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(54) **AUTOMATED DEBT PAYMENT SYSTEM AND METHOD USING ATM NETWORK**

(57) **ABSTRACT**

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An electronic funds transfer methodology for providing access to a plurality of non-bank loan payment processors (loan servicers) through established ATM (automated teller machine) networks, thereby creating a payment system designed to allow a consumer to initiate an electronic transfer of funds from a primary bank transaction account (e.g., checking account, savings account) to a loan servicer to satisfy an outstanding consumer debt or payment obligation. Automated payment of consumer debt obligations through use of an ATM network is facilitated by a processor and associated software, which are employed to combine specific consumer loan payment data with specific depository transaction account information through an electronic ATM network for the purpose of affecting a more efficient loan payment/servicing process. Information relevant to the loan payment is electronically communicated from the loan servicer through software designed to access the servicer's loan database, extract specific fields from designated records, and communicate this information to a third party central computer. The third party central computer reformats the data as necessary, aggregates this information with any similar information received from other loan or debt servicers, and transmits the aggregated information to one or more ATM transaction processors.

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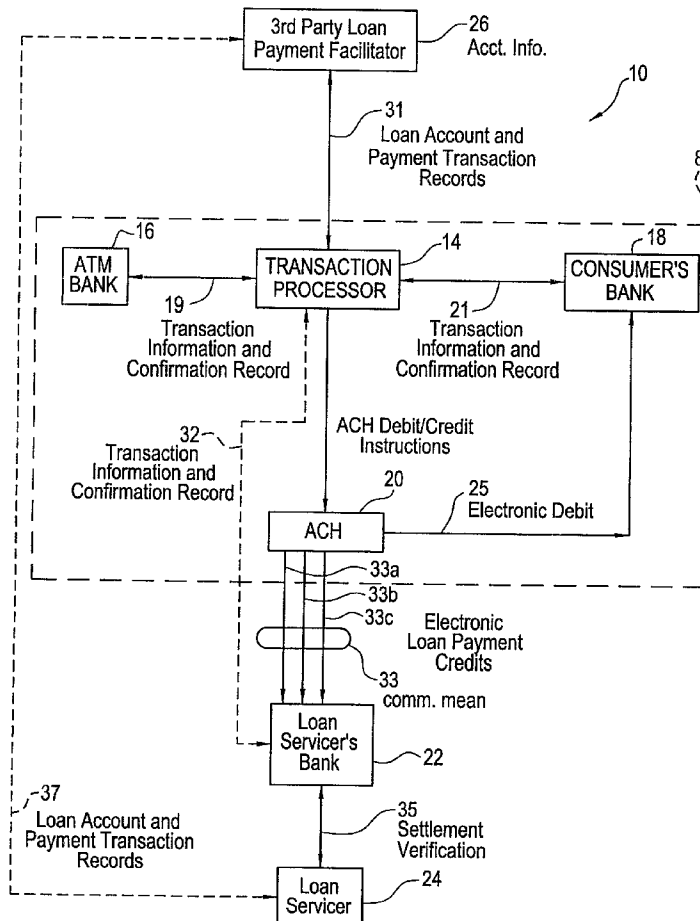


