Comparison: Claims of the '614 Patent Compared to claims of the '920 Patent

~~Deletions reflect deletions from Claim 1 of the '614 Patent~~; **Additions reflect text added to Claim 1 of the '920 Patent**

'614 Patent Claim 1 (Found unpatentable. *KioSoft Technologies, LLC v. PayRange Inc.*, PGR2023-00093, Paper 38, p. 43)	'920 Patent Claim 1 Limitation [1.P]
1. A method of presenting representations of payment accepting unit events, comprising:	1. A method of presenting representations of payment accepting unit events, comprising:
Limitation [1.1]	**Limitation [1.1]**
at a mobile device with one or more processors, memory, one or more output devices including a display, and one or more radio transceivers:	at a mobile device with one or more processors, memory, one or more output devices including a display, and one or more radio transceivers:
Limitation [1.2]	**Limitation [1.2]**
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,	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,
Limitation [1.3]	**Limitation [1.3]**
the identifying including detecting predefined radio messages broadcast by the one or more payment accepting units	the identifying ~~including detecting predefined radio messages broadcast by~~ **based at least in part on an identifier or location corresponding to** the one or more payment accepting units,

Limitation [1.4]	Limitation [1.4]
wherein the one or more payment accepting units are vending machines that accept payment for dispensing of products and/or services;	wherein the one or more payment accepting units are ~~vending~~ **payment operated** machines that accept payment for dispensing of products and/or services;
Limitation [1.5]	**Limitation [1.5]**
displaying a user interface of the mobile payment application on the display of the mobile device,	displaying a user interface of the mobile payment application on the display of the mobile device,
Limitation [1.6]	**Limitation [1.6]**
the user interface being configured to display a visual indication of the one or more payment accepting units and	the user interface being configured to display a visual indication of the one or more payment accepting units and
Limitation [1.7]	**Limitation [1.7]**
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 vending transaction initiated by the user of the mobile device with the available payment accepting unit of the one or more payment accepting units;	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 vending transaction initiated by the user of the mobile device with the~~ **selecting an** available payment accepting unit of the one or more payment accepting units;
Limitation [1.8]	**Limitation [1.8]**
establishing via the one or more radio transceivers a wireless connection between the mobile device and the available payment accepting unit of the one or more payment accepting units;	establishing via the one or more radio transceivers a wireless ~~connection between~~ **communication path including** the mobile device and the available payment accepting unit of the one or more payment accepting units;

Limitation [1.9]	Limitation [1.9]
after establishing the wireless connection, presenting the user interface of the mobile payment application and enabling user interaction with the user interface of the mobile payment application to complete the vending transaction;	after establishing the wireless ~~connection~~ **communication path**, ~~presenting the user interface of the mobile payment application and~~ enabling user interaction with the user interface of the mobile payment application to complete ~~the vending transaction~~ **a transaction with the available payment accepting unit**,
N/A	**Limitation [1.10]**
N/A	**wherein the user interface includes a visual representation of the available payment accepting unit,**
N/A	**Limitation [1.11]**
N/A	**an indication of a balance,**
N/A	**Limitation [1.12]**
N/A	**and an affordance that, in response to a user input, indicates completion of the transaction**;
Limitation [1.10]	**Limitation [1.13]**
exchanging information with the available payment accepting unit via the one or more radio transceivers, in conjunction with the vending transaction; and	exchanging information with the available payment accepting unit via the one or more radio transceivers, in conjunction with the ~~vending~~ transaction; and
Limitation [1.11]	**Limitation [1.14]**
in response to receiving the information, displaying, on the display, an updated user interface of the mobile payment application to the user of the mobile device.	~~in response to receiving~~ **after exchanging** the information, displaying, on the display, an updated user interface of the mobile payment application to the user of the mobile device.

3

’614 Patent Claim 2 (Found unpatentable. *Id.*, p. 49)	’920 Patent Claim 2
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 LEDs of the mobile device.	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 diodes (**LEDs**)** of the mobile device.
’614 Patent Claim 3 (Found unpatentable. *Id.*)	’920 Patent Claim 3
3. The method of claim 1, wherein the information indicates completion of the vending transaction between the user of the mobile device and the available payment accepting unit.	3. The method of claim 1, wherein the information indicates completion of the ~~vending~~ transaction between the user of the mobile device and the available payment accepting unit.
’614 Patent Claim 4 (Found unpatentable. *Id.*)	’920 Patent Claim 4
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 vending transaction, and the method further comprises: sending at least the amount of the completed vending transaction to a server via the long-range transceiver.	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 ~~vending~~ transaction, and the method further comprises: sending at least the amount of the completed ~~vending~~ transaction to a server via the long-range transceiver.

