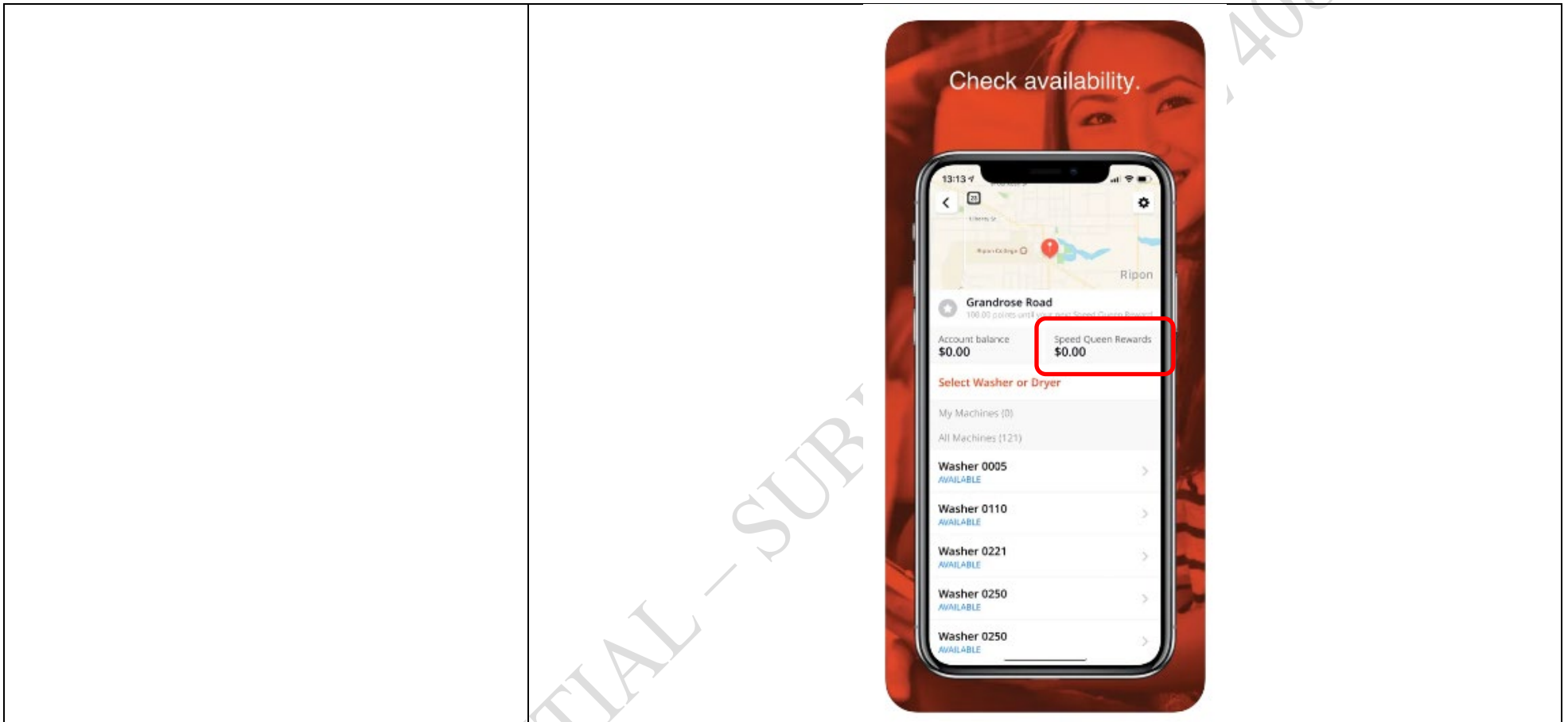
Use washers and dryers to gain points, collect points to earn bonus credit!

Collect 4.00 points more to earn your next reward
80% **\$1.00 bonus credit**

See also, e.g., Reference 1 showing Speed Queen rewards:

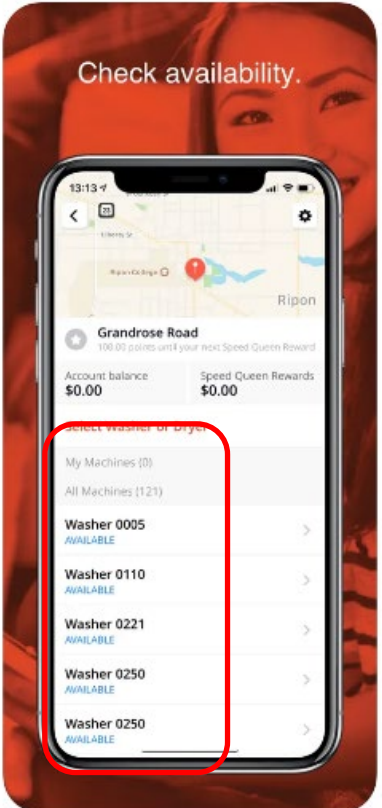
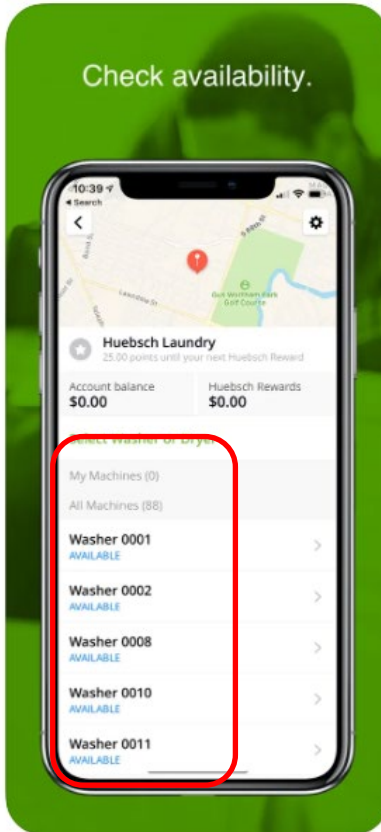
CONFIDENTIAL

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(All claims below are allowed and expected to issue shortly.)



Claim Language	Infringement
<p>12. The method of claim 1, wherein the payment operated machines include a payment activated washer, a payment activated dryer, a vending machine, a parking meter, a toll booth, an arcade game, a kiosk, a photo booth, or a ticket dispensing machine.</p>	<p>The payment operated machines include, at minimum, payment activated washers and dryers. <i>See, e.g.,</i> References 2 and 4.</p>

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 (All claims below are allowed and expected to issue shortly.)

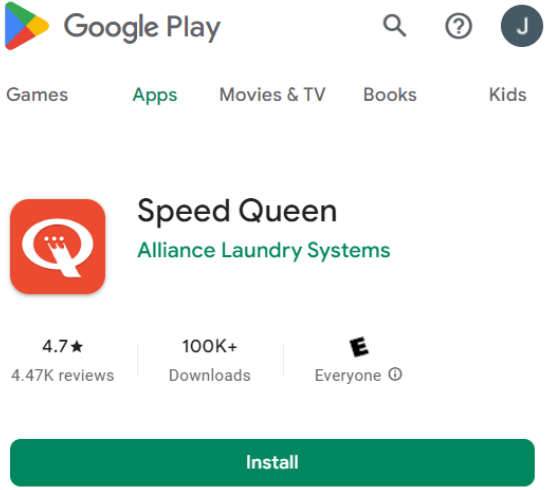
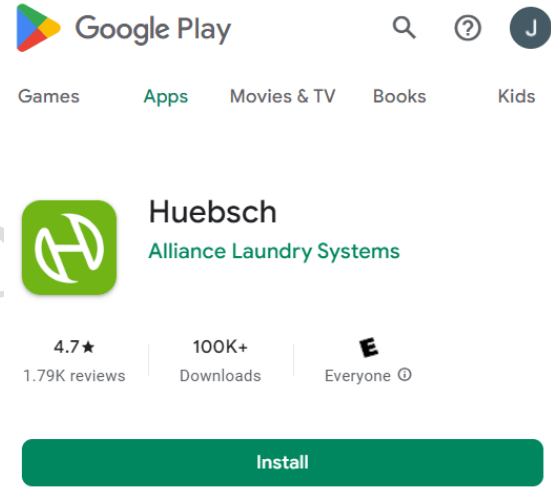
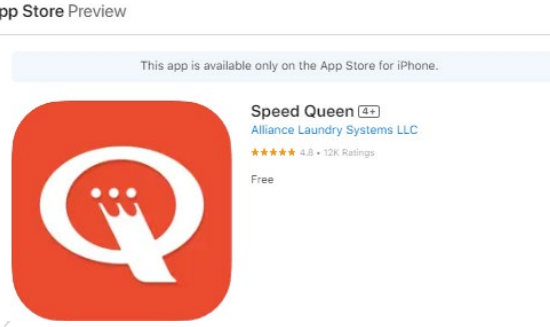

	 <p>The Speed Queen app displays payment accepting washers/dryers that can be selected.</p>	 <p>The Huebsch app displays payment accepting washers/dryers that can be selected.</p>
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Claim Language	Infringement
13. A mobile device, comprising: one or more radio transceivers; one or more output devices including a display; one or more processors; and memory storing one or more programs to be executed by the one or more processors,	Alliance makes, uses, sells, and or offers for sale the mobile device recited in claim 13 of the '071 application. Specifically, Alliance installs and operates the “Speed Queen” and the “Huebsch” apps on Android devices and iPhones to create a mobile device that meets all of the elements of claim 13. Alliance also induces infringement of the '071 application under 35 U.S.C. § 271(b) by

CONFIDENTIAL – SUBJECT TO FRE 408
U.S. Patent Application Number 18/197,071 – Alliance Claim Infringement Chart
(All claims below are allowed and expected to issue shortly.)

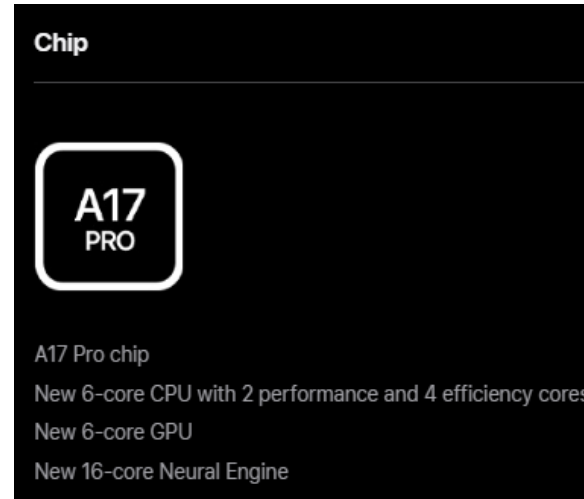
<p>the one or more programs comprising instructions for:</p>	<p>actively encouraging infringement by its business partners and customers. Specifically, Alliance intends to cause its business partners and customers to infringe by actively encouraging its business partners and customers to download the Speed Queen app and Huebsch app from the Google Play store and the Apple App store to a mobile device to create a mobile device that meets all of the elements of claim 13 of the '071 application.</p> <p>Alliance also contributes to infringement of the '071 application 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 13 of the '071 application. 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 create the mobile device recited by claim 13 on its websites (for example, https://speedqueenlaundry.com/app/, provided herewith as Reference 10 and https://huebsch.com/command/customer-app/, 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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(All claims below are allowed and expected to issue shortly.)

	 <p>The Speed Queen app on the Google Play store, showing over 100,000 Downloads.</p>	 <p>The Huebsch app on the Google Play store, showing over 100,000 Downloads.</p>
	 <p>The Speed Queen app on the Apple app store.</p>	 <p>The Huebsch app on the Apple app store.</p>
<p>The Speed Queen app and the Huebsch app operate on Android devices and iPhones. All Android devices and iPhones have a display, one or more processors, and memory storing one or more programs to be executed by the one or more processors (the Speed Queen app and Huebsch app). The technical specifications for the iPhone 15 Pro and Samsung Galaxy S24 shown below are representative for other iPhones and Android devices. <i>See, e.g.,</i> References 8 and 9.</p>		

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(All claims below are allowed and expected to issue shortly.)

iPhones have one or more processors:



iPhones have memory storing one or more programs to be executed by the one or more processors:

Android devices have one or more processors:

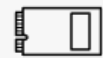
Processor



Qualcomm Snapdragon 8 Gen 3 for Galaxy


Android devices have memory storing one or more programs to be executed by the one or more processors:

Storage Options



128GB | 256GB

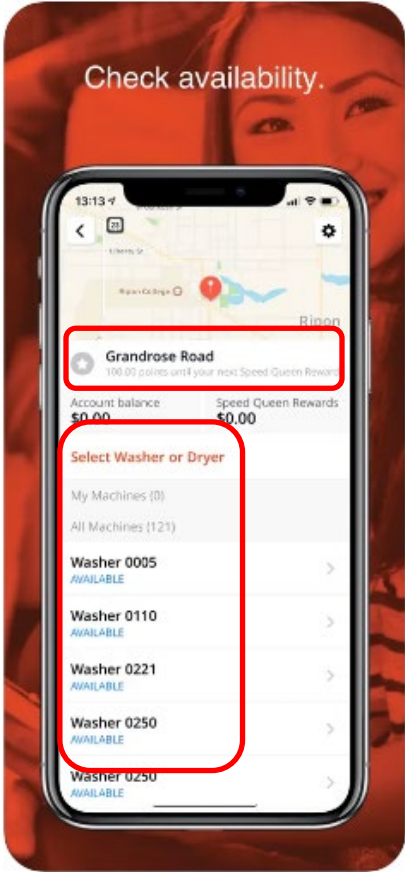
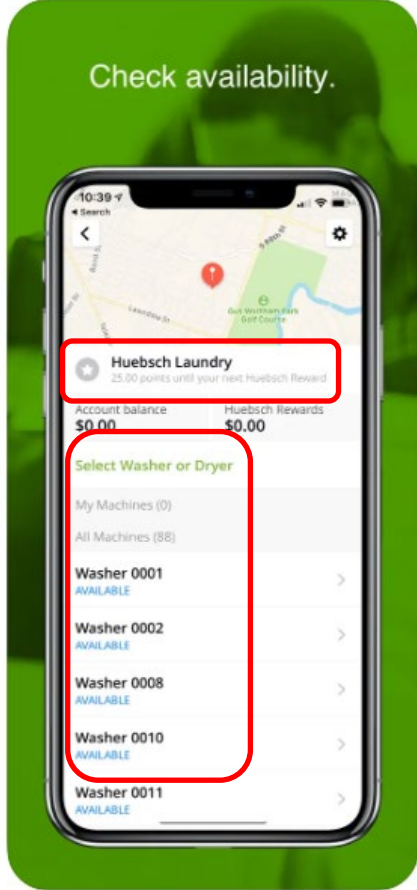
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(All claims below are allowed and expected to issue shortly.)

