Exhibit 743-A13
Invalidity Chart for U.S. Patent No. 11,924,743 In View of Smith

U.S. Patent Application Publication No. 2007/0124211 ("Smith") was filed on May 25, 2006, published on May 31, 2007, and therefore qualifies as prior art under at least 35 U.S.C. §§ 102(a), (b), and (e) as to the asserted claims of U.S. Pat. No. 11,924,743 ("the '743 Patent"). Smith, including any material incorporated by reference into Smith, anticipates claims 1-14 ("the Asserted Claims") of the '743 Patent under 35 U.S.C. § 102. Smith also renders obvious the Asserted Claims under 35 U.S.C. § 103, alone based on the state of the art and/or in combination with one or more references identified in Samsung's accompanying disclosure for the '743 Patent.[1]

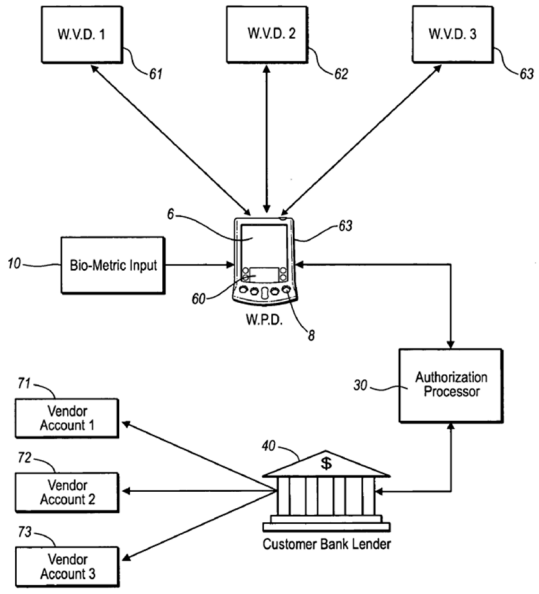
To the extent Plaintiff alleges that the Smith does not disclose any particular limitation of the Asserted Claims of the '743 Patent, either expressly or inherently, it would have been obvious to a person of ordinary skill in the art as of the priority date of the '743 Patent to modify the Smith reference and/or to combine the teachings of the Smith reference with other prior art references, including but not limited to the present prior art references found in Exhibit 743-B and the corresponding section(s) of charts for other prior art references for the '743 Patent in a manner that would have rendered the Asserted Claims invalid as obvious.

With respect to the obviousness of the Asserted Claims under 35 U.S.C. § 103, one or more of the principles enumerated by the United States Supreme Court in *KSR v. Teleflex,* 550 U.S. 398 (2007) apply, including: (a) combining various claimed elements known in the prior art according to known methods to yield a predictable result; and/or (b) making a simple substitution of one or more known elements for another to obtain a predictable result; and/or (c) using a known technique to improve a similar device or method in the same way; and/or (d) applying a known technique to a known device or method ready for improvement to yield a predictable result; and/or (e) choosing from a finite number of identified, predictable solutions with a reasonable expectation of success or, in other words, the solution was one which was "obvious to try"; and/or (f) a known work in one field of endeavor prompting variations of it for use either in the same field or a different field based on given design incentives or other market forces in which the variations were predictable to one of ordinary skill in the art; and/or (g) a teaching, suggestion, or motivation in the prior art that would have led one of ordinary skill in the art to modify the prior art reference or to combine the teachings of various prior art references to arrive at the claimed invention. It therefore would have been obvious to one of ordinary skill in the art to combine the disclosures of these references in accordance with the principles and rationales set forth above.

[1] Samsung notes that Plaintiff appears in many instances to be pursuing overly broad constructions of various limitations of the asserted claims of the '743 Patent in an effort to piece together an infringement claim where none exists and to accuse a product that does not practice the claims. This claim chart may take into account Plaintiff's overly broad constructions of the claim limitations. Any assertion that a particular limitation is disclosed by a prior art reference may be based on Plaintiff's apparent constructions and is not intended to be, and is not, an admission that such constructions are supportable or proper.

Exhibit 743-A13
Invalidity Chart for U.S. Patent No. 11,924,743 In View of Smith

The citations to portions of any reference in this chart are exemplary only. For example, a citation that refers to or discusses a figure or figure item should be understood to also incorporate by reference that figure and any additional descriptions of that figure as if set forth fully therein. Samsung reserves the right to rely on the entirety of the references cited in this chart to show that the Asserted Claims are invalid. Citations presented for one claim limitation are expressly incorporated by reference into all other limitations for that claim as well as all limitations of all claims on which that claim depends. Samsung also reserves the right to rely on additional citations or sources of evidence that also may be applicable, or that may become applicable in light of claim construction, changes in Plaintiff's infringement contentions, and/or information obtained during discovery as the case progresses.

Claim	U.S. Patent No. 11,924,743	Exemplary Disclosure in Smith
[1.1]	A method of establishing a capability at a smartphone to conduct a financial transaction; the method comprising:	To the extent the preamble is limiting, Smith discloses "a method of establishing a capability at a smartphone to conduct a financial transaction; the method comprising:" See e.g.:  *Figure 3* Smith at Figure 03

		Wireless communication technology has progressed rapidly in recent years. Cell phones and other long-range communication devices have proliferated and are now commonplace among consumers. As technology advances, the cost of these devices is plummeting and even more widespread use is eminent. Mobile phones, pagers, two-way radios, smartphones, personal digital assistants (PDAs) and other communicators are all available on the market. Smith at Para 0011 The present invention relates to systems, methods and apparatus for making purchase transactions at a point-of-sale. A wireless purchase device (WPD) comprising a short range communications device for communication with vendor point-of-sale equipment such as a wireless vendor device (WVD) and a long range communications device for communications with credit or debit authorization processors. In preferred embodiments, a WVD will communicate vendor identification data and a transaction purchase price to a WPD and a WPD user will determine whether to complete the transaction. The transaction may be completed by transmitting the vendor identification and purchase data to an authorization processor for credit or debit approval. Authorization approval or denial is transmitted to the WPD where the user is discretely notified of the outcome. If approved, the user may transmit the approval to the WVD to complete the transaction. Using the systems and methods of the present invention, vendors need not maintain long range communications between points-of-sale and authorization processors or other parties. Purchasers also benefit from the discrete notification of credit or debit approval or rejection. Smith at Abstract Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as

		embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[1.2]	responsive to sensing a value of a parameter and responsive to determining that the value of the parameter sensed satisfies a criterion, selectively establishing a master-slave relationship, and selectively requesting an authorization to establish said capability; then	Smith discloses "responsive to sensing a value of a parameter and responsive to determining that the value of the parameter sensed satisfies a criterion, selectively establishing a master-slave relationship, and selectively requesting an authorization to establish said capability; then" See e.g.: The invalidity chart for the '793 patent in view of Smith at 1.2-1.5. Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase. Smith at Para 0020 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of

		a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[1.3]	receiving the authorization to establish the capability, responsive to said selectively requesting an authorization, and establishing the capability at the smartphone responsive to said receiving the authorization;	Smith discloses "receiving the authorization to establish the capability, responsive to said selectively requesting an authorization, and establishing the capability at the smartphone responsive to said receiving the authorization;" See e.g.: The invalidity chart for the '793 patent in view of Smith at 1.6-1.7. Wireless communication technology has progressed rapidly in recent years. Cell phones and other long-range communication devices have proliferated and are now commonplace among consumers. As technology advances, the cost of these devices is plummeting and even more widespread use is eminent. Mobile phones, pagers, two-way radios, smartphones, personal digital assistants (PDAs) and other communicators are all available on the market. Smith at Para 0011

		In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038

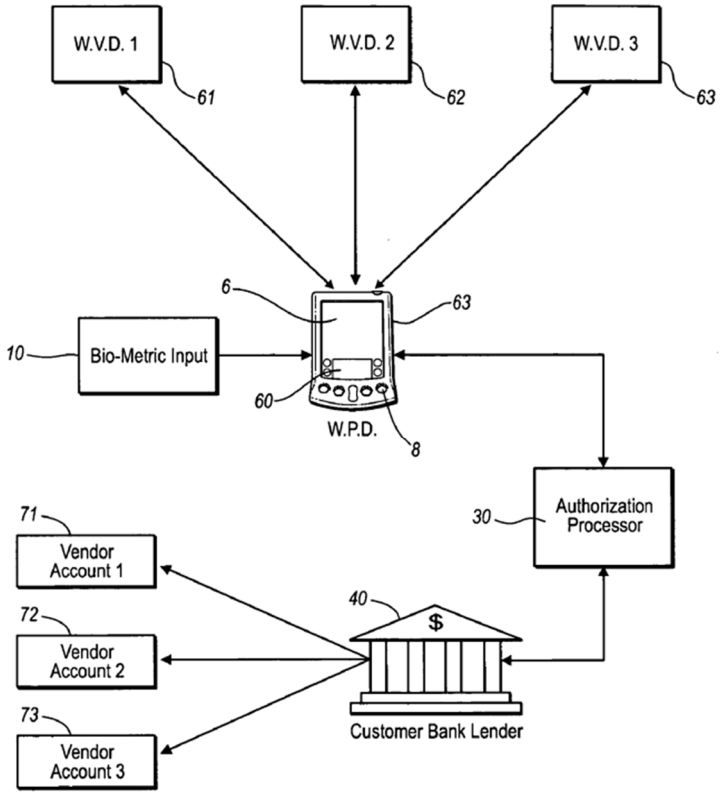


Figure 3

Smith at Figure 03

Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as

		embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[1.4]	wherein said selectively establishing a master-slave relationship, said selectively requesting an authorization and said receiving the authorization comprises wirelessly transmitting/receiving using a WiFi air interface protocol, an Orthogonal Frequency Division Multiplexing air interface protocol and/or an Orthogonal Frequency Division Multiple Access air interface protocol; and	Smith discloses "wherein said selectively establishing a master-slave relationship, said selectively requesting an authorization and said receiving the authorization comprises wirelessly transmitting/receiving using a WiFi air interface protocol, an Orthogonal Frequency Division Multiplexing air interface protocol and/or an Orthogonal Frequency Division Multiple Access air interface protocol; and" See e.g.: Wireless communication devices are also becoming commonplace in the electronics industry. Wireless networking of portable computers and associated devices is now replacing a large segment of the networking market. Wireless communication devices including wireless networking adapters, hubs and other equipment utilize radio transmitters and receivers to transmit data signals from one device or node to another. These radio transmitters and receivers must utilize a specific frequency band and protocol to accomplish this task. Since these wireless networks and communications areas may often overlap, standards, protocols and privacy protection are necessary. One current standard in the industry has been established by the Institute of Electrical and Electronics Engineers, Inc. (IEEE) and is known as IEEE 802.11. This standard comprises communications standards, protocol and equipment specifications for wireless communication equipment including privacy and encryption provisions. Smith at Para 0015 In reference to FIG. 1, a preferred embodiment of a consumer's wireless purchasing device (WPD) 2 is shown comprising a microprocessor 4 for processing consumer input, communications functions and display functions as well as other functions. WPD 2 may also comprise a display 6 in preferred embodiments, however display 6 is not required for rudimentary embodiments. An input device 8 may also be part of WPD 2 to allow for consumer input and selection. WPD 2 may communicate with other electronic devices using a short-range communications device 14. Short range communications device 14 may be used to communicate with a vendor's point-of-sale device, such as wireless

vending device (WVD) 20, with other WPDs, with external communication device or with other electronic devices. However, the key function of short range communications device 14 is to communicate with WVDs, and in some embodiments with external long range communication device 16. Short range communications device 14 may be a Bluetooth® transceiver or similar short range networking device or may be an Infrared transceiver such as an IrDA standard port as well as other devices.

Smith at Para 0029

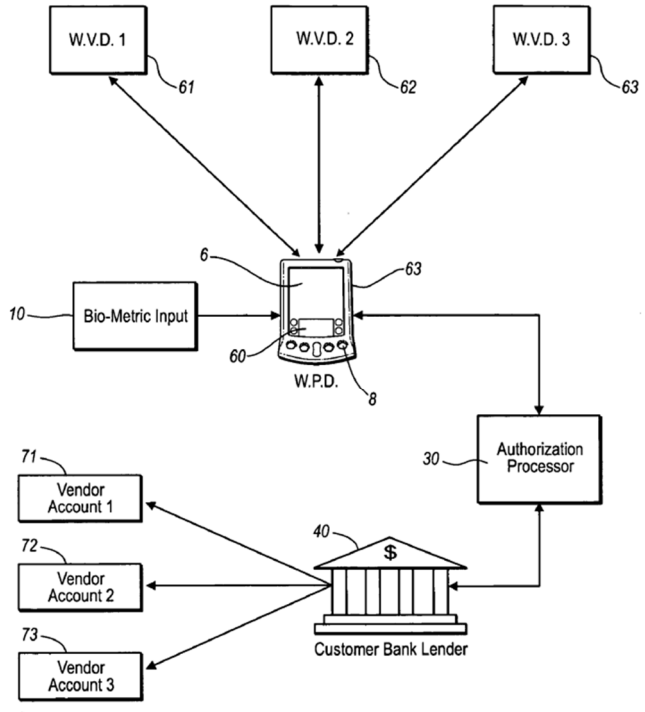


Figure 3

Smith at Figure 03

		In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.