4

'614 Patent Claim 5 (Found unpatentable. *Id.*)	'920 Patent Claim 5
5. The method of claim 1, wherein the information indicates abortion of the vending transaction initiated by the user of the mobile device.	5. The method of claim 1, wherein the information indicates abortion of the ~~vending~~ transaction initiated by the user of the mobile device.

'614 Patent Claim 6 (Found unpatentable. *Id.*)	'920 Patent Claim 6
6. The method of claim 1, wherein the information indicates failure of the vending transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit.	6. The method of claim 1, wherein the information indicates failure of the ~~vending~~ transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit.

'614 Patent Claim 7	'920 Patent Claim 7
7. The method of claim 1, wherein the mobile device includes an accelerometer and the method further comprises: based on data from the accelerometer, determining whether the user is walking away from the available payment accepting unit; and in accordance with a determination that the user is walking away from the available payment accepting unit, canceling the wireless connection.	7. The method of claim 1, wherein the mobile device includes an accelerometer and the method further comprises: based on data from the accelerometer, determining whether the user is walking away from the available payment accepting unit; and in accordance with a determination that the user is walking away from the available payment accepting unit, canceling the wireless ~~connection~~ **communication path**.

'614 Patent Claim 8 (Found unpatentable. *Id.*)	'920 Patent Claim 8
8. The method of claim 1, wherein the information reflects a status of the vending transaction for a product stocked by the available payment accepting unit.	8. The method of claim 1, wherein the information reflects ~~a status~~ **availability** of the ~~vending transaction for a product stocked by the~~ available payment accepting unit **to conduct a transaction**.

5

'614 Patent Claim 9 (Found unpatentable. *Id.*)	'920 Patent Claim 9
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 vending transaction.	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 ~~vending~~ transaction.
'614 Patent Claim 10 (Found unpatentable. *Id.*)	**'920 Patent Claim 10**
10. The method of claim 1, wherein the user interface of the mobile payment application presented after establishing via the wireless connection indicates that the wireless connection has been established with the available payment accepting unit.	10. The method of claim 1, wherein the user interface of the mobile payment application**,** ~~presented~~ after establishing ~~via~~ the wireless ~~connection~~ **communication path,** indicates that the wireless ~~connection~~ **communication path** has been established with the available payment accepting unit.

6

'614 Patent Claim 11	'920 Patent Claim 11 and Claim 1[1]
	Comparison to '920 Patent Claim 11
11. The method of claim 1, wherein the user interface of the mobile payment application presented after establishing via the wireless connection includes: a visual representation of available payment accepting unit; an indication of a prepared balance; and an affordance that when slid, indicates the initiation of the vending transaction.	11. The method of claim 1, wherein the user ~~interface of the mobile payment application presented after establishing via the wireless connection includes:~~ ~~a visual representation of available payment accepting unit;~~ ~~an indication of a prepared balance; and~~ ~~an affordance that when~~ **input is a swipe that causes the affordance to be** slid~~.~~**.**~~, indicates the initiation of the vending transaction.~~
	Comparison to '920 Patent Claim 1 Limitations [1.10]-[1.12]
11. The method of claim 1, wherein the user interface of the mobile payment application presented after establishing via the wireless connection includes: a visual representation of available payment accepting unit; an indication of a prepared balance; and an affordance that when slid, indicates the initiation of the vending transaction.	Limitation [1.10]: ~~11. The method of claim 1,~~ wherein the user interface ~~of the mobile payment application presented after establishing via the wireless connection~~ includes:~~ ~~a visual representation of the available payment accepting unit; Limitation [1.11]: an indication of a ~~prepared~~ balance; and Limitation [1.12]: an affordance that ~~when slid~~**, in response to a user input**, indicates ~~initiation~~ **completion** of the transaction~~;~~**.**

---

[1] '614 Patent Claim 11 is also highly similar to Limitations [1.10]-[1.12] of '920 Patent Claim 1.

'614 Patent Claim 12	'920 Patent Claim 11[2]
12. The method of claim 11, 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.	~~12.~~ **11.** The method of claim 1, wherein the ~~affordance is slid in response to receiving a~~ user input ~~of~~ **is a** swipe ~~on the affordance displayed~~ ~~on the display~~ ~~of the mobile device~~ **that causes the affordance to be slid**.

'614 Patent Claim 14[3] (found unpatentable. *Id.*, p. 44)	'920 Patent Claim 13[4]

14. 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, the one or more programs comprising instructions for:
 	
[remaining elements are identical to '614 Patent Claim 1]
	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, the one or more programs comprising instructions for:
	
	[remaining elements are identical to '920 Patent Claim 1]

---

[2] '614 Patent Claims 11 and 12 both correspond to '920 Patent Claim 11.

[3] '614 Patent Claim 13 does not have a corresponding '920 Patent Claim.

[4] '920 Patent Claim 12 does not have a corresponding '614 Patent Claim.

'614 Patent Claim 18[5] (found unpatentable. *Id.*, p. 49)	'920 Patent Claim 14
18. The mobile device of claim 14, wherein the one or more payment accepting units further comprise one or more of: parking meters, toll booths, laundromat washers, laundromat dryers, arcade games, kiosks, photo booths, toll booths, and/or transit ticket dispensing machines.	~~18.~~ **14.** The mobile device of claim ~~14~~ **13**, wherein **identifying** the one or more payment accepting units ~~further comprise~~ **includes identifying a** ~~one or more of: parking meters, toll booths, laundromat~~ **payment activated** washer~~s~~, **payment activated** ~~laundromat~~ dryer~~s~~, **a vending machine, a parking meter, a toll booth, an** arcade game~~s,~~ **a** kiosk~~s,~~ **a** photo booth~~s~~, ~~toll booths,~~ ~~and/~~or ~~transit~~ **a** ticket dispensing machine~~s~~.
'614 Patent Claim 20[6] (found unpatentable. *Id.*, p. 44)	'920 Patent Claim 15
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 radio transceivers, cause the mobile device to perform operations comprising: [remaining elements are identical to '614 Claim 1]	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 radio transceivers, cause the mobile device to perform operations comprising: [remaining elements are identical to '920 Claim 1]

[5] '614 Patent Claims 15-17 do not have corresponding '920 Patent Claims.

[6] '614 Patent Claim 19 does not have a corresponding '920 Patent Claim.

9

'614 Patent Claim 21 (found unpatentable. *Id.*, p. 49)	'920 Patent Claim 16

21. The non-transitory computer readable storage medium of claim 9, 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 LEDs of the mobile device.
	~~21.~~ **16.** The non-transitory computer readable storage medium of claim ~~9~~**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
	    a visual alert from one or more **light-emitting diodes (**LEDs**)** of the mobile device.

'614 Patent Claims 22 and 23 (found unpatentable. *Id.*)	'920 Patent Claim 17

22. The non-transitory computer readable storage medium of claim 20, wherein:
    the information indicates completion of the vending transaction between the user of the mobile device and the available payment accepting unit.
	~~22.~~ **17.** The non-transitory computer readable storage medium of claim ~~20~~**15**, wherein:
	    the information indicates completion of the ~~vending~~ transaction between the user of the mobile device and the available payment accepting unit;

23. The non-transitory computer readable storage medium of claim 22, wherein
    the information at least includes an amount of the completed vending transaction, and
    the instructions further cause the mobile device to send at least the amount of the completed vending transaction to a server.
	~~23. The non-transitory computer readable storage medium of claim 22, wherein~~
	    the information at least includes an amount of the completed ~~vending~~ transaction; and
	    the instructions further cause the mobile device to send at least the amount of the completed ~~vending~~ transaction to a server.

'614 Patent Claim 24 (found unpatentable. *Id.*)	'920 Patent Claim 18
24. The non-transitory computer readable storage medium of claim 20, wherein the information indicates abortion of the vending transaction initiated by the user of the mobile device.	~~24.~~ **18.** The non-transitory computer readable storage medium of claim ~~20~~**15**, wherein the information indicates abortion of the ~~vending~~ transaction initiated by the user of the mobile device.

'614 Patent Claim 25 (found unpatentable. *Id.*)	'920 Patent Claim 19[7]
25. The non-transitory computer readable storage medium of claim 20, wherein the information indicates failure of the vending transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit.	~~25.~~ **19.** The non-transitory computer readable storage medium of claim ~~20~~**15**, wherein the information indicates failure of the ~~vending~~ transaction initiated by the user of the mobile device or a malfunction associated with the available payment accepting unit.

---

[7] '920 Patent Claim 20 does not have a corresponding '614 Patent Claim.