	<p>Capacity¹</p> <hr/> <p>iPhone 15 Pro</p> <p>128GB 256GB 512GB 1TB</p>	<p>Android devices have a display:</p> <div data-bbox="1423 797 1948 982"><p>6.2" Dynamic AMOLED 2X FHD+, Edge Screen 120Hz Adaptive Refresh Rate 2600nits (Outdoor peak)</p></div>
<p>iPhones have a display:</p>	<p>Display</p> <hr/>  <p>6.1"</p> <p>iPhone 15 Pro</p> <p>Super Retina XDR display 6.1-inch (diagonal) all-screen OLED display 2556-by-1179-pixel resolution at 460 ppi</p>	

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(All claims below are allowed and expected to issue shortly.)

	<p>iPhones have one or more radio (e.g., cellular, Bluetooth, WIFI) transceivers:</p> <div data-bbox="787 386 1323 821" style="background-color: black; color: white; padding: 5px;"> <p>All models 5G (sub-6 GHz and mmWave) with 4x4 MIMO¹⁰ Gigabit LTE with 4x4 MIMO and LAA¹⁰ Wi-Fi 6E (802.11ax) with 2x2 MIMO¹¹ Bluetooth 5.3 Second-generation Ultra Wideband chip¹² 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="1402 386 1974 552" style="background-color: #f0f0f0; padding: 5px;"> <p align="center">Cellular & Wireless</p> <p align="center">5G</p> <p align="center">The latest network technology with the power of 5G.³</p> </div>
<p>identifying one or more payment accepting units 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 or location 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 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 or location. Specifically, the apps identify washers and dryers with the word “Washer” or “Dryer” and a number and also identify those washers and dryers as being located at a specific location. 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>

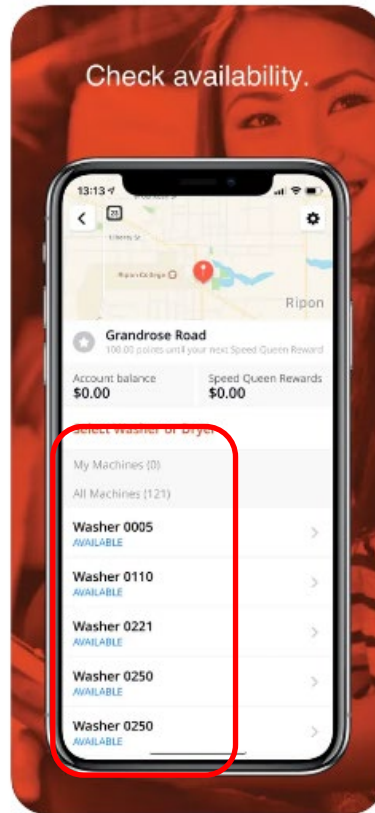
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(All claims below are allowed and expected to issue shortly.)

	 <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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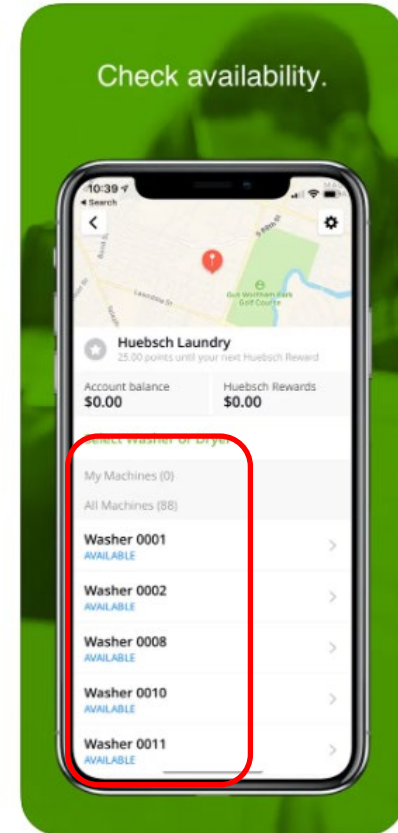
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(All claims below are allowed and expected to issue shortly.)

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 selecting an 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 of the mobile payment application on the display of the mobile device. The user interface is configured to display a visual indication of the one or more payment accepting units and accept user input selecting 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.

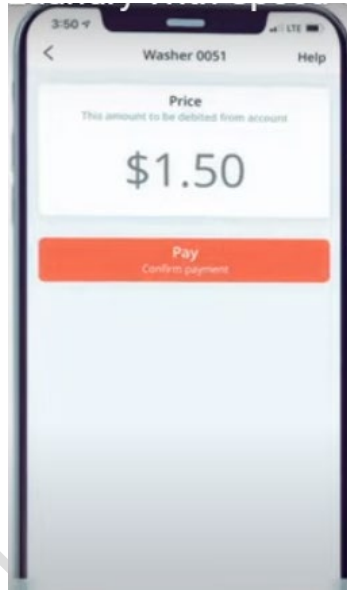


The Huebsch app displays payment accepting washers/dryers that can be selected.

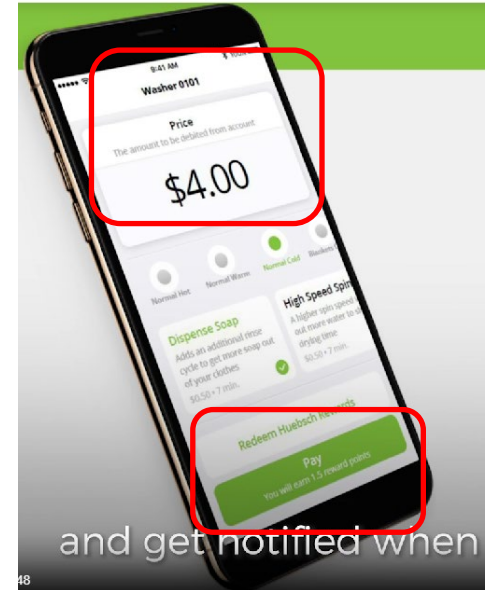
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(All claims below are allowed and expected to issue shortly.)

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.