FIG. 1
PRIOR ART

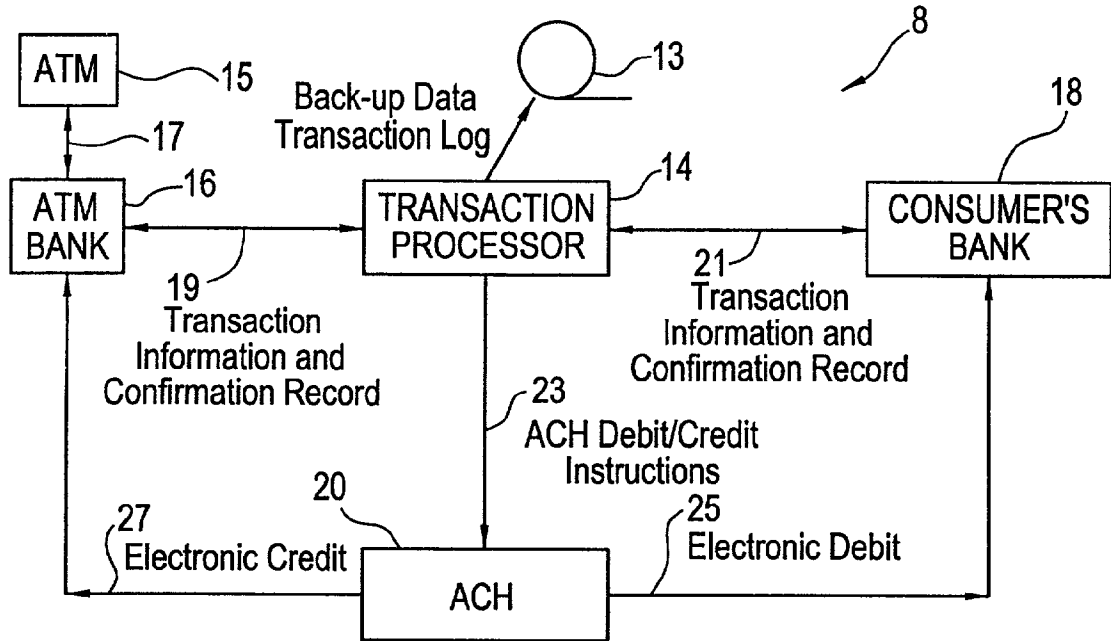


FIG. 2

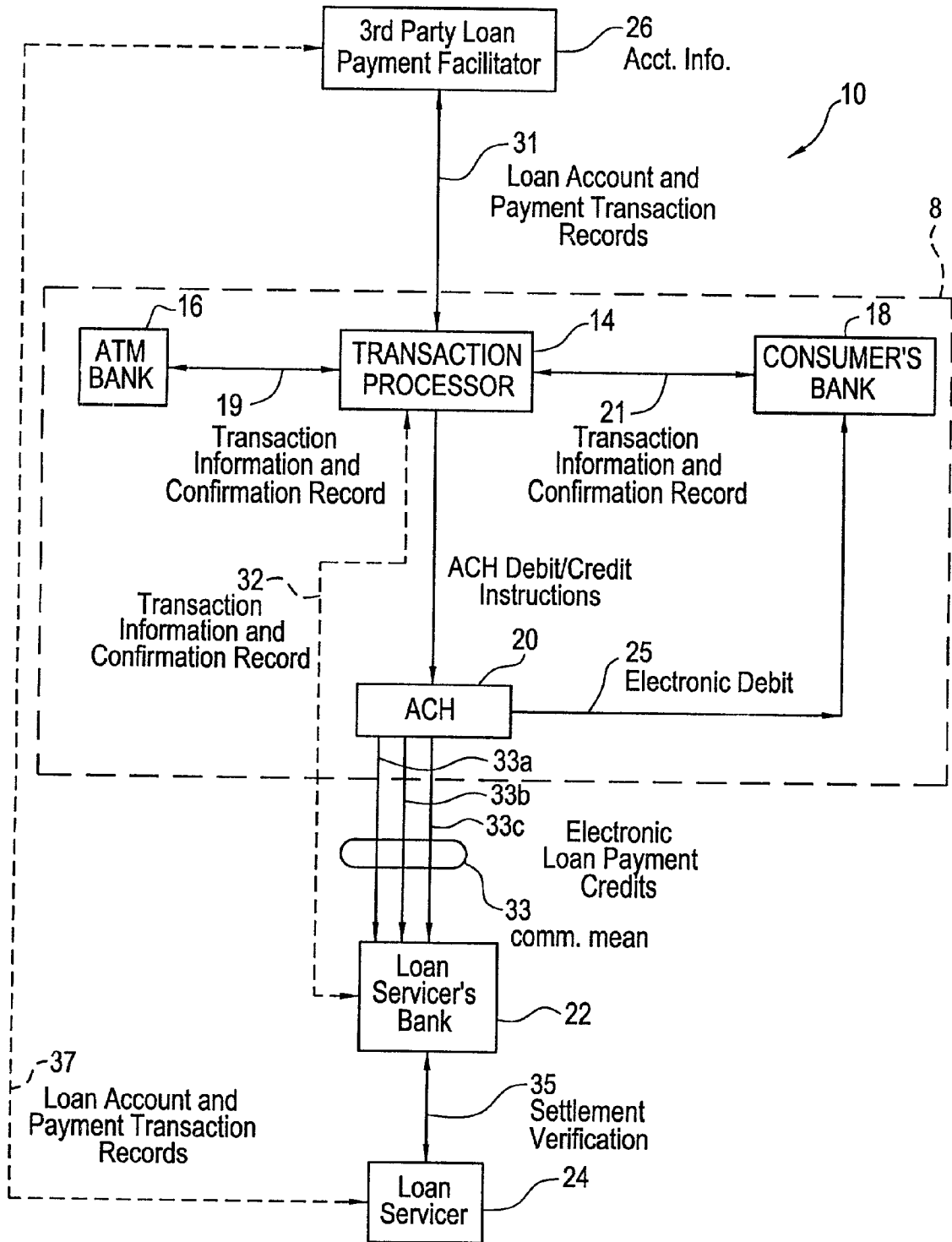


FIG. 3

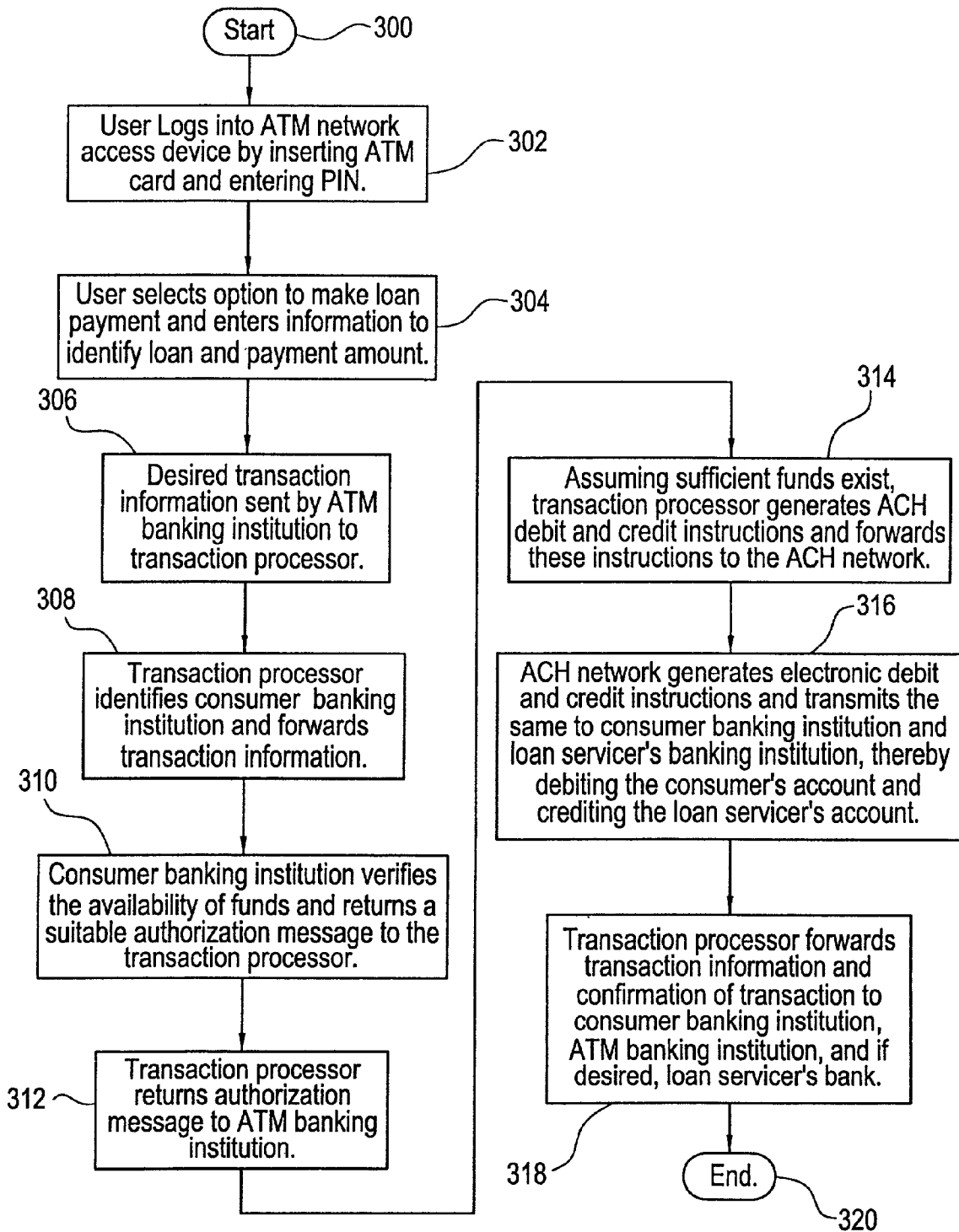


FIG. 4

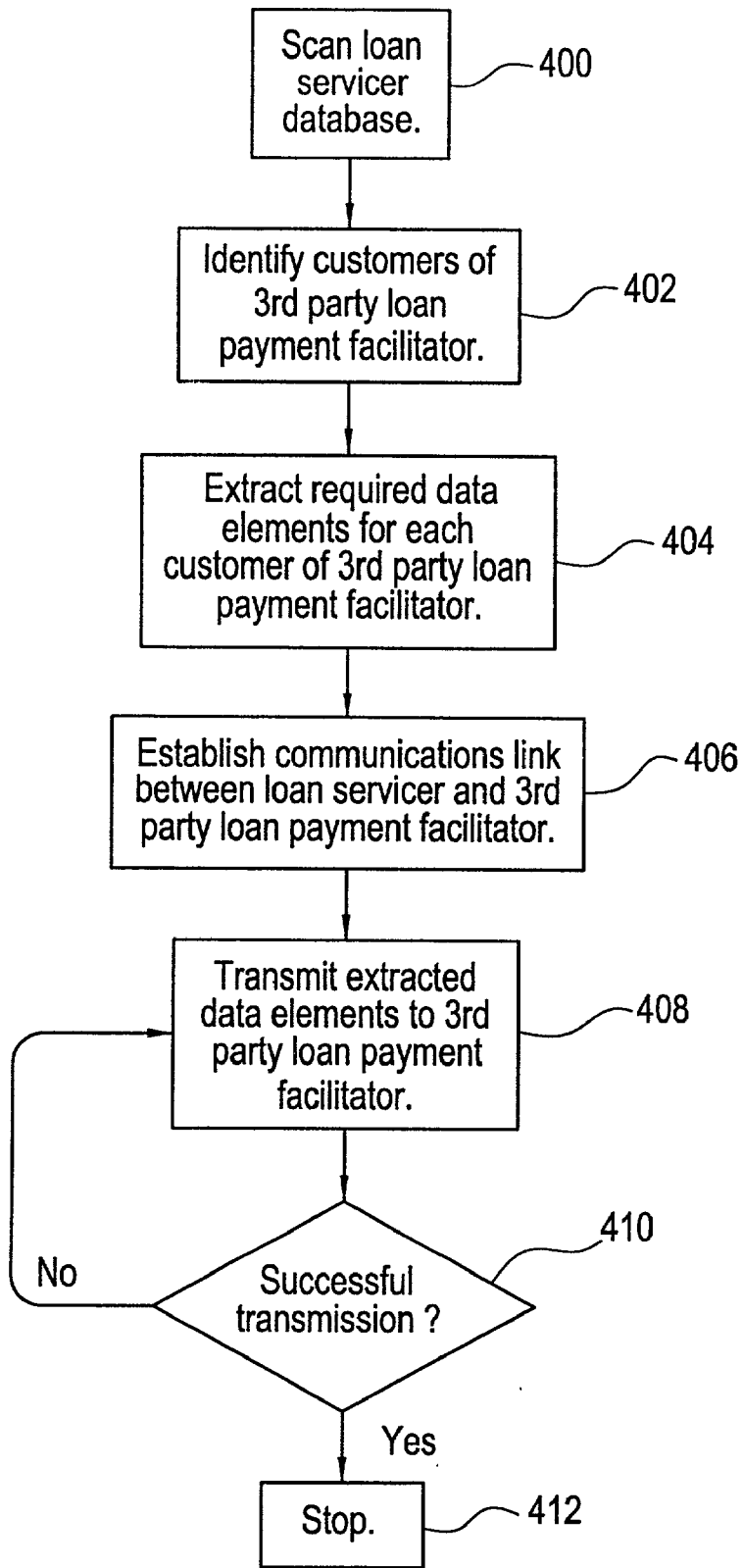


FIG. 5

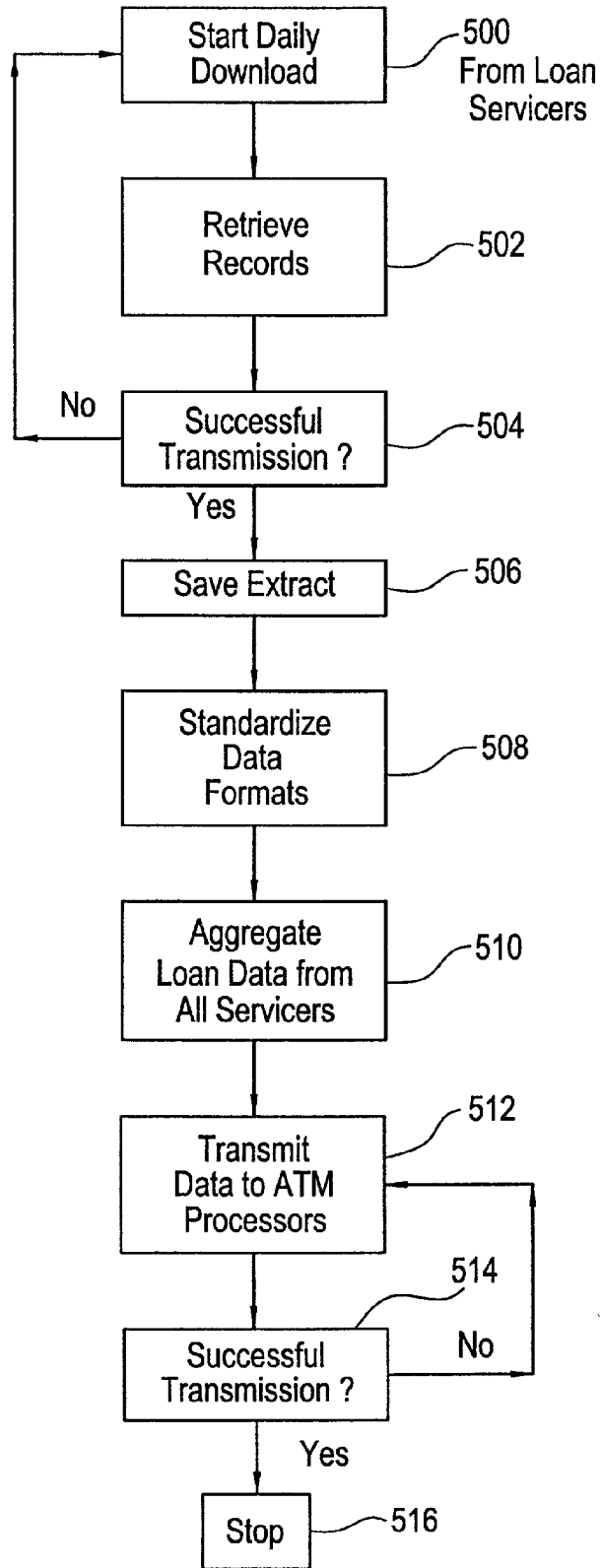


FIG. 6

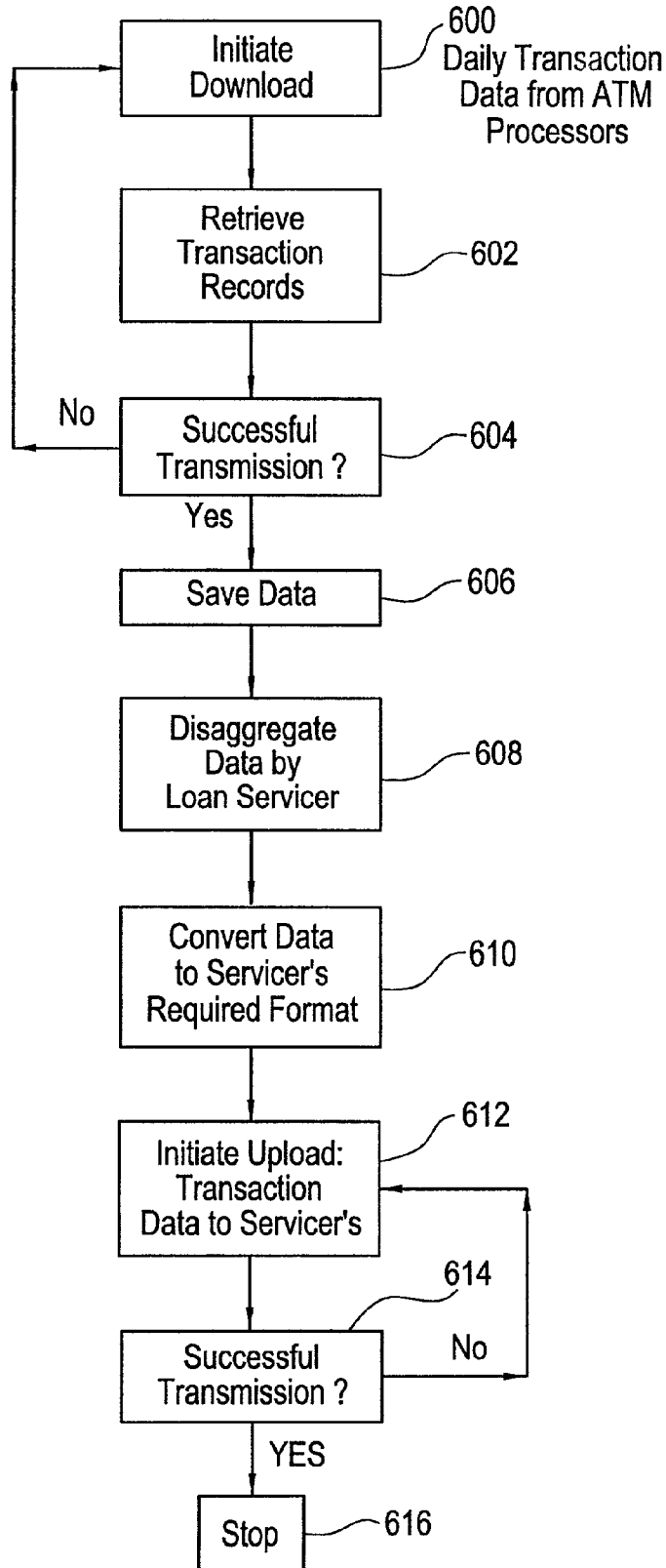
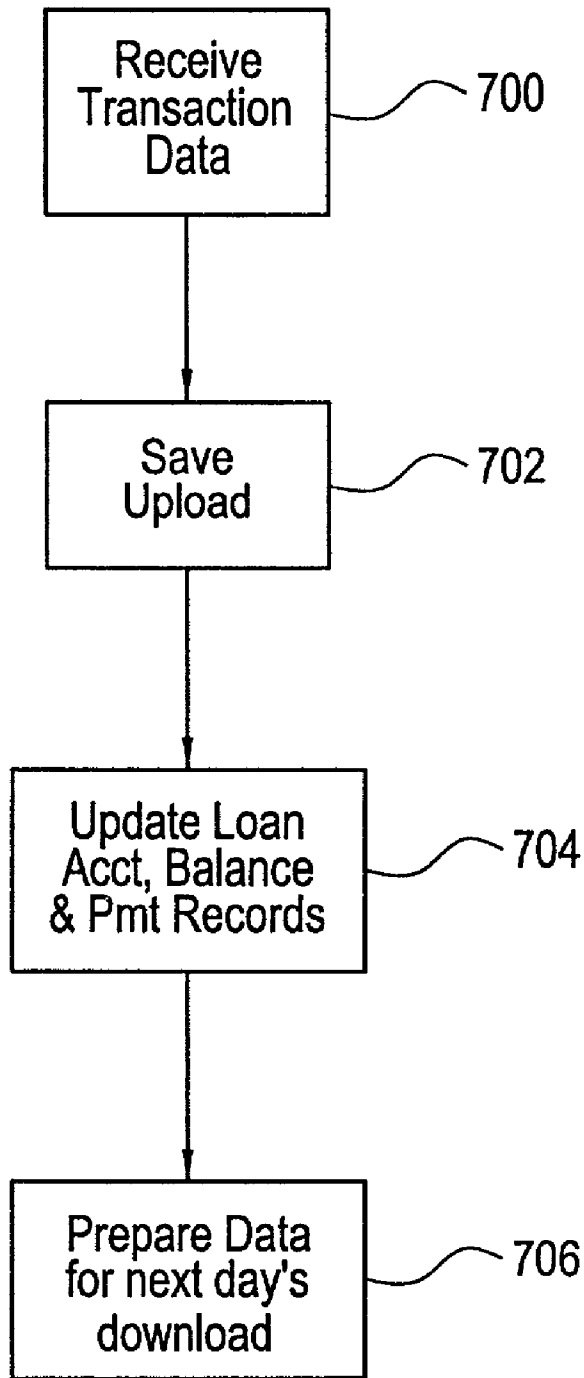


FIG. 7



AUTOMATED DEBT PAYMENT SYSTEM AND METHOD USING ATM NETWORK

RELATED APPLICATION DATA

[0001] This application is a continuation of application Ser. No. 08/943,284 filed on Oct. 3, 1997, the disclosure of which is incorporated herein by reference.

BACKGROUND OF THE PRESENT INVENTION

[0002] Numerous processes and devices exist for facilitating electronic payments. Today, virtually all domestic banking institutions offer customers the ability to conduct a limited number of electronic transactions either from an automated teller machine (ATM) located on-site at the institution, or from a remote ATM serving the institution. The remote services are made possible in part through the development of communications systems that provide for the interconnection of many clearing house or regional, national, or international electronic funds transfer (EFT) networks. These networks are specialized digital packet networks that communicate with various ATM transaction processors and service providers using standard message protocols developed by ANSI and others. A more-or-less standard, generic ATM interface has developed in the banking industry, making it relatively easy for a consumer to use any ATM on any ATM network once he has learned how to interact with this more-or-less standard interface. Of course, ATMs produced by different manufacturers may differ in key placement, number of keys, key legends, screen size, etc. However, there has been a trend toward standardization of these features so as to minimize user discomfort with using a "foreign bank" ATM.

[0003] FIG. 1 illustrates a block diagram of an existing prior art system used to process a typical ATM transaction, such as a cash withdrawal or balance inquiry, shown generally at 8. As seen in FIG. 1, the ATM transaction system includes an ATM transaction processor 14, an ATM network access device (such as an ATM terminal) 15, an ATM banking institution 16, a consumer banking institution 18 (where the ATM banking institution 16 and the consumer banking institution 18 can be one and the same), and an automated clearing house (ACH) network 20. ATM network access device 15 is connected to ATM banking institution 16 through a suitable communications path 17. ATM transaction processor 14 is connected with a host computer at ATM banking institution 16 through communications path 19, with a host computer at consumer banking institution 18 through communications path 21 and with ACH network 20 through communications path 23. As is known to those of skill in the art, appropriate information is exchanged between ATM transaction processor 14, ATM banking institution 16, consumer banking institution 18, and ACH network 20 to effect an ATM transaction.

[0004] ATM network access device 15 may be physically co-located with the ATM banking institution 16, or may be remotely located with respect thereto. In operation, ATM network access device 15 serves as an interface between a user and the ATM network to receive input from the user and to provide necessary output (and funds, when necessary) to the user. ATM network access device 15 retrieves user information from an ATM card inserted by a user to initiate

an ATM transaction, and receives appropriate associated PIN information and transaction information from the user. This information is passed through communication path 17 to the ATM banking institution 16. As necessary, information is then transferred through communications path 19 to ATM transaction processor 14. ATM transaction processor 14 identifies the consumer banking institution 18 from the information retrieved from the user's ATM card, and passes the necessary transaction information entered by the user to the appropriate consumer banking institution 18 through communications path 21.

[0005] Consumer banking institution 18 verifies the user's account data and verifies that the user has sufficient funds available for the requested transaction. Consumer banking institution 18 then forwards an authorization message (either a deny transaction request message or a proceed with transaction message, for example) to the ATM transaction processor 14 through communications path 21. ATM transaction processor 14 then forwards the authorization message back to the ATM banking institution 16 through communications path 19. These messages serve to confirm that the transaction is to proceed or be prohibited. Upon receipt of the authorization message, the ATM banking institution 16 forwards the authorization to the ATM network access device 15 using communications path 17. Based on the authorization received, the ATM network access device 15 provides suitable information and funds, if requested, to the user. The user then has the option of terminating the session, or initiating another transaction, which would proceed in a similar fashion.

[0006] Once the consumer has terminated the ATM banking session, the ATM transaction processor 14 forwards a confirmation record of the completed transaction to the ATM banking institution 16 using communications path 19, and forwards an identical confirmation record to the consumer's banking institution 18 using communications path 21. ATM transaction processor 14 also forwards a record of the transaction and information to facilitate the appropriate debiting and crediting of the necessary accounts to a designated ACH network 20 through communications path 23. ACH network 20 then operates to debit (where the user has requested a withdrawal of funds, for example) the user's account at the consumer banking institution 18 using communications path 25, and to issue a credit to the ATM banking institution 16 using communications path 27. Finally, ATM transaction processor 14 creates a record of the transaction and writes that record to a back-up data and transactions log 13 for any future reference, if necessary.

[0007] Most ATMs, however, do not currently permit customers to pay bills, make debt payments or conduct other complex financial transactions, but instead typically limit the user to withdrawals, account inquiries, account transfers, and, if the ATM the user accesses is that of his own bank, deposits. There are some circumstances where ATMs have been used to conduct transactions, such as bill payment transactions, in addition to those described above. However, in the case of bill payment transactions, the consumer is usually limited to making bill payments only to certain entities specified in advance by the bank, and is required to complete a somewhat onerous registration process for establishing ATM-based bill payment authority or privileges. Other ATM terminals have been modