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(54) **SYSTEM AND METHOD FOR CAPTURING SALES TAX DEDUCTION INFORMATION FROM MONETARY CARD TRANSACTIONS**

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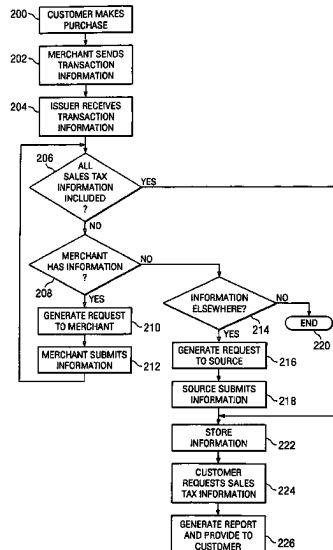
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(57) **ABSTRACT**

Systems and methods are provided for managing sales tax information. The information may be generated, for example, in connection with transactions involving financial accounts, such as a credit card account. The sales tax information may be received electronically from, for example, a merchant or a point of sale device. A determination may be made whether there is any missing sales tax information. If there is missing information a request may be generated and sent to a source having the information. The source may receive the request, retrieve the desired information, and transmit it to the requesting entity. The sales tax information may be stored and later retrieved for presentation to a user, such as the account holder. The account holder may use the information in completing a tax return.

**20 Claims, 2 Drawing Sheets**



**Related U.S. Application Data**

continuation of application No. 16/852,798, filed on Apr. 20, 2020, now Pat. No. 11,182,862, which is a continuation of application No. 16/222,397, filed on Dec. 17, 2018, now Pat. No. 10,636,101, which is a continuation of application No. 15/662,400, filed on Jul. 28, 2017, now Pat. No. 10,169,829, which is a continuation of application No. 15/236,884, filed on Aug. 15, 2016, now Pat. No. 9,747,645, which is a continuation of application No. 14/524,574, filed on Oct. 27, 2014, now Pat. No. 9,418,386, which is a continuation of application No. 13/017,948, filed on Jan. 31, 2011, now Pat. No. 8,893,958, which is a continuation of application No. 12/534,488, filed on Aug. 3, 2009, now Pat. No. 7,886,966, which is a division of application No. 11/221,229, filed on Sep. 6, 2005, now Pat. No. 7,584,884.

(58) **Field of Classification Search**

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See application file for complete search history.