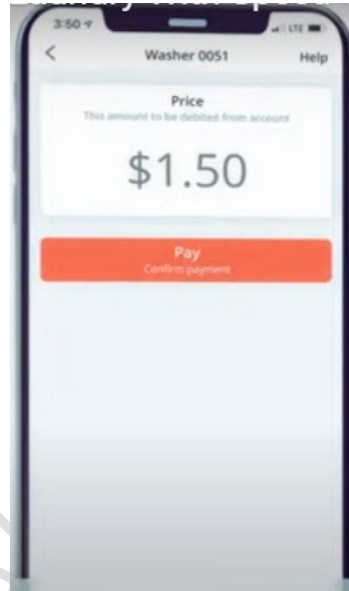


The Huebsch app establishes a wireless communication path including the mobile device and the available washer or dryer via a radio transceiver, such as a cellular or WIFI transceiver.

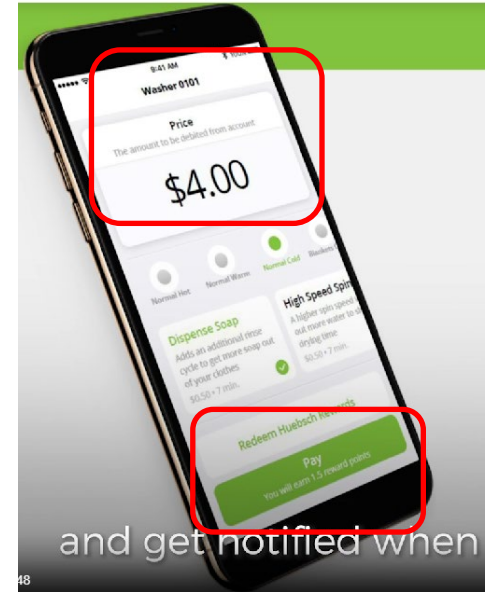
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(All claims below are allowed and expected to issue shortly.)

after establishing the wireless communication path, enabling user interaction with the user interface of the mobile payment application to complete a transaction with the available payment accepting unit, wherein the user interface includes a visual representation of the available payment accepting unit, an indication of a balance, and an affordance that, in response to a user input, indicates completion of 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. The user interface also includes a visual representation of the available payment accepting unit (i.e. the washer or dryer number), an indication of a balance (e.g., a balance due), and an affordance (the “Pay” button) that, in response to a user input, indicates completion of the transaction. *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.

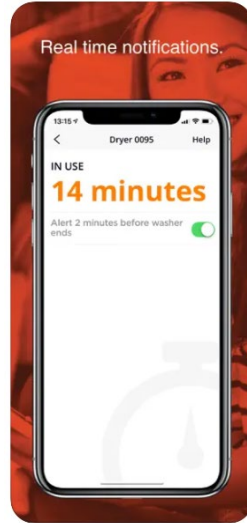


The Huebsch app displays a visual representation of the washer or dryer (i.e., “Washer 0101”), an indication of the balance due, and a user option to “Pay” that indicates the initiation of the transaction.

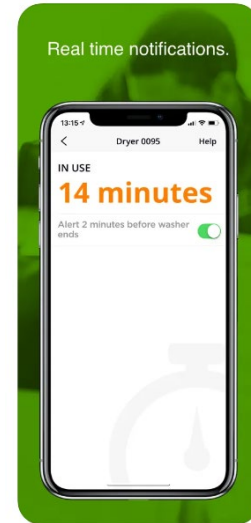
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(All claims below are allowed and expected to issue shortly.)

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.

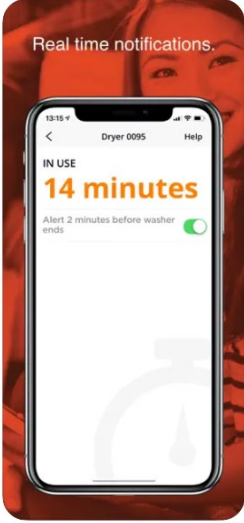
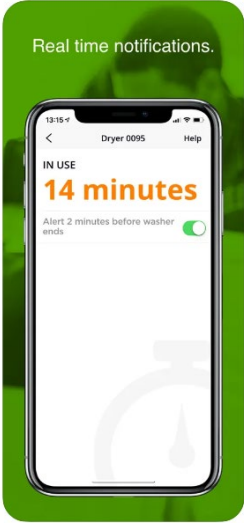


The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.



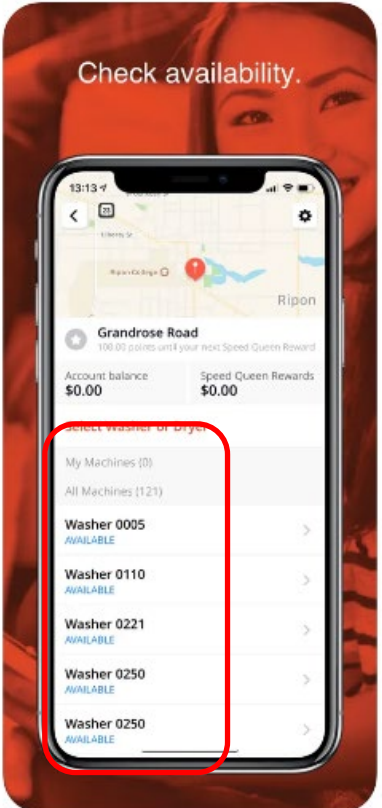
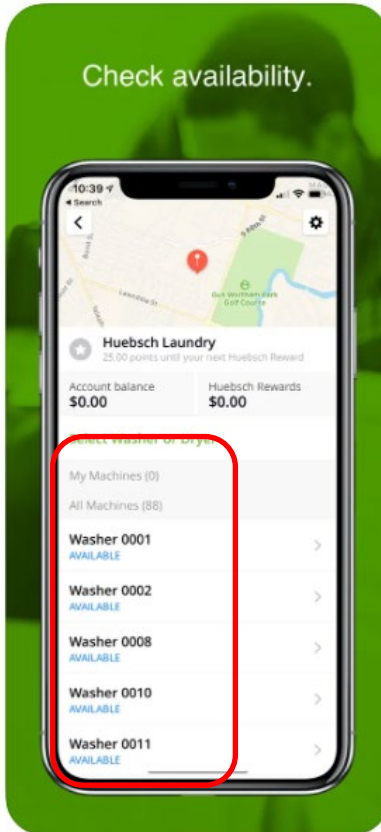
The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.

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(All claims below are allowed and expected to issue shortly.)

<p>after exchanging the information, displaying, on the display, an updated user interface of the mobile payment application to the user of the mobile device.</p>	<p>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. <i>See, e.g.,</i> References 2 and 4.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p> </div> <div style="text-align: center;">  <p>The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p> </div> </div>
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Claim Language	Infringement
<p>14. The mobile device of claim 13, wherein identifying the one or more payment accepting units includes identifying a payment activated washer, a payment activated dryer, a vending machine, a parking meter, a toll booth, an arcade game, a kiosk, a photo booth, or a ticket dispensing machine.</p>	<p>The identified payment operated machines include, at minimum, payment activated washers and dryers. <i>See, e.g.,</i> References 2 and 4.</p>

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 (All claims below are allowed and expected to issue shortly.)