[1.5]	wherein the value of the parameter that is sensed comprises a signal, a number, a word, a code, a velocity, an acceleration, a time-of-day, a position, a humidity, a temperature, a height, a level of brightness, a level of darkness, a blood pressure, a heart rate, a blood content, a physiological state and/or a psychological state.	Smith discloses "wherein the value of the parameter that is sensed comprises a signal, a number, a word, a code, a velocity, an acceleration, a time-of-day, a position, a humidity, a temperature, a height, a level of brightness, a level of darkness, a blood pressure, a heart rate, a blood content, a physiological state and/or a psychological state." See e.g.: Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase. Smith at Para 0020 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Smith at Para 0038

		Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[2.1]	The method of claim 1, further comprising:	To the extent the preamble is limiting, Smith discloses "the method of claim 1, further comprising:" See e.g.: Claim 1, supra. Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[2.2]	repeatedly sensing said value of the parameter and repeatedly deciding, based on comparing the value of the parameter to the criterion, whether or not to maintain enabled a first function of the smartphone while maintaining disabled a second function of the smartphone; and	Smith discloses "repeatedly sensing said value of the parameter and repeatedly deciding, based on comparing the value of the parameter to the criterion, whether or not to maintain enabled a first function of the smartphone while maintaining disabled a second function of the smartphone; and" See e.g.: Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase Smith at Para 0020

		Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[2.3]	maintaining enabled said first function while maintaining disabled said second function responsive to deciding that said value of the parameter continues to satisfy the criterion; or	Smith discloses "maintaining enabled said first function while maintaining disabled said second function responsive to deciding that said value of the parameter continues to satisfy the criterion; or" See e.g.: Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase Smith at Para 0020 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[2.4]	disabling said first function and enabling said second function responsive to deciding that the	Smith discloses "disabling said first function and enabling said second function responsive to deciding that the value of the parameter no longer satisfies the criterion." See e.g.:

	value of the parameter no longer satisfies the criterion.	Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase Smith at Para 0020 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.

[3.1]	The method of claim 1, wherein following said establishing the capability at the smartphone, the method further comprises:	To the extent the preamble is limiting, Smith discloses "The method of claim 1, wherein following said establishing the capability at the smartphone, the method further comprises:" See e.g.: Claim 1, supra. The present invention relates to systems, methods and apparatus for making purchase transactions at a point-of-sale. A wireless purchase device (WPD) comprising a short range communications device for communication with vendor point-of-sale equipment such as a wireless vendor device (WVD) and a long range communications device for communications with credit or debit authorization processors. In preferred embodiments, a WVD will communicate vendor identification data and a transaction purchase price to a WPD and a WPD user will determine whether to complete the transaction. The transaction may be completed by transmitting the vendor identification and purchase data to an authorization processor for credit or debit approval. Authorization approval or denial is transmitted to the WPD where the user is discretely notified of the outcome. If approved, the user may transmit the approval to the WVD to complete the transaction. Using the systems and methods of the present invention, vendors need not maintain long range communications between points-of-sale and authorization processors or other parties. Purchasers also benefit from the discrete notification of credit or debit approval or rejection. Smith at Abstract Wireless communication technology has progressed rapidly in recent years. Cell phones and other long-range communication devices have proliferated and are now commonplace among consumers. As technology advances, the cost of these devices is plummeting and even more widespread use is eminent. Mobile phones, pagers, two-way radios, smartphones, personal digital assistants (PDAs) and other communicators are all available on the market. Smith at Para 0011

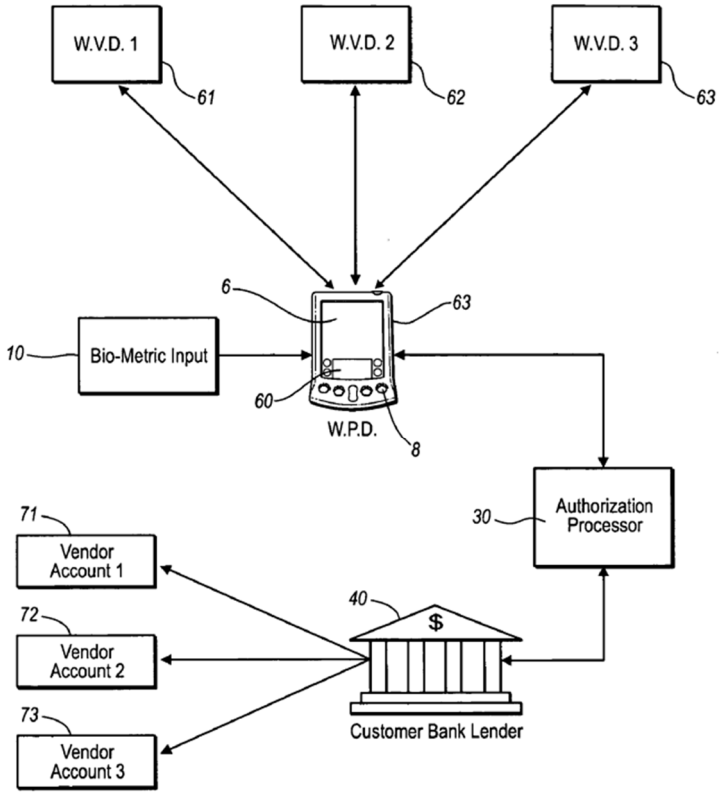


Figure 3

Smith at Figure 03

Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as

		embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[3.2]	responsive to satisfying a proximity condition and responsive to sensing the value of the parameter and determining that the value of the parameter sensed satisfies the criterion, using the capability to conduct the financial transaction that has been established at the smartphone and conducting the financial transaction by paying for a product;	Smith discloses "responsive to satisfying a proximity condition and responsive to sensing the value of the parameter and determining that the value of the parameter sensed satisfies the criterion, using the capability to conduct the financial transaction that has been established at the smartphone and conducting the financial transaction by paying for a product;" See e.g.: Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase. Smith at Para 0020 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by

		biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[3.3]	wherein said paying for a product comprises sensing that the proximity condition is satisfied relative to an access point maintained by a vendor at a point of purchase counter, by detecting a short-range signal that is transmitted by the access point, determining that the value of the parameter that is sensed satisfies the criterion and then, responsive to having sensed that the proximity condition is satisfied relative to the access point and having determined that the value of the parameter sensed satisfies the criterion, paying for the	Smith discloses "wherein said paying for a product comprises sensing that the proximity condition is satisfied relative to an access point maintained by a vendor at a point of purchase counter, by detecting a short-range signal that is transmitted by the access point, determining that the value of the parameter that is sensed satisfies the criterion and then, responsive to having sensed that the proximity condition is satisfied relative to the access point and having determined that the value of the parameter sensed satisfies the criterion, paying for the product by selectively sending information to at least one device;" See e.g.: In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62

	product by selectively sending information to at least one device;	and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[3.4]	wherein said paying for the product by selectively sending information to at least one device comprises selectively and wirelessly transmitting information to the at least one device using unlicensed frequencies; and	Smith discloses "wherein said paying for the product by selectively sending information to at least one device comprises selectively and wirelessly transmitting information to the at least one device using unlicensed frequencies; and" See e.g.: Another innovation in the wireless communications arena is the advent of short-range wireless networking between portable communications devices. One standard for this technology is known as Bluetooth®, and is being established by

		a collaborative group of communications and computing companies. Devices incorporating Bluetooth® technology will utilize a micro-chip transceiver for communications between devices. Bluetooth® devices will transmit in the previously unused 2.4 GHz range and will have a range of about meters which may be extended to about 100 meters by increasing transmitter power. Bluetooth® technology promises to be a viable and economical networking solution for interconnection of cell phones, computers, printers, modems, computer peripherals, fax machines and other communications and computing devices. The size of the Bluetooth® transceiver makes it usable in devices as small as palm computers and cell phones. Smith at Para 0016 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of

		funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[3.5]	wherein said paying for the product by selectively sending information to at least one device is further responsive to said selectively requesting an authorization, said receiving the authorization and said establishing the capability at the smartphone.	Smith discloses "wherein said paying for the product by selectively sending information to at least one device is further responsive to said selectively requesting an authorization, said receiving the authorization and said establishing the capability at the smartphone." See e.g.: In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by

		biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[4.1]	The method of claim 3, wherein said paying for a product further comprises deducting/withdrawing an amount of money from an account.	To the extent the preamble is limiting, Smith discloses "The method of claim 3, wherein said paying for a product further comprises deducting/withdrawing an amount of money from an account." See e.g.: Authorization by authorization processor 30 also causes a request to be transmitted from processor 30 to the customer's financial institution 40 to transfer funds from the customer's account to the vendor's account 42. Smith at Para 0036 As embodiments of the present invention are to be used with credit and debit card accounts which generally require authorization before funds may be transferred, WPDs may communicate with authorization providers 30 using long range communication device 12 or 16. WPD communication device 12 or 16 may communicate with authorization long range communications device 34 using known wireless communications methods such as through the use of wireless modems. This communication may be direct between communication device 12

		or 16 and 34 or may involve a wireless communications base 36 which receives and transmits wireless signals and converts them to a wired connections such as with a standard telephone line. Authorization communications device 34 provides access to authorization computer 32 which may authorize credit and debit transactions and execute transfers of funds to the appropriate accounts. Smith at Para 0034 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[5.1]	The method of claim 4,	To the extent the preamble is limiting, Smith discloses "The method of claim 4," See e.g.: Claim 4, supra. Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[5.2]	wherein said selectively sending information to at least one device comprises selectively sending information to the access point maintained by the vendor at the	Smith discloses "wherein said selectively sending information to at least one device comprises selectively sending information to the access point maintained by the vendor at the point of purchase counter and to at least one other device that is predetermined; and" See e.g.:

	point of purchase counter and to at least one other device that is predetermined; and	In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as

		embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[5.3]	wherein the method further comprises selectively receiving information from the access point maintained by the vendor at the point of purchase counter and from at least one other device that is predetermined.	Smith discloses "wherein the method further comprises selectively receiving information from the access point maintained by the vendor at the point of purchase counter and from at least one other device that is predetermined." See e.g.: In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038

		Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[6.1]	The method of claim 4, wherein said using unlicensed frequencies comprises using unlicensed frequencies over a short-range link in a Time Division Duplex operation.	To the extent the preamble is limiting, Smith discloses "The method of claim 4, wherein said using unlicensed frequencies comprises using unlicensed frequencies over a short-range link in a Time Division Duplex operation." See e.g.: Claim 4, supra. [3.4], supra. Another innovation in the wireless communications arena is the advent of short-range wireless networking between portable communications devices. One standard for this technology is known as Bluetooth®, and is being established by a collaborative group of communications and computing companies. Devices incorporating Bluetooth® technology will utilize a micro-chip transceiver for communications between devices. Bluetooth® devices will transmit in the previously unused 2.4 GHz range and will have a range of about meters which may be extended to about 100 meters by increasing transmitter power. Bluetooth® technology promises to be a viable and economical networking solution for interconnection of cell phones, computers, printers, modems, computer peripherals, fax machines and other communications and computing devices. The size of the Bluetooth® transceiver makes it usable in devices as small as palm computers and cell phones. Smith at Para 0016 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of

		ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[7.1]	The method of claim 1, wherein prior to said selectively requesting an authorization the method comprises:	To the extent the preamble is limiting, Smith discloses "The method of claim 1, wherein prior to said selectively requesting an authorization the method comprises:" See e.g.: Claim 1, supra. In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038

		Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[7.2]	enabling a first function of the smartphone while disabling a second function of the smartphone responsive to sensing the parameter and responsive to determining that the parameter sensed satisfies the criterion; then	Smith discloses "enabling a first function of the smartphone while disabling a second function of the smartphone responsive to sensing the parameter and responsive to determining that the parameter sensed satisfies the criterion; then" See e.g.: Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase Smith at Para 0020 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[7.3]	selectively communicating with a device by using a communications capability of the first function,	Smith discloses "selectively communicating with a device by using a communications capability of the first function, selectively establishing the master-slave relationship with the device and selectively requesting from the device the

	selectively establishing the master-slave relationship with the device and selectively requesting from the device the authorization to establish the capability for conducting the financial transaction.	authorization to establish the capability for conducting the financial transaction." See e.g.: [1.2], [1.3], and [1.4], supra. In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038

		Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[8.1]	A smartphone that is configured to perform operations in order to establish a capability to conduct a financial transaction; the operations comprising:	To the extent the preamble is limiting, Smith discloses "A smartphone that is configured to perform operations in order to establish a capability to conduct a financial transaction; the operations comprising:" See e.g.: [1.1], supra. Wireless communication technology has progressed rapidly in recent years. Cell phones and other long-range communication devices have proliferated and are now commonplace among consumers. As technology advances, the cost of these devices is plummeting and even more widespread use is eminent. Mobile phones, pagers, two-way radios, smartphones, personal digital assistants (PDAs) and other communicators are all available on the market. Smith at Para 0011

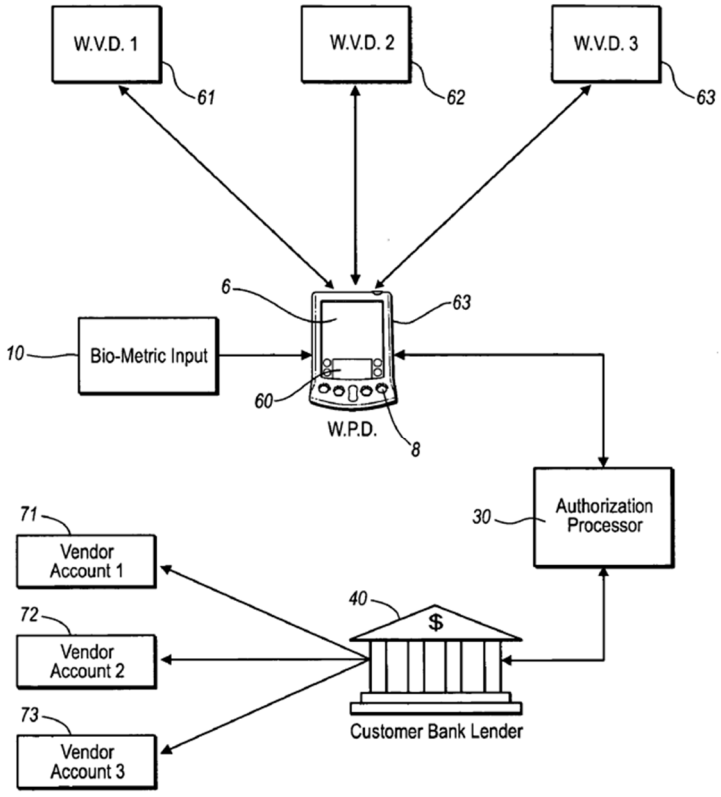


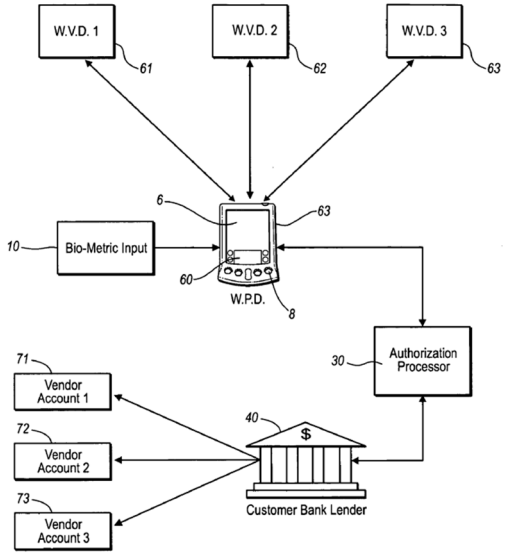
Figure 3

Smith at Figure 03

The present invention relates to systems, methods and apparatus for making purchase transactions at a point-of-sale. A wireless purchase device (WPD) comprising a short range communications device for communication with vendor point-of-sale equipment such as a wireless vendor device (WVD) and a long range communications device for communications with credit or debit authorization processors. In preferred embodiments, a WVD will communicate vendor identification data and a transaction purchase price to a WPD and a WPD

		user will determine whether to complete the transaction. The the WPD where the user is discretely notified of the outcome. If approved, the user may transmit the approval to the WVD to complete the transaction. Using the systems and methods of the present invention, vendors need not maintain long range communications between points-of-sale and authorization processors or other parties. Purchasers also benefit from the discrete notification of credit or debit approval or rejection. Smith at Abstract Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[8.2]	responsive to sensing a value of a parameter and responsive to determining that the value of the parameter sensed satisfies a criterion, selectively establishing a master-slave relationship, and selectively requesting an authorization to establish said capability; then	Smith discloses "responsive to sensing a value of a parameter and responsive to determining that the value of the parameter sensed satisfies a criterion, selectively establishing a master-slave relationship, and selectively requesting an authorization to establish said capability; then" See e.g.: [1.2], supra. Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase. Smith at Para 0020 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these

		embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.

[8.3]	receiving the authorization to establish the capability, responsive to said selectively requesting an authorization, and establishing the capability at the smartphone responsive to said receiving the authorization;	Smith discloses "receiving the authorization to establish the capability, responsive to said selectively requesting an authorization, and establishing the capability at the smartphone responsive to said receiving the authorization;" See e.g.: [1.3], supra.  ***Figure 3*** Smith at Figure 03 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available

		products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[8.4]	wherein said selectively establishing a master-slave relationship, said selectively requesting an authorization and said receiving the authorization comprises wirelessly transmitting/receiving using a WiFi air interface protocol, an	Smith discloses "wherein said selectively establishing a master-slave relationship, said selectively requesting an authorization and said receiving the authorization comprises wirelessly transmitting/receiving using a WiFi air interface protocol, an Orthogonal Frequency Division Multiplexing air interface protocol and/or an Orthogonal Frequency Division Multiple Access air interface protocol; and" See e.g.: [1.4], supra.