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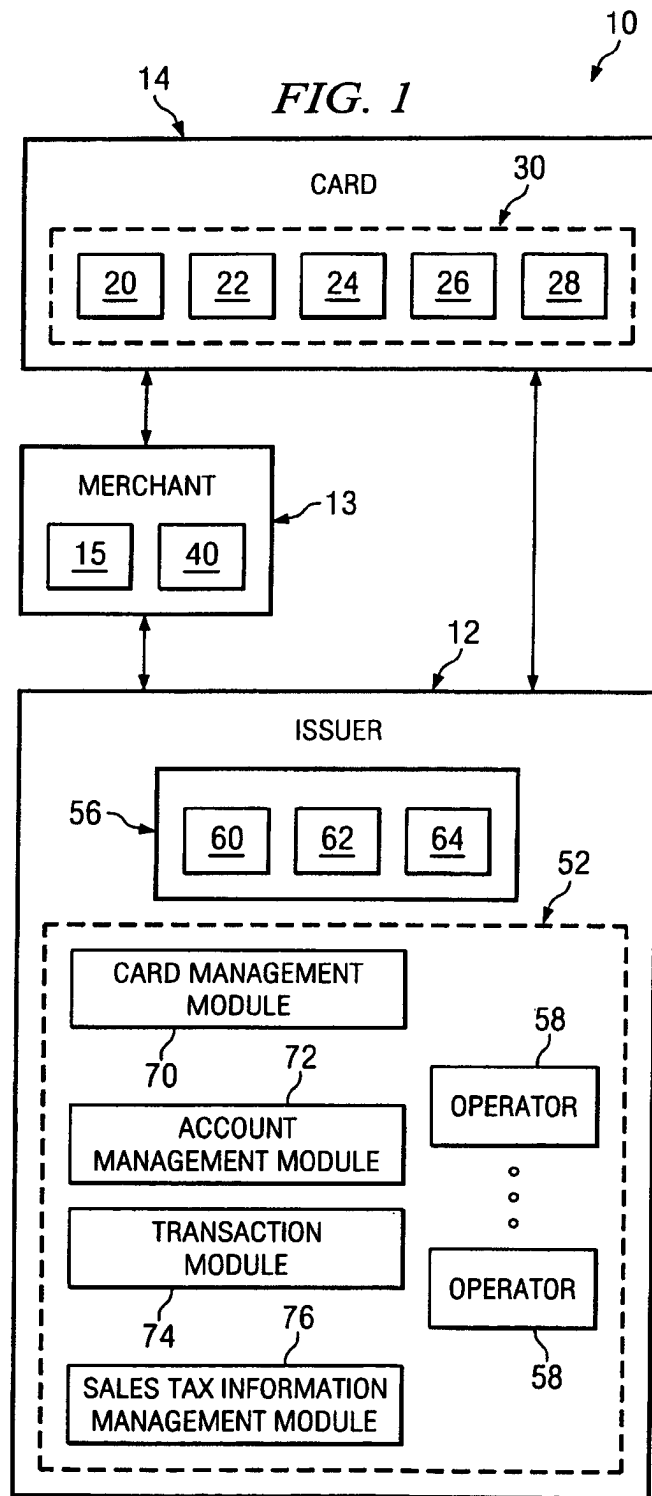
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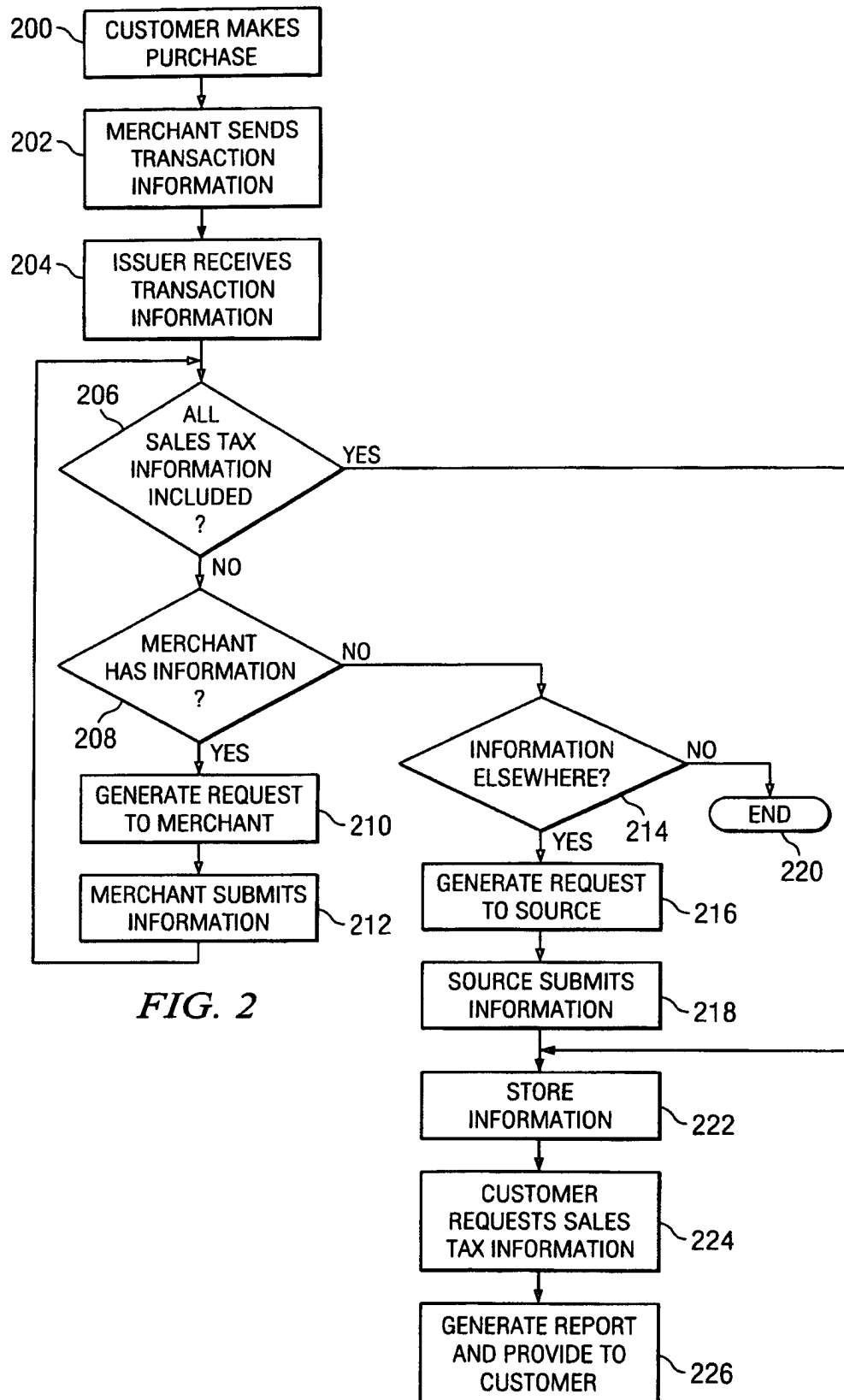
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# SYSTEM AND METHOD FOR CAPTURING SALES TAX DEDUCTION INFORMATION FROM MONETARY CARD TRANSACTIONS

## CROSS REFERENCE TO RELATED APPLICATION

The subject application is a Continuation Application, and claims priority under 35 U.S.C. § 120 to, U.S. patent application Ser. No. 17/529,368, filed Nov. 18, 2021, which is a continuation of U.S. patent application Ser. No. 16/852,798, filed Apr. 20, 2020, now U.S. Pat. No. 11,182,862, which is a Continuation Application of U.S. patent application Ser. No. 16/222,397, filed Dec. 17, 2018, now U.S. Pat. No. 10,636,101, which is a Continuation Application of U.S. application Ser. No. 15/662,400, filed Jul. 28, 2017, now U.S. Pat. No. 10,169,829, which is a Continuation Application of U.S. application Ser. No. 15/236,884, filed Aug. 15, 2016, now U.S. Pat. No. 9,747,645, which is a Continuation Application of U.S. application Ser. No. 14/524,574, filed Oct. 27, 2014, now U.S. Pat. No. 9,418,386, which is a Continuation Application of U.S. application Ser. No. 13/017,948, filed Jan. 31, 2011, now U.S. Pat. No. 8,893,958, which is a Continuation Application of U.S. application Ser. No. 12/534,488, filed Aug. 3, 2009, now U.S. Pat. No. 7,886,966, which is a Divisional of U.S. application Ser. No. 11/221,229, filed Sep. 6, 2005, now U.S. Pat. No. 7,584,884, the entire contents of which are hereby fully incorporated by reference in their entireties.

## TECHNICAL FIELD OF THE INVENTION

This invention relates in general to monetary card transactions and, more particularly, to systems and methods for capturing information from such transactions to assist in tracking and reporting data for purposes of claiming sales tax deductions.

## BACKGROUND

In certain circumstances, taxing jurisdictions may allow for a deduction of sales tax paid during the taxing period. For example, the American Jobs Creation Act of 2004 gives taxpayers the option to claim state and local sales taxes instead of state and local income taxes when they itemize deductions. Currently, this option is available for the 2004 and 2005 returns only, but may be extended. Additionally, similar laws may exist or be enacted in other jurisdictions. In connection with current federal law, tables are available to enable taxpayers to determine their sales tax deduction amount in lieu of saving their receipts throughout the year. Taxpayers use their income level and number of exemptions to find the sales tax amount for their state. The table instructions explain how to add an amount for local sales taxes if appropriate. Taxpayers also may add to the table amount any sales taxes paid in connection with certain purchases such as a motor vehicle, aircraft, boat, or home.

Taxpayers often use a monetary card to make purchases which include sales tax. An example of such a monetary card is a credit card. Credit cards are cards associated with a credit account. A credit card issuer, such as a bank or other financial institution, generally provides credit accounts to customers, or cardholders, allowing the customers to make purchases on credit rather than using cash. A customer incurs debt with each credit card purchase which may be repaid over time according to the terms and conditions of the particular customer's credit account. Credit card accounts

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provide a customer one or more lines of credit, typically including at least one revolving credit line in which the customer may choose to pay the full amount of debt owed on an account by a specified date or alternatively defer payment of all or a portion of the debt to a later date. The credit card issuer typically charges the customer interest or finance charges for such deferred payments during the period of deferral.

The credit card issuer typically establishes a credit limit for each credit account defining the maximum amount of credit available to the customer for making purchases at any given time. When a customer makes a credit card purchase, the amount of credit available to the customer, often called the available balance, is reduced by the amount of the purchase, and the amount of debt currently owed by the customer, often called the outstanding balance, is increased by the amount of the purchase.

It is common for consumers to make purchases using a card, which is linked to a financial account. The card may be any of a variety of types including debit, credit, or stored-value cards. The accounts may similarly be of a variety of types including checking, savings, or credit accounts. The card may be scanned, swiped, or otherwise processed at the location at which the purchase transaction is being conducted. This location is sometimes referred to as the Point of Sale ("POS"). A POS device, such as an electronic card reader, may be used to scan the card, thus reading electronic information stored on a magnetic strip or on a chip on, or inside, the card. The electronic card reader may be coupled, via a telecommunications system to one or more computers located at the purchase site and/or at remote sites, such as banks and card issuers. The electronic information is used by the various computers to process the transaction and electronically transfer funds from one account to another, such as from the consumer's credit account to the merchant's bank account, in order to complete the transaction.

## SUMMARY

In accordance with the present invention, systems and methods for providing and managing transactions made using a monetary card and capturing certain transaction information. The information is associated with the sales tax incurred by purchasing items using the card. The information may be stored and later retrieved to assist a consumer in preparing a tax return in which sales tax may be claimed as a deduction.

According to one embodiment, a system is provided for managing sales tax information associated with purchases made using a financial account. The system includes at least one processor, at least one database electronically coupled to the processor, and a sales tax information management module operable to receive sales tax information corresponding to at least one transaction made using the financial account. The sales tax information management module is further operable to process the information and provide the information to an entity requesting the sales tax information.

According to another example embodiment, a method is provided for managing sales tax information associated with purchases made using a financial account. One step is receiving transaction information associated with a transaction made using the financial account. The transaction information includes sales tax information. Another step is storing the sales tax information. Another step is providing the sales tax information to a user in response to a request for the sales tax information.

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Various embodiments of the present invention may benefit from numerous advantages it should be noted that one or more embodiments may benefit from some, none, or all of the advantages discussed below.

One advantage of the invention is that taxpayers can automatically track their sales tax expenditures without having to, for example, manually collect receipts. This enables taxpayers to easily determine whether, in a taxation scenario that allows for a sales tax deduction to be calculated in multiple ways, a deduction based on the actual sales tax paid in a given period will be preferable to some other method of calculating the deduction.

Another advantage is that sales tax information may be automatically collected without the need for involvement of the consumer. Sales tax information may be sent electronically from a point of sale device to a data storage device for later retrieval.

Another advantage is a reduction in errors in the calculation of a sales tax deduction. Because sales tax information is automatically collected by, for example, a computer system, errors are reduced in comparison to, for example, a manual system.

Another advantage is the potentially persistent storage of sales tax information. Electronic storage of the sales tax information on a data storage device facilitates retrieval of the information beyond the period when the information might first be needed. For instance, the information might be retrieved a first time shortly before a tax reporting time. However, the information is still electronically stored should it become necessary for future reporting times or, for example, an audit.