	 <p>The Speed Queen app displays payment accepting washers/dryers that can be selected.</p>	 <p>The Huebsch app displays payment accepting washers/dryers that can be selected.</p>
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Claim Language	Infringement
<p>15. A non-transitory computer readable storage medium storing one or more programs, the one or more programs comprising instructions, which, when executed by a mobile device with one or more processors, one or more output devices including a display, and one or more</p>	<p>Alliance makes, uses, sells, and offers for sale the “Speed Queen” and the “Huebsch” apps for Android devices and iPhones constituting a program that is stored on a non-transitory computer readable storage medium that can be executed by a mobile device. <i>See, e.g.,</i> References 1-4.</p>

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(All claims below are allowed and expected to issue shortly.)

radio transceivers, cause the mobile device to perform operations comprising:

The complex block contains four screenshots of mobile app stores. The top row shows the Google Play store for two apps: 'Speed Queen' and 'Huebsch', both by Alliance Laundry Systems. Each app listing includes a 4.7-star rating, over 100K downloads, and an 'Install' button. Below each Google Play screenshot is a caption: 'The Speed Queen app on the Google Play store, showing over 100,000 Downloads.' and 'The Huebsch app on the Google Play store, showing over 100,000 Downloads.' The bottom row shows the Apple App Store for the same two apps. Each listing includes a 4.8-star rating for Speed Queen and a 4.9-star rating for Huebsch, and is marked as 'Free'. Below each App Store screenshot is a caption: 'The Speed Queen app on the Apple app store.' and 'The Huebsch app on the Apple app store.'

The Speed Queen app on the Google Play store, showing over 100,000 Downloads.

The Huebsch app on the Google Play store, showing over 100,000 Downloads.

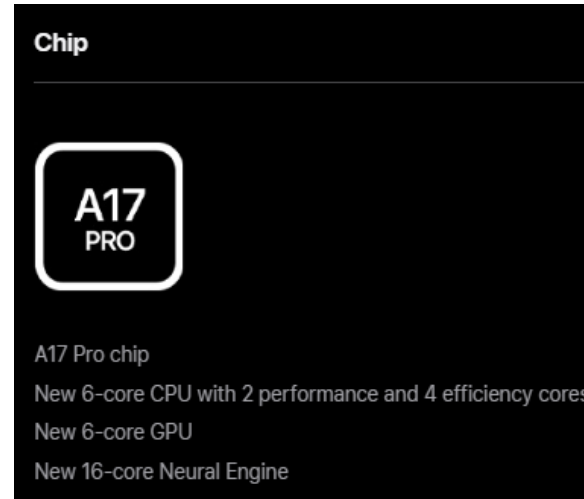
The Speed Queen app on the Apple app store.

The Huebsch app on the Apple app store.

The Speed Queen app and the Huebsch app operate on Android devices and iPhones. All Android devices and iPhones have a display, one or more processors, 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.

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(All claims below are allowed and expected to issue shortly.)

iPhones have one or more processors:



iPhones have a display:

Android devices have one or more processors:

Processor





Qualcomm Snapdragon 8 Gen 3
for Galaxy

Android devices have a display:

Display

6.2" Dynamic AMOLED 2X
FHD+, Edge Screen
120Hz Adaptive Refresh Rate
2600nits (Outdoor peak)

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(All claims below are allowed and expected to issue shortly.)

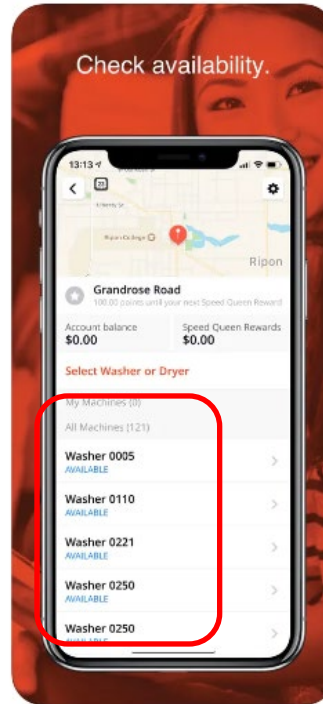
	<p>Display</p>  <p>iPhone 15 Pro</p> <p>Super Retina XDR display 6.1-inch (diagonal) all-screen OLED display 2556-by-1179-pixel resolution at 460 ppi</p> <p> iPhones have one or more radio (e.g., cellular, Bluetooth, WIFI) transceivers:</p> <p>All models 5G (sub-6 GHz and mmWave) with 4x4 MIMO¹⁰ Gigabit LTE with 4x4 MIMO and LAA¹⁰ Wi-Fi 6E (802.11ax) with 2x2 MIMO¹¹ Bluetooth 5.3 Second-generation Ultra Wideband chip¹² Thread networking technology NFC with reader mode Express Cards with power reserve</p>	<p> Android devices have one or more radio (e.g., cellular, Bluetooth, WIFI) transceivers:</p> <p>Cellular & Wireless</p>  <p>The latest network technology with the power of 5G.³</p>
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(All claims below are allowed and expected to issue shortly.)

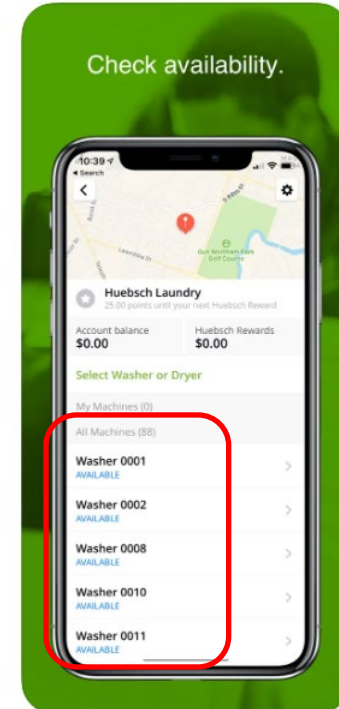
identifying one or more payment accepting units that are available to accept payment from a mobile payment application executing on the mobile device, the identifying based at least in part on an identifier or location corresponding to the one or more payment accepting units, wherein the one or more payment accepting units are payment operated machines that accept payment for dispensing of products and/or services;

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.

The identifying operation is based at least in part on an identifier corresponding to the one or more payment accepting units or location. Specifically, the apps identify washers and dryers with the word “Washer” or “Dryer” and a number and also identify those washers and dryers as being located at a specific location. Those washers and dryers are payment operated machines that accept payment for dispensing of products and/or services. *See, e.g.,* References 2 and 4.



The Speed Queen app identifies and displays payment accepting washers/dryers and displays their numerical identifiers.

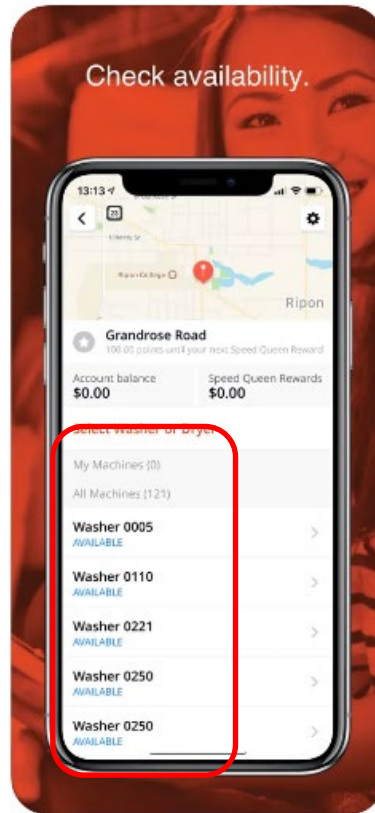


The Huebsch app identifies and displays payment accepting washers/dryers and displays their numerical identifiers.

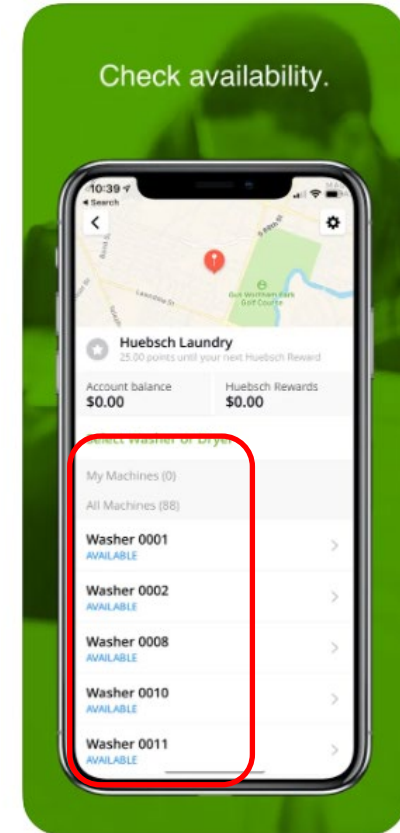
CONFIDENTIAL – SUBJECT TO FRE 408
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(All claims below are allowed and expected to issue shortly.)

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 selecting an 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 of the mobile payment application on the display of the mobile device. The user interface is configured to display a visual indication of the one or more payment accepting units and accept user input selecting 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.

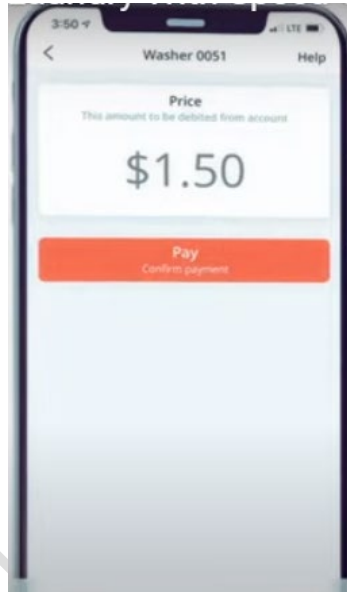


The Huebsch app displays payment accepting washers/dryers that can be selected.

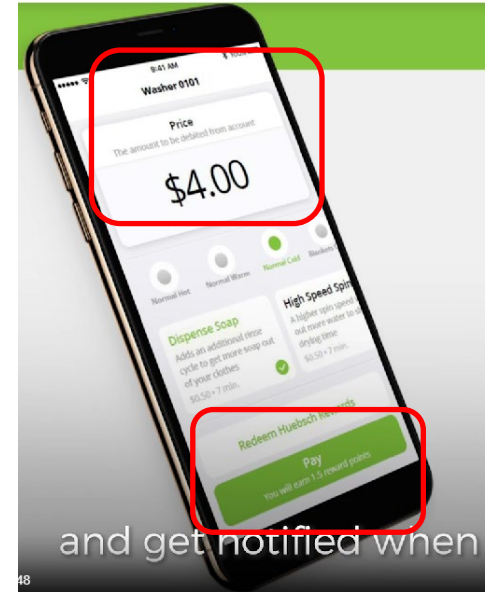
CONFIDENTIAL – SUBJECT TO FRE 408
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(All claims below are allowed and expected to issue shortly.)

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.

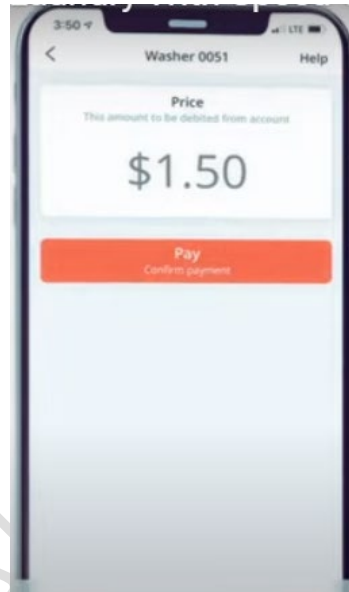


The Huebsch app establishes a wireless communication path including the mobile device and the available washer or dryer via a radio transceiver, such as a cellular or WIFI transceiver.

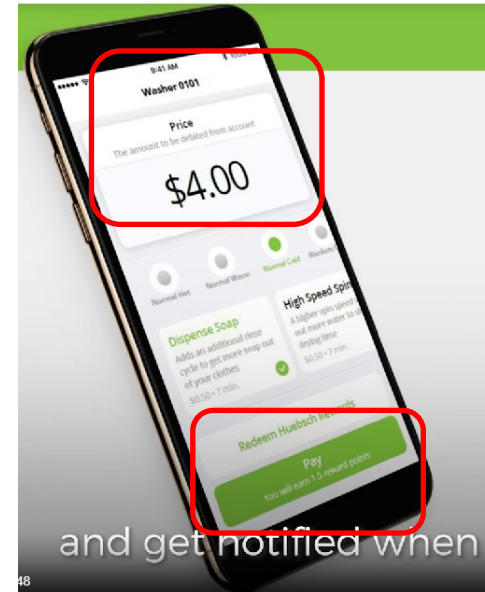
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(All claims below are allowed and expected to issue shortly.)

after establishing the wireless communication path, enabling user interaction with the user interface of the mobile payment application to complete a transaction with the available payment accepting unit, wherein the user interface includes a visual representation of the available payment accepting unit, an indication of a balance, and an affordance that, in response to a user input, indicates completion of 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. The user interface also includes a visual representation of the available payment accepting unit (i.e. the washer or dryer number), an indication of a balance (e.g., a balance due), and an affordance (the “Pay” button) that, in response to a user input, indicates completion of the transaction. *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.

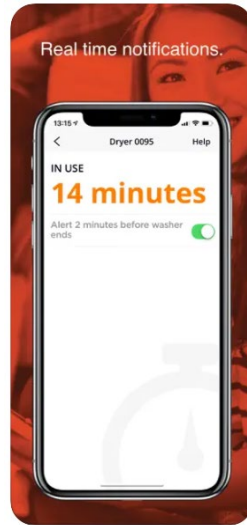


The Huebsch app displays a visual representation of the washer or dryer (i.e., “Washer 0101”), an indication of the balance due, and a user option to “Pay” that indicates the initiation of the transaction.

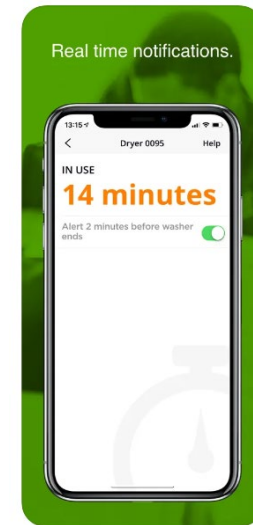
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(All claims below are allowed and expected to issue shortly.)

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.

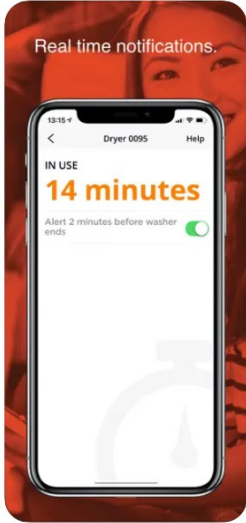



The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.



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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<p>after exchanging the information, displaying, on the display, an updated user interface of the mobile payment application to the user of the mobile device.</p>	<p>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. <i>See, e.g.</i>, References 2 and 4.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p> </div> <div style="text-align: center;">  <p>The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p> </div> </div>
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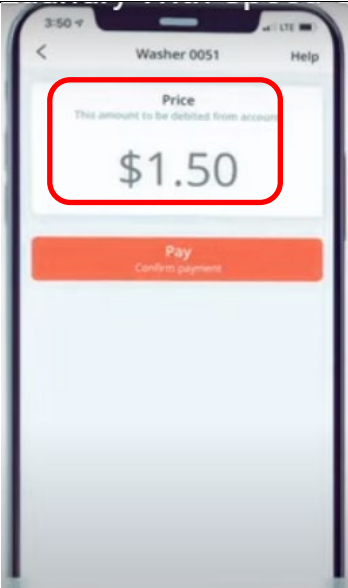
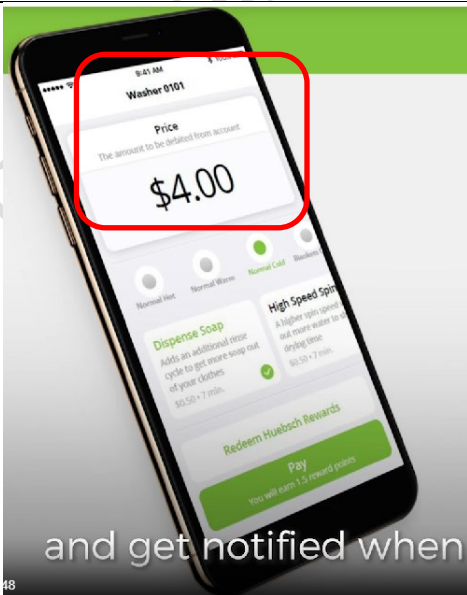
Claim Language	Infringement
<p>16. The non-transitory computer readable storage medium of claim 15, wherein the updated user interface of the mobile payment application includes at least one of: a message displayed on the display of the mobile device; a banner notification displayed on a display of the mobile device; and/or</p>	<p>The Speed Queen app and the Huebsch app each display, on the display, an updated user to the user of the mobile device (i.e., an “in use” screen) that is a message. <i>See, e.g.</i>, References 2 and 4.</p>

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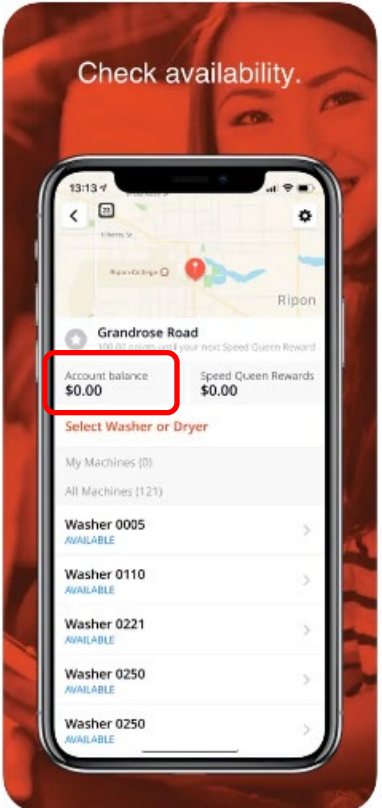
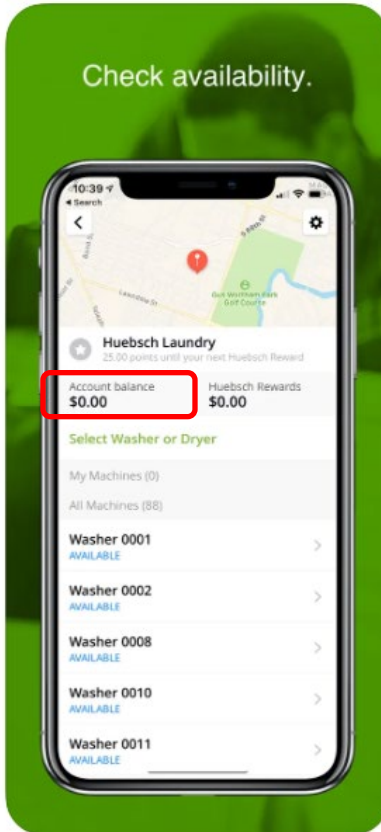
<p>a visual alert from one or more light-emitting diodes (LEDs) of the mobile device.</p>	 <p>The Speed Queen app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p>	 <p>The Huebsch app displays an “in use” screen after information is exchanged with the washer or dryer when the “Pay” button is selected.</p>
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Claim Language	Infringement
<p>17. The non-transitory computer readable storage medium of claim 15, wherein: the information indicates completion of the transaction between the user of the mobile device and the available payment accepting unit; the information at least includes an amount of the completed transaction; and the instructions further cause the mobile device to send at least the amount of the completed transaction to a server.</p>	<p>The information at least includes completion of the transaction and an amount of the completed transaction (e.g., \$1.50 or \$4.00 for the transaction shown in the screenshots below). <i>See, e.g.,</i> References 2 and 4.</p>

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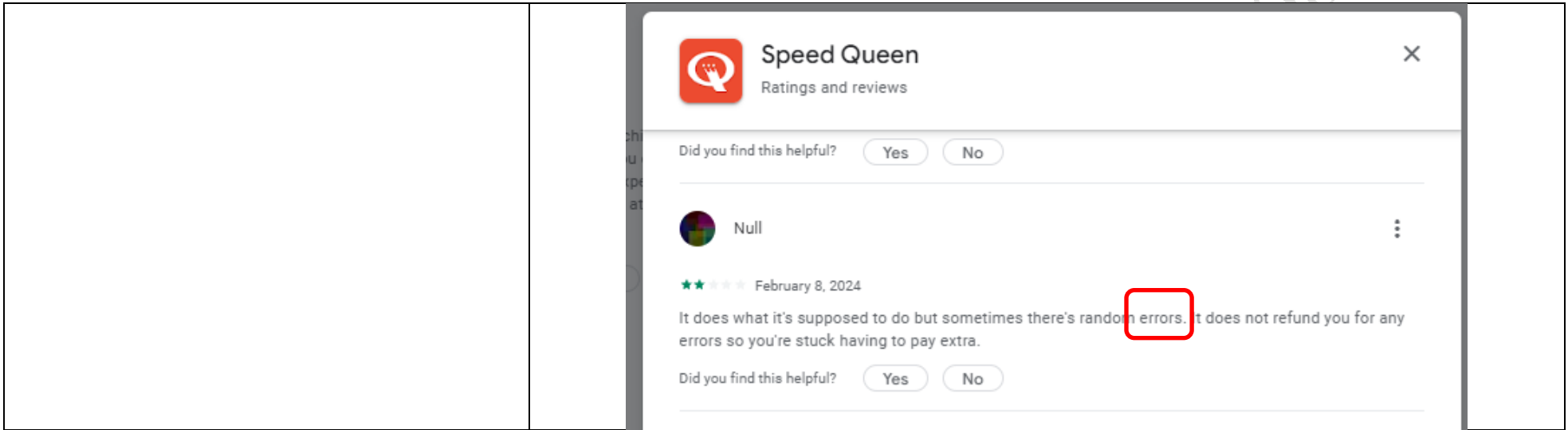
	 <p>The Speed Queen app displaying a \$1.50 transaction amount.</p>	 <p>The Huebsch app displaying a \$4.00 transaction amount.</p> <p>The Speed Queen app and the Huebsch app each send at least the amount of the completed transaction to a server to maintain the user's account balance.</p>
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	 <p>The Speed Queen app displays payment accepting washers/dryers that can be selected.</p>	 <p>The Huebsch app displays payment accepting washers/dryers that can be selected.</p>
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Claim Language	Infringement
<p>18. The non-transitory computer readable storage medium of claim 15, wherein the information indicates abortion of the transaction initiated by the user of the mobile device.</p>	<p>On information and belief, the information indicates abortion of the transaction initiated by the user of the mobile device. Specifically, a user review of the Speed Queen app indicates that the app can generate error messages, and such an error message may be generated when the information exchanged between the washer/dryer and the mobile device indicates abortion of the transaction. <i>See, e.g.</i>, Reference 1.</p>

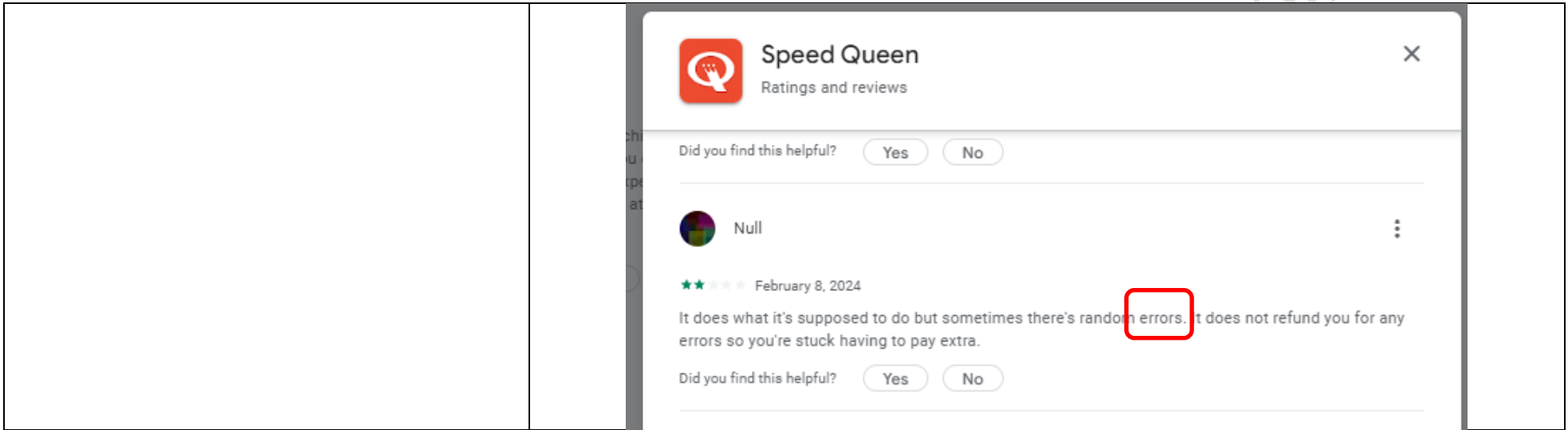
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Claim Language	Infringement
19. The non-transitory computer readable storage medium of claim 15, wherein the information indicates failure of the transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit.	On information and belief, the information indicates failure of the transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit. Specifically, a user review of the Speed Queen app indicates that the app can generate error messages, and such an error message may be generated when the information exchanged between the washer/dryer and the mobile device indicates failure of the transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit. <i>See, e.g., Reference 1.</i>

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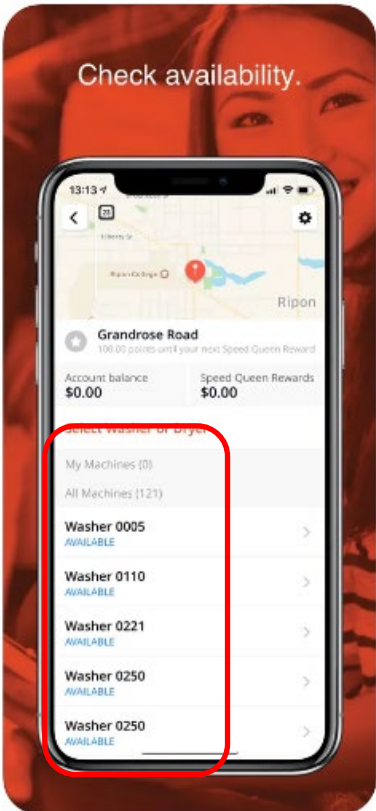
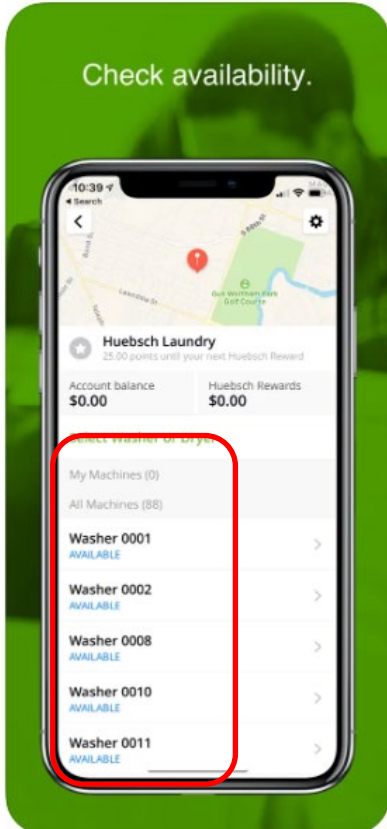
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Claim Language	Infringement
20. The non-transitory computer readable storage medium of claim 15, wherein identifying the one or more payment accepting units includes identifying a payment activated washer, a payment activated dryer, a vending machine, a parking meter, a toll booth, an arcade game, a kiosk, a photo booth, or a ticket dispensing machine.	The payment operated machines include, at minimum, payment activated washers and dryers. <i>See, e.g.,</i> References 2 and 4.

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	 <p>The Speed Queen app displays payment accepting washers/dryers that can be selected.</p>	 <p>The Huebsch app displays payment accepting washers/dryers that can be selected.</p>
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