	Orthogonal Frequency Division Multiplexing air interface protocol and/or an Orthogonal Frequency Division Multiple Access air interface protocol; and	Wireless communication devices are also becoming commonplace in the electronics industry. Wireless networking of portable computers and associated devices is now replacing a large segment of the networking market. Wireless communication devices including wireless networking adapters, hubs and other equipment utilize radio transmitters and receivers to transmit data signals from one device or node to another. These radio transmitters and receivers must utilize a specific frequency band and protocol to accomplish this task. Since these wireless networks and communications areas may often overlap, standards, protocols and privacy protection are necessary. One current standard in the industry has been established by the Institute of Electrical and Electronics Engineers, Inc. (IEEE) and is known as IEEE 802.11. This standard comprises communications standards, protocol and equipment specifications for wireless communication equipment including privacy and encryption provisions. Smith at Para 0015 In reference to FIG. 1, a preferred embodiment of a consumer's wireless purchasing device (WPD) 2 is shown comprising a microprocessor 4 for processing consumer input, communications functions and display functions as well as other functions. WPD 2 may also comprise a display 6 in preferred embodiments, however display 6 is not required for rudimentary embodiments. An input device 8 may also be part of WPD 2 to allow for consumer input and selection. WPD 2 may communicate with other electronic devices using a short-range communications device 14. Short range communications device 14 may be used to communicate with a vendor's point-of-sale device, such as wireless vending device (WVD) 20, with other WPDs, with external communication device or with other electronic devices. However, the key function of short range communications device 14 is to communicate with WVDs, and in some embodiments with external long range communication device 16. Short range communications device 14 may be a Bluetooth® transceiver or similar short range networking device or may be an Infrared transceiver such as an IrDA standard port as well as other devices. Smith at Para 0029

		In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as

		embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[8.5]	wherein the value of the parameter that is sensed comprises a signal, a number, a word, a code, a velocity, an acceleration, a time-of-day, a position, a humidity, a temperature, a height, a level of brightness, a level of darkness, a blood pressure, a heart rate, a blood content, a physiological state and/or a psychological state.	Smith discloses "wherein the value of the parameter that is sensed comprises a signal, a number, a word, a code, a velocity, an acceleration, a time-of-day, a position, a humidity, a temperature, a height, a level of brightness, a level of darkness, a blood pressure, a heart rate, a blood content, a physiological state and/or a psychological state." See e.g.: [1.5], supra. Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase. Smith at Para 0020 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the

		consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[9.1]	The smartphone of claim 8, wherein the operations further comprise:	To the extent the preamble is limiting, Smith discloses "the smartphone of claim 8, wherein the operations further comprise:" See e.g.: Claim 8, supra. Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[9.2]	repeatedly sensing said value of the parameter and repeatedly deciding, based on comparing the value of the parameter to the criterion, whether or not to maintain enabled a first function of the smartphone while maintaining disabled a second function of the smartphone; and	Smith discloses "repeatedly sensing said value of the parameter and repeatedly deciding, based on comparing the value of the parameter to the criterion, whether or not to maintain enabled a first function of the smartphone while maintaining disabled a second function of the smartphone; and" See e.g.: [2.2], supra.

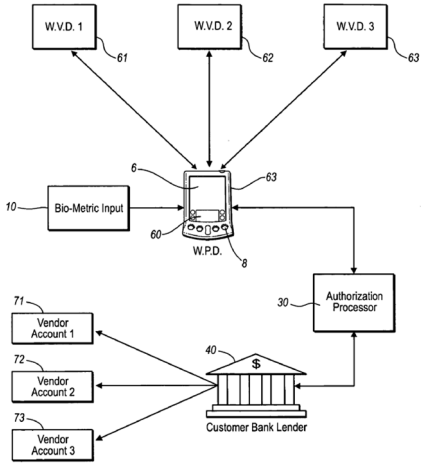


Figure 3

Smith at Figure 03

Wireless communication technology has progressed rapidly in recent years. Cell phones and other long-range communication devices have proliferated and are now commonplace among consumers. As technology advances, the cost of these devices is plummeting and even more widespread use is eminent. Mobile phones, pagers, two-way radios, smartphones, personal digital assistants (PDAs) and other communicators are all available on the market.

Smith at Para 0011

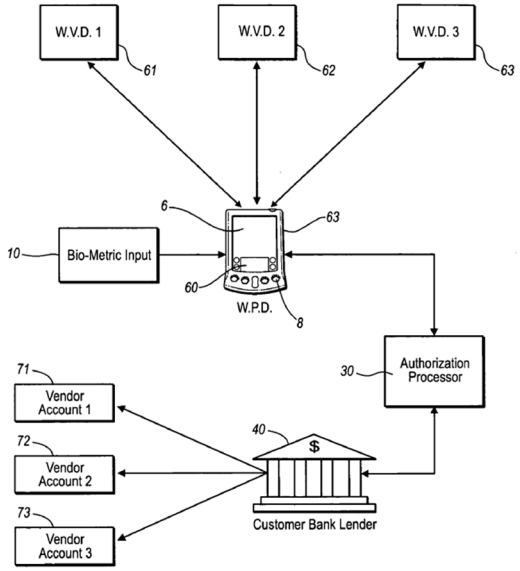
Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase

Smith at Para 0020

		Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[9.3]	maintaining enabled said first function while maintaining disabled said second function responsive to deciding that said value of the parameter continues to satisfy the criterion; or	Smith discloses "maintaining enabled said first function while maintaining disabled said second function responsive to deciding that said value of the parameter continues to satisfy the criterion; or" See e.g.: [2.3], supra. Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase Smith at Para 0020 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.

[9.4]	disabling said first function and enabling said second function responsive to deciding that the value of the parameter no longer satisfies the criterion.	Smith discloses "disabling said first function and enabling said second function responsive to deciding that the value of the parameter no longer satisfies the criterion." See e.g.: [2.4], supra. Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase Smith at Para 0020 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of

		ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[10.1]	The smartphone of claim 8, wherein following said establishing the capability at the smartphone, the operations further comprise:	To the extent the preamble is limiting, Smith discloses "the smartphone of claim 8, wherein following said establishing the capability at the smartphone, the operations further comprise:" See e.g.: Claim 8, supra. Wireless communication technology has progressed rapidly in recent years. Cell phones and other long-range communication devices have proliferated and are now commonplace among consumers. As technology advances, the cost of these devices is plummeting and even more widespread use is eminent. Mobile phones, pagers, two-way radios, smartphones, personal digital assistants (PDAs) and other communicators are all available on the market. Smith at Para 0011 The present invention relates to systems, methods and apparatus for making purchase transactions at a point-of-sale. A wireless purchase device (WPD) comprising a short range communications device for communication with vendor point-of-sale equipment such as a wireless vendor device (WVD) and a long range communications device for communications with credit or debit authorization processors. In preferred embodiments, a WVD will communicate vendor identification data and a transaction purchase price to a WPD and a WPD user will determine whether to complete the transaction. The transaction may be completed by transmitting the vendor identification and purchase data to an authorization processor for credit or debit approval. Authorization approval or denial is transmitted to the WPD where the user is discretely notified of the outcome. If approved, the user may transmit the approval to the WVD to complete the transaction. Using the systems and methods of the present invention, vendors need not maintain long range communications between points-of-sale and authorization processors or other parties. Purchasers also benefit from the discrete notification of credit or debit approval or rejection.

		Smith at Abstract  ***Figure 3*** Smith at Figure 03 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[10.2]	responsive to satisfying a proximity condition and responsive to sensing	Smith discloses "responsive to satisfying a proximity condition and responsive to sensing the value of the parameter and determining that the value of the parameter

	the value of the parameter and determining that the value of the parameter sensed satisfies the criterion, using the capability that has been established at the smartphone to conduct the financial transaction and conducting the financial transaction by paying for a product;	sensed satisfies the criterion, using the capability that has been established at the smartphone to conduct the financial transaction and conducting the financial transaction by paying for a product;" See e.g.: [3.2], supra. Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase. Smith at Para 0020 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is

		transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[10.3]	wherein said paying for a product comprises sensing that the proximity condition is satisfied relative to an access point maintained by a vendor at a point of purchase counter, by detecting a short-range signal that is transmitted by the access point, determining that the value of the parameter that is sensed satisfies the criterion and then, responsive to having sensed that the proximity condition is satisfied relative to the access point and having determined that the value of the parameter sensed satisfies the criterion, paying for said product by selectively sending information to at least one device;	Smith discloses "wherein said paying for a product comprises sensing that the proximity condition is satisfied relative to an access point maintained by a vendor at a point of purchase counter, by detecting a short-range signal that is transmitted by the access point, determining that the value of the parameter that is sensed satisfies the criterion and then, responsive to having sensed that the proximity condition is satisfied relative to the access point and having determined that the value of the parameter sensed satisfies the criterion, paying for said product by selectively sending information to at least one device;" See e.g.: [3.3], supra.

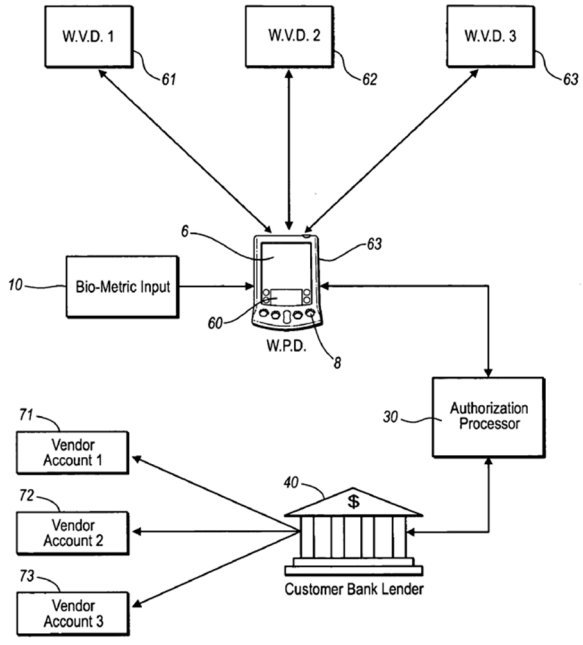


Figure 3

Smith at Figure 03

Wireless communication technology has progressed rapidly in recent years. Cell phones and other long-range communication devices have proliferated and are now commonplace among consumers. As technology advances, the cost of these devices is plummeting and even more widespread use is eminent. Mobile phones, pagers, two-way radios, smartphones, personal digital assistants (PDAs) and other communicators are all available on the market.

Smith at Para 0011

In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking

		technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[10.4]	wherein said selectively sending information to at least one device comprises selectively and wirelessly transmitting the information to the	Smith discloses “wherein said selectively sending information to at least one device comprises selectively and wirelessly transmitting the information to the at least one device using unlicensed frequencies;” See e.g.:

	at least one device using unlicensed frequencies;	[3.4], supra. Another innovation in the wireless communications arena is the advent of short-range wireless networking between portable communications devices. One standard for this technology is known as Bluetooth®, and is being established by a collaborative group of communications and computing companies. Devices incorporating Bluetooth® technology will utilize a micro-chip transceiver for communications between devices. Bluetooth® devices will transmit in the previously unused 2.4 GHz range and will have a range of about meters which may be extended to about 100 meters by increasing transmitter power. Bluetooth® technology promises to be a viable and economical networking solution for interconnection of cell phones, computers, printers, modems, computer peripherals, fax machines and other communications and computing devices. The size of the Bluetooth® transceiver makes it usable in devices as small as palm computers and cell phones. Smith at Para 0016 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization

		provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[10.5]	wherein said paying for the product by selectively sending information to at least one device comprises selectively and wirelessly transmitting information to the at least one device using unlicensed frequencies; and	Smith discloses "wherein said paying for the product by selectively sending information to at least one device comprises selectively and wirelessly transmitting information to the at least one device using unlicensed frequencies; and" See e.g.: [3.4], supra. Another innovation in the wireless communications arena is the advent of short-range wireless networking between portable communications devices. One standard for this technology is known as Bluetooth®, and is being established by a collaborative group of communications and computing companies. Devices incorporating Bluetooth® technology will utilize a micro-chip transceiver for communications between devices. Bluetooth® devices will transmit in the previously unused 2.4 GHz range and will have a range of about meters which may be extended to about 100 meters by increasing transmitter power. Bluetooth® technology promises to be a viable and economical networking solution for interconnection of cell phones, computers, printers, modems, computer peripherals, fax machines and other communications and computing

		devices. The size of the Bluetooth® transceiver makes it usable in devices as small as palm computers and cell phones. Smith at Para 0016 In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill

		in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[10.6]	wherein said paying for the product by selectively sending information to at least one device is further responsive to said selectively requesting an authorization, said receiving the authorization and said establishing the capability at the smartphone.	Smith discloses "wherein said paying for the product by selectively sending information to at least one device is further responsive to said selectively requesting an authorization, said receiving the authorization and said establishing the capability at the smartphone." See e.g.: [3.5], supra. In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of

		funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[11.1]	The smartphone of claim 10, wherein said paying for a product further comprises deducting/withdrawing an amount of money from an account.	To the extent the preamble is limiting, Smith discloses "the smartphone of claim 10, wherein said paying for a product further comprises deducting/withdrawing an amount of money from an account." See e.g.: Claim 10, supra. [4.1], supra. Authorization by authorization processor 30 also causes a request to be transmitted from processor 30 to the customer's financial institution 40 to transfer funds from the customer's account to the vendor's account 42. Smith at Para 0036 As embodiments of the present invention are to be used with credit and debit card accounts which generally require authorization before funds may be transferred, WPDs may communicate with authorization providers 30 using long range communication device 12 or 16. WPD communication device 12 or 16 may communicate with authorization long range communications device 34 using known wireless communications methods such as through the use of wireless modems. This communication may be direct between communication device 12 or 16 and 34 or may involve a wireless communications base 36 which receives and transmits wireless signals and converts them to a wired connections such as

		with a standard telephone line. Authorization communications device 34 provides access to authorization computer 32 which may authorize credit and debit transactions and execute transfers of funds to the appropriate accounts. Smith at Para 0034 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[12.1]	The smartphone of claim 11,	Smith discloses "The smartphone of claim 11," See e.g.: Claim 11, supra. Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[12.2]	wherein said selectively sending information to at least one device comprises selectively sending information to the access point maintained by the vendor at the point of purchase counter and to at least one other device that is predetermined; and	Smith discloses "wherein said selectively sending information to at least one device comprises selectively sending information to the access point maintained by the vendor at the point of purchase counter and to at least one other device that is predetermined; and" See e.g.: [5.2], supra. In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these

		embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.

[12.3]	wherein the operations further comprise selectively receiving information from the access point maintained by the vendor at the point of purchase counter and from at least one other device that is predetermined.	Smith discloses "wherein the operations further comprise selectively receiving information from the access point maintained by the vendor at the point of purchase counter and from at least one other device that is predetermined." See e.g.: [5.3], supra. In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WvDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-

		A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[13.1]	The smartphone of claim 10, wherein said using unlicensed frequencies comprises using unlicensed frequencies over a short-range link in Time Division Duplex operation.	Smith discloses "the smartphone of claim 10, wherein said using unlicensed frequencies comprises using unlicensed frequencies over a short-range link in Time Division Duplex operation." See e.g.: Claim 10, supra. [6.1], supra. Another innovation in the wireless communications arena is the advent of short-range wireless networking between portable communications devices. One standard for this technology is known as Bluetooth®, and is being established by a collaborative group of communications and computing companies. Devices incorporating Bluetooth® technology will utilize a micro-chip transceiver for communications between devices. Bluetooth® devices will transmit in the previously unused 2.4 GHz range and will have a range of about meters which may be extended to about 100 meters by increasing transmitter power. Bluetooth® technology promises to be a viable and economical networking solution for interconnection of cell phones, computers, printers, modems, computer peripherals, fax machines and other communications and computing devices. The size of the Bluetooth® transceiver makes it usable in devices as small as palm computers and cell phones. Smith at Para 0016 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as

		embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[14.1]	The smartphone of claim 8, wherein prior to said selectively requesting an authorization the operations comprise:	To the extent the preamble is limiting, Smith discloses "the smartphone of claim 8, wherein prior to said selectively requesting an authorization the operations comprise:" See e.g.: Claim 8, supra. In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038

		Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[14.2]	enabling a first function of the smartphone while disabling a second function of the smartphone responsive to sensing the parameter and responsive to determining that the parameter sensed satisfies the criterion; then	Smith discloses "enabling a first function of the smartphone while disabling a second function of the smartphone responsive to sensing the parameter and responsive to determining that the parameter sensed satisfies the criterion; then" See e.g.: [7.2], supra. Embodiments of the present invention allow for transactions with multiple vendors. A consumer with a wireless purchasing device (WPD) may enter an area in which several vendors have point-of-sale devices which can communicate with the WPD. As the consumer enters communication range with the point-of-sale devices, a menu on the WPD is updated to reflect the products available from vendors in communication range along with associated prices and related data. A consumer may select from the available products and initiate the purchase Smith at Para 0020 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.
[14.3]	selectively communicating with a device by using a communications capability of the first function,	Smith discloses "selectively communicating with a device by using a communications capability of the first function, selectively establishing the master-slave relationship with the device and selectively requesting from the device the

	selectively establishing the master-slave relationship with the device and selectively requesting from the device the authorization to establish the capability for conducting the financial transaction.	authorization to establish the capability for conducting the financial transaction." See e.g.: [7.3], supra. In reference to FIG. 3, embodiments of the present invention which accommodate multiple, simultaneous vendors are illustrated. In these embodiments WVDs and WPDs will generally utilize wireless networking technology such as Bluetooth® transceivers or others to communicate. WVD1 61, WVD2 62 and WVD3 63 are present within communication range of a single WPD 2 and communication between WVDs 61, 62 and 63 and WPD 2 is initiated upon communication contact. In a preferred embodiment WVDs 61, 62 and 63 will transmit menu options to WPD 2 to inform the consumer of available products and to identify the vendors associated with the WVDs. WVDs 61, 62 and 63 may be electronic vending machines or other vendor devices. A consumer may view the menu 60 on the WPD display 6 to see the available products and make selections with WPD input device 8. When a final selection is made by the consumer, the WPD 2 will request authorization for the purchase by contacting authorization provider 30. Authorization provider 30 may request user identification before approval. Identification may be provided through the use of a confidential PIN number or for increased security may be provided by biometric identification device 10. When identification is verified, authorization provider 30 will check account status and approve or deny the transaction according to internal rules. If approval is granted, an authorization approval is transmitted to WPD 2 and a transfer of funds request is transmitted to the consumer's financial institution 40 who will transfer appropriate amounts of funds to the accounts 71, 72 and 73of vendors who were selected in the consumers menu selection on the WPD 2. Smith at Para 0038 Furthermore, this claim element is obvious in light of Smith itself, when combined with any of the other references as charted for this claim element in Exs. 743-A01-

		A23, Ex. 743-B, and/or when combined with the knowledge of one of ordinary skill in the art. Motivations to combine may come from the knowledge of the person of ordinary skill themselves, or from the known problems and predictable solutions as embodied in these references. Further motivations to combine references and additional details may be found in the Cover Pleading and Ex. 743-B.