Another advantage is the automatic retrieval of sales tax information from a data storage device and the automatic use of the information in the preparation of an electronic tax return.

Other advantages will be readily apparent to one having ordinary skill in the art from the following figures, descriptions, and claims.

#### BRIEF DESCRIPTION OF THE DRAWINGS

For a more complete understanding of the present invention and for further features and advantages, reference is now made to the following description, taken in conjunction with the accompanying drawings, in which:

FIG. 1 illustrates an example system for providing, activating, and using a monetary card to make purchases in accordance with an embodiment of the invention; and

FIG. 2 illustrates an example method for tracking sales tax information resulting from transactions involving the use of a monetary card.

#### DETAILED DESCRIPTION

Certain embodiments of the present invention are generally directed to the tracking, storage, and management of sales tax information generated as the result of transactions involving a monetary card. The monetary card may be, for example, a credit card. The transactions may be, for example, instances in which a consumer uses the card to make purchases. The purchases may be made at a store and the card may be used by interfacing with a point of sale device. Information about the card holder's account may be stored, for example, on a magnetic stripe on the card. The card may be swiped through, inserted into, or scanned by, a card reader on the point of sale device. Information from the card may be used to access the card holder's account. Sales

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tax information resulting from the transaction may be automatically generated by the point of sale device, or by a sales device associated with the point of sale device. The sales tax information may be electronically communicated to a sales tax information management system and stored in a database as, for example, a record. The record may be stored in connection with the particular card holder's account. For example, the transaction record may include a card holder identification code. When the card holder needs the sales tax information for a given period, software operating within the sales tax information management system may be executed and operable to retrieve the sales tax information for the requestor from the database. The software may be further operable to format the information in any of a plurality of possible formats. The software may be further operable to cooperate with a tax return preparation application and automatically provide the information to the application for use in determining a sales tax deduction in a tax return.

Example embodiments of the present invention and their advantages are best understood by referring now to FIGS. 1 and 2 of the drawings, in which like numerals refer to like parts.

FIG. 1 illustrates an example system 10 for providing, activating, and using a monetary card to make purchases in accordance with an embodiment of the invention. System 10 may include an issuer 12 and a plurality of monetary cards 14 provided by issuer 12. Generally, an issuer provides cards 14 to customers that may be used to make purchases from merchants that accept the cards 14 as a form of payment for goods or services.

A card 14 may be any card having one or more memory devices 30 provided on the card 14 that can store various data, such as a monetary value 20, a customer identification code 22, a card identification code 24 an expiration date 26, and/or an account number 28 as discussed below. As used herein, the phrase "provided on card 14" with reference to memory devices 30 or other devices (e.g., a processor) describes any physical coupling of such devices to a card 14, such as the device being provided on a surface of the card 14, located at least partially within the card 14, or otherwise physically coupled to the card 14. For example, a card 14 may be any suitable monetary card such as a credit card, a stored-value card, a smart card, a gift certificate card, a store card, a payroll card, a government benefits card, a telephone calling card, or a mall card that includes memory for storing various data related to the card 14, the issuer 12, and/or the customer.

The customer identification code 22 stored on a card 14 may provide security to prevent the card 14 from being used by unauthorized persons. For example, in some embodiments, in order to make purchases using the card 14, a customer (e.g. the card holder) must provide a code matching the customer identification code 22 stored on the card, such as by verbally communicating the code to a cashier or other personnel associated with the relevant merchant 13 or by entering the code into a customer interface, such as a card interface device 40, for example. In some embodiments, the customer identification code 22 is similar to a PIN or other security code, and may be selected by the purchaser or owner of the card 14, or by the merchant 13. Each customer identification code 22 may include any number, combination and/or configuration of numbers, letters, symbols, characters, or any other data that may allow that customer identification code 22 to be identified and/or distinguished from other customer identification codes 22. The customer identification code 22 may be stored in a memory device 30 provided on the card 14, which may or may not be the same

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memory device **30** that stores the monetary value **20**, card identification code **24** and/or expiration data **26** of the card **14**.

The card identification code **24** stored on a card **14** may be used to identify the card **14** from other cards **14**. In some embodiments, each card **14** has a unique identification code **24**. Card identification code **24** may be stored in a memory device **30** on card **14**, which may or may not be the same memory device or devices **30** that store the monetary value **20**, customer identification code **22** and/or expiration date **26** on the card **14**.

The expiration date **26** stored on a card **14** may indicate a date and/or time that the card **14** may expire, may also be stored in a memory device **30** on card **14**, which may or may not be the same memory device or devices **30** that store the monetary value **20**, customer identification code **22** and/or card identification code **24** on the card **14**.

The account number **28** may identify the account associated with the card and/or the card holder. The account may be any type of financial account which may be associated with the monetary card **14**. For example, when card **14** is a credit card, the associated account may be a credit card account. The account number enables system **10** to determine which account information it needs to access to conduct transactions involving the particular card holder using card **14** to make purchases. The account number also enables system **10**, or a user of system **10**, to access information concerning the account. Such information may include any information associated with a financial account. This may include, without limitation, name, address, telephone number, social security number, credit limit information, available credit information, available funds information, billing history, payment history, identification codes, interest paid, and the like.

The monetary value **20**, customer identification code **22**, card identification code **24**, expiration date **26**, and/or account number **28** may be stored in the same memory device **30**, in separate memory devices **30** of the same type, or in separate memory devices **30** of different types. Memory device or devices **30** on a card may include any device or devices suitable to store data, such as one or more magnetic stripes, transistors, RFID devices, and/or memory chips, such as random access memories (RAMs), read-only memories (ROMs), dynamic random access memories (DRAMs), fast cycle RAMs (FCRAMs), static RAM (SRAMs), field-programmable gate arrays (FPGAs), erasable programmable read-only memories (EPROMs), electrically erasable programmable read-only memories (EEPROMs), or flash memory, for example. Other electronic devices may also be stored on cards **14**, such as a processor operable to process various data stored in memory device(s) **30**, for example.

To make a purchase using the card **14**, the cardholder presents the card **14** to a card interface device **40** provided by merchant **13**. The presentation may be accomplished by swiping the card, inserting the card, scanning the card, or keying in information on, or associated with the card.

Card interface **40** may include any device or devices for reading information from and/or writing information to cards **14**. For example, card interface **40** may be a credit card authorization interface, a smart card reader, a debit card reader, or a stored value card reader, for example. Card interface device **40** may be operable to read data from and/or write data to one or more types of memory devices **30** provided on cards **14**. Card interface device **40** may interface with such memory devices **30** provided on cards **14** via

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physical contact or otherwise, such as via radio or electromagnetic waves, for example.

Card interface device **40** may read the current monetary value **20**, customer identification code **22**, card identification code **24**, expiration data **26**, and/or account number from memory device(s) **30** on card **14**. The card holder may then provide (or attempt to provide) a code matching the customer identification code **22**, such as by speaking the code to the cashier or other personnel associated with the merchant **13** or by manually (e.g. by typing or keying) or otherwise entering the code into a customer interface, such as a card interface device **40**, for example. The merchant **13** may then compare the customer identification code **22** read from the card **14** with the code provided by the cardholder. This comparison may be performed or at least facilitated by any suitable computerized system, such as card interface device **40** or any other computer system associated with or available to merchant **13**. Alternatively, the cashier or other personnel associated with the merchant **13** may manually compare the customer identification code **22** read from the card **14** with the code provided by the cardholder. If the customer has provided the correct code, and if the current monetary value **20** read from the card **14** is sufficient for the purchase, merchant **13** may execute the purchase by reducing the current monetary value **20** stored in the memory of card **14** by the amount of the purchase.

Card interface device **40** may be part of, or otherwise electronically coupled, to a sales device **15**. Sales device **15** may be any point of sale device such as an electronic cash register or a computer. While sales device **15** and card reader **40** are shown as separate device, they may be combined into a single device.

Preferably, card reader **40** and/or sales device **15** are electronically connected to a communications network **41**, which is in turn connected to issuer **12**. Issuer **12** may be, for example, a financial institution or any other entity which manages accounts associated with card **14**. Issuer **12** may be a bank or a credit card issuer, for example.

Merchant **13** may include any entity suitable for accepting payment from cards **14** in exchange for various products or services. A merchant **13** may include a single entity (such as, for example, an individual store) or a number of entities (such as, for example, a chain of stores). A merchant **13** may include a seller or distributor that sells items produced by one or more otherwise unaffiliated producers. In addition or as an alternative, a merchant **13** may include a producer that sells one or more items it produces directly to customers using cards **14**, bypassing distributors. Merchant **13** may include one or more outlets at one or more physical locations and may, in addition or as an alternative, include one or more call centers where phone orders are received from customers using cards **14**, one or more websites or other virtual locations where electronic orders are received from customers using cards **14**, and/or one or more warehouses (which may be owned by merchant **13** or owned by one or more entities separate from merchant **13** for which merchant **13** sells items to cardholders) where orders received from customers using cards **14** are filled. Although merchants **13** are described as selling items to customers using cards **14**, the present invention, as described above, contemplates any suitable transactions between merchants **13** and customers using cards **14**. As an example, a merchant **13** may rent one or more items to customers using cards **14**. As another example, a merchant **13** may include an entity which provides services in exchange for payment from a customer using a card **14**, such as a barber or auto mechanic, for example.

Issuer **12** may include a data management system **56** that provides various functionalities with respect to cards **14** and their associated accounts. Issuer **12** may further include a plurality of function modules **52** and one or more operator terminals **58**. The components of issuer **12** may be located at one or more sites and may be coupled to each other using one or more links, each of which may include, for example, some or all of a computer bus, local area networks (LANs), metropolitan area networks (MANs), wide area networks (WANs), portions of the Internet, a public switched telephone network (PSTN), any other appropriate wireline, optical, wireless, or other suitable communication link, or any combination of the preceding.

An operator terminal **58** may provide an operator, manager, other employee, or other individual associated with issuer **12** with access to data management system **56** and function modules **52** to obtain information from, exchange information with, manage, configure, or otherwise interact with customer accounts. Operator terminal **58** may include a computer system. As used in this document, the term “computer” refers to any suitable device operable to accept input, process the input according to predefined rules, and produce output, for example, a personal computer, workstation, network computer, wireless data port, wireless telephone, personal digital assistant, one or more processors within these or other devices, or any other suitable processing device. Although shown as a separate component, operator terminal **58** may include or be partially or completely integrated with the other components of issuer **12**.

Data management system **56** may manage data associated with cards **14** and their associated accounts, which may, in particular embodiments, include creating, modifying, and deleting data files associated with cards **14**. Additionally, data management system **56** may call one or more function modules **52** to provide particular functionality according to particular needs, as described more fully below. Data management system **56** may include a data processing unit **60**, a memory unit **62**, a network interface **64**, and any other suitable components for managing data associated with cards **14**. The components of data management system **56** may be supported by one or more computer systems at one or more sites. One or more components of data management system **56** may be separate from other components of data management system **56** and one or more suitable components of data management system **56** may, where appropriate, be incorporated into one or more other suitable components of data management system **56**. Further, data management system may be integrated with any of the other components of issuer **12**.

Processing **60** may process data associated with cards **14** and their associated accounts, which may include executing software or coded instructions that may in particular embodiments be associated with the one or more function modules **52**. Memory **62** may be coupled to processor **60** and may include one or more suitable memory devices, such as one or more random access memories (RAMs), read-only memories (ROMs), dynamic random access memories (DRAMs), fast cycle RAMs (FCRAMs), static RAM (SRAMs), field-programmable gate arrays (FPGAs), erasable programmable read-only memories (EPROMs), electrically erasable programmable read-only memories (EEPROMs), microcontrollers, or microprocessors.

A function module **52** may provide particular functionality associated with handling cards **14**, such as, for example, generating cards **14**, selling cards **14** to customers, setting up cards **14**, activating cards **14** for use, enabling transactions using cards **14**, providing security, managing the monetary

values **20** stored on certain monetary cards (such as stored-value cards) and/or deactivating cards **14**, for example. A function module **52** may be called by data management system **56** to perform the particular functionality associated with the function module **52**.

According to the embodiment shown in FIG. 1, function modules **52** may include a card management module **70**, account management module **72**, transaction module **74**, and sales tax information management module **76**. Like data management system **56**, function modules **52** may be physically distributed such that each function module **52** or multiple instances of each function module **52** may be located in a different physical location geographically remote from each other, from data management system **56**, or both. In addition, each function module **52** may be partially or completely integrated with other function modules **52** and/or with other components of issuer **12**. For example, particular function modules **52** may include one or more operator terminals **58** such that at least a portion of the functionality of such function modules **52** is provided by human operators. Thus, it should be understood that the functionality provided by each function module **52** may be completely automated, partially automated, or completely human-controlled.

Card management module **70** may provide functionality associated with providing cards **14** to customers. For example, module **70** may perform functionality associated with advertising, mailings, card manufacture, card setup, card vending, etc. This module may be operable, for example, to write, or store, various data in memory device(s) on a card **14**, including one or more of initial monetary value **20**, customer identification code **22**, card identification code **24**, expiration date **26**, and account number **28** for the card **14**. Some or all of such data may be stored on a card **14** before the card is provided to a customer, or during activation of, or purchase of, the card. Module **70** may also provide card activation functionality. The card holder or an operator, or other suitable entity, may interface with module **70** to activate cards **14**.

Account management module **72** may perform any functionality associated with the management of account information. For example, module **72** may enable the storage of account information in memory **62**. Account information may include any information applicable to a particular account. Such information may include, without limitation, names, addresses, social security numbers, codes, balances, available credit, payment information, transaction histories, billing information, birthdates, passwords, account types, etc. Module **72** may be accessed any time an event occurs, which affects an account. For example, a purchase by a consumer using a credit card would change the available credit information in the account records associated with the credit card account.

Transaction module **74** may be generally operable to manage transactions (or attempted transactions) made using a card **14**. For example, transaction module may be operable to receive information concerning a transaction from a point of sale device or other sales device, which generates sales or other transaction information. In at least one example embodiment, sales information is generated by a card reading device. The sales information is transmitted to the issuer **12** via a communications network and may be processed using module **74**. Transaction information can include any information related to any transaction. Transactions may include the sale or purchase of goods or service. Transaction information may include, without limitation, merchant identification information, transaction amount, purchased item



information, date, time, purchaser identity information, sales tax information, location information, customer and card codes, account numbers, etc.

Sales tax information management module **76** may manage, or be used to process, any information associated with sales tax. Such information may include, for example, purchase type information, location information, purchase amount information, sales tax amount and/or percentage information, date and time information, merchant identity information, purchaser identity information, etc. Preferably, module **76** is used to receive, process, store, and generate sales tax information. Module **76** may receive sales tax information, for example, in the transmission of data from a merchant to the issuer. Module **76** may process sales tax information, for example, by changing the format and/or data structure of the received sales tax information. Module **76** may store sales tax information, for example, by storing associated data in memory **62**. Such data may be stored according to any suitable data storage method. However, in at least one embodiment, sales tax data is stored in records having fields. Module **76** may generate sales tax information, for example, by retrieving sales tax data from memory **62**. Preferably, such data is accessible to operators within issuer **12**. In certain embodiments, the data is also accessible directly by customers. Alternatively, the data may be accessible indirectly by customers after the data has been retrieved, processed, and converted into a medium or display format which is accessible by the customer. For example, in certain embodiments, the customer may be provided with a report containing the sales tax information in a predetermined format, or in a format selected by the customer. In another alternative, the customer may view the information through the use of web interface. In other situations, the customer may receive the information audibly from a human or by way of a voice activated and/or menu driven phone system or call center system.

Module **76** may also be employed to generate requests for sales tax information. For example, if the received information is missing a certain type of data, module **76** may recognize the absence of such data and generate a request for the data. The request may be sent to any suitable source from which the information may be obtained. In one embodiment, the request is sent to a customer. In another embodiment, the request is sent to merchant (e.g., electronically communicated from issuer **12** to merchant **13** or to an electronic component within merchant **13**). In another embodiment the request is sent to another database. For example, depending on the type of information being sought, the request may be sent to a database storing that particular type of information. The request may include various parameters, which may be portions of the sales tax information data, for example. In one example, if the sales tax amount is missing, but the transaction location and purchase amount are known, module **76** may generate a request to a sales tax rate lookup table stored in a database. Based on the location information, module **76** may retrieve the applicable tax rate. Based on the purchase amount, module **76** may calculate the tax amount. This information may then be stored, or later retrieved, as previously described.

FIG. 2 illustrates an example method for managing sales tax information associated with purchase made using a monetary card. At step **200** a customer makes a purchase. In at least one embodiment the purchase is made using a monetary card (such as a credit card) at a point of sale device. However, the other types of purchases may be incorporated into the method. For example, even purchases made without monetary cards may be made. For example, it

is possible, in certain circumstances, to make a purchase without a card if a customer provides a suitable code linked to a financial account. Any such transaction may be utilized as long as transaction data may be captured. Also, although the term “customer” is used, any entity conducting a transaction that generates transaction data may fall within the scope and spirit of at least certain embodiments of the invention.

At step **202**, the merchant sends transaction information. This information may be sent by any suitable method. In one embodiment, the transaction data is sent electronically from a point of sale device. However, the data may be sent via any method including, for example, orally over a telephone. In one embodiment, the information is sent directly to a card issuer. In other embodiments, the information is sent indirectly to the card issuer and may pass through a number of other entities (e.g., financial institutions) prior to reaching the issuer. In still other embodiments, the information may be sent to an entity distinct from the issuer for processing and storage in accordance with the above description provided in connection with FIG. 1. The information may be transmitted through any suitable communications network and in any suitable format and/or protocol. Although the term “merchant” is used, it is envisioned that other entities might send the transaction information.

At step **204**, the transaction information is received. In at least one embodiment, the information is received by a card issuer. As already discussed, however, other scenarios may exist. The issuer receives the information, for example, through a network interface. Preferably, the issuer executes one or more applications, using software (for example) to process the information. Processing may include changing the format of the information. Processing preferably includes at least analyzing the information to determine whether it includes one or more pieces of sales tax information.

At step **206**, a determination is made whether the transaction information includes one or more pieces of sales tax information. This may be accomplished, for instance, by one or more processors. The sales tax information being sought may include one or more of a plurality of parameters such as, for example, purchaser name, purchase type, purchase amount, location, date and time information, merchant identity information, codes, sales tax amount, sales tax rate, and any other information already discussed herein or which may be associated with a financial transaction. If the determination is made that all of the desired sales tax information is included in the transaction information, the method proceeds to step **222** where the transaction information is stored. If, however, the determination is made that all of the desired sales tax information is not included, then, in step **208**, another determination is made.

In step **208**, a determination is made whether the missing sales tax information is information that may be available from the merchant. If so, in step **210** a request is generated and sent to the merchant requesting the missing information. The request may be sent according to any of the techniques already discussed. At step **212**, the merchant receives the request, generates the required information, and transmits the information to the issuer. If, at step **208**, the determination is made that the missing sales tax information will not be available from the merchant, then, at step **214**, another determination is made.

At step **214**, a determination is made whether missing sales tax information is available from another source (other than the merchant). Other sources may include, without limitation, another entity, such as a customer, or a database.

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If the determination is made that the information will not be available from any other source, then the search for missing information is ended at step 220 and the method continues at step 222 with whatever information is available. If the determination is made that the information is available from another source, then, at step 216, a request is generated and transmitted to the other source. At step 218, the other source receives the request, generates and/or retrieves the information, and transmits the information to the issuer. In certain embodiments, requests for missing information may be sent to any or all potential sources without first determining whether the information will be available. In such situations, the sources (e.g., merchant or database) will simply provide the information if it is available.

The missing information obtained from the merchant or other sources may be any portion of the transaction information. As an example, sales tax information, such as the sales tax amount, may be missing. The determination may be made that the merchant will not have this information. Thus, the method dictates that a request be generated and transmitted to a database having tax rates for various jurisdictions. The request may include information necessary to prompt the source to return the desired information. For example, a request for a tax rate might include location information. This might be used, for example, by an application to determine what tax rate to retrieve from the database. Once the tax rate is retrieved, then the purchase amount and tax rate may be used to calculate the amount of sales tax. Thus, in generating requests for missing information, collateral sales tax information may be used. This already-available information may also be used to process the retrieved missing information to calculate additional missing information.

At step 222, the transaction information is stored. The information may be stored in any suitable memory device, or manually. The information may be stored according to any acceptable data storage format or protocol. For example, the information may be stored electronically in one or more databases in electronic records having fields corresponding to the various pieces of information. Also, the information may first be processed to determine which pieces of information will be stored and in what form. For instance, the transaction information may include sales tax information to be stored in one location by one module or application, and other information to be stored in a different location.

At step 224, a customer requests sales tax information from the issuer. Although the information is being requested from the issuer, the request may be made of any entity that has control of or access to, the information. For example, the request may be made to a third party that in turn accesses the information from the issuer or whatever entity has the information. Also, while a "customer" is referred to as making the request, the request may be made by other entities or by, for example, software applications. For instance, a request may be generated by a tax preparation application that interfaces with the issuer to request and retrieve the sales tax information.

At step 226, a report is generated and provided to the customer (or another entity or application making the request in step 224). The report may be provided in any suitable format. Report formats may include a plurality of parameters that are predetermined. Alternatively, the customer may select among various parameters to customize the report format. Reports may be provided electronically, on an electronic medium, in hard-copy form, orally, through

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computer-generated voices or other signals, through the use of a graphic user interface, online, on a web site, or by any other suitable method.

According to one embodiment, one or more suitable issuer components interface with a tax preparation application to provide the sales tax information to the application for use in preparing a tax return. The tax preparation application may be executed remotely from the issuer, or may be incorporated into the issuer system. According to an aspect of this configuration, the sales tax information is automatically generated and/or retrieved and automatically downloaded into the appropriate memory or record fields of the tax preparation application. According to an alternative, the sales tax information may be transmitted to other entities, such as an accountant, or the taxing authority.

Modifications, additions, or omissions may be made to the method without departing from the scope of the invention. Additionally, steps may be performed in any suitable order without departing from the scope of the invention.

Although an embodiment of the invention and its advantages are described in detail, a person skilled in the art could make various alterations, additions, and omissions without departing from the spirit and scope of the present invention as defined by the appended claims.

What is claimed is:

1. A system for managing transaction information associated with a financial account, the system comprising:

one or more processors;

memory in communication with the one or more processors and storing instructions that are configured to cause the system to:

receive transaction information associated with a transaction;

compare the transaction information with a predetermined set of required information to determine whether tax information is included in the transaction information;

when the tax information is not included in the transaction information:

transmit a request for the tax information to a transaction database;

receive the requested tax information from the transaction database; and

generate or populate a tax report of a predetermined format that includes the tax information and the transaction information.

2. The system of claim 1, wherein the processor is further configured to receive transaction card data associated with a financial account for the transaction and the processor is further configured to receive transaction information from at least one source selected from a customer device and a third-party database.

3. The system of claim 2, wherein the processor is further configured to:

process the transaction using the transaction information and the tax information.

4. The system of claim 2, wherein the processor receives the transaction card data from a transaction card interface device.

5. The system of claim 1, wherein the request for the tax information is transmitted to a transaction database via a network in response to a determination by the processor that the transaction database has the tax information.

6. The system of claim 4, wherein the transaction card interface device is configured to read the transaction card data via at least one of: a contact connection, a radio wave connection, and an electromagnetic wave connection.

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7. The system of claim 2, wherein the transaction card data comprises at least one of: a current monetary value, a customer identification code, a card identification code, an expiration date, and an account number.

8. The system of claim 4, wherein the transaction card interface device comprises a device selected from the group consisting of a credit card authorization interface, a smart card reader, a debit card reader, and a stored value card reader.

9. The system of claim 1, wherein:  
when the tax information is included in the transaction information:

store the transaction information in the memory; and

when the tax information is not included in the transaction information:

store the transaction information and tax information in the memory.

10. The system of claim 1, wherein the tax report is transmitted electronically via a graphical user interface to a customer device for display.

11. The system of claim 1, wherein the processor is further configured to transmit the tax information to a member selected from an accountant and a taxing authority.

12. A method comprising:

receiving a first request for applicable tax information, the

applicable tax information associated with transaction information associated with a transaction;

determining whether the transaction information includes tax information;

responsive to determining that the tax information is not included in the transaction information:

identifying the applicable tax information associated with the transaction in a database;

transmitting a second request for the applicable tax information to the database; and

transmitting the applicable tax information associated with the transaction to be used to generate or populate a tax report in a predetermined format using the applicable tax information.

13. The method of claim 12, further comprising:

receiving transaction information associated with the transaction; and

generating or populating the tax report in the predetermined format with the calculated tax amount and the transaction information, and

wherein identifying the applicable tax information further comprises:

determining geographic location information for the transaction;

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determining, based on the geographic location information, the applicable tax information to be received from the database;

receiving the applicable tax information from the database; and

calculating a tax amount based on the received applicable tax information and the transaction information.

14. The method of claim 13, further comprising processing the transaction using at least a portion the tax amount of the transaction information.

15. The method of claim 13, wherein the tax report is transmitted electronically via a graphical user interface to a customer device for display.

16. The method of claim 12, further comprising transmitting the tax information to a member selected from an accountant and a taxing authority.

17. A method for managing transaction information associated with a financial account, the method comprising:

receiving transaction information associated with a transaction;

comparing the transaction information with a predetermined set of required information to determine whether tax information is included in the transaction information;

when the tax information is not included in the transaction information:

transmitting a request for tax information related to the transaction to a transaction database;

receiving the tax information from the transaction database; and

generating or populating a tax report of a predetermined format with the tax information and the transaction information.

18. The method of claim 17, further comprising:

processing the transaction using the transaction information and the tax information.

19. The method of claim 17, wherein the request for the tax information is transmitted to the transaction database associated with the transaction in response to a determination that the tax information is missing from the transaction information.

20. The method of claim 17, further comprising:

transmitting the updated report to a customer device for display via a graphical user interface; and

transmitting the tax information to a member selected from an accountant and a taxing authority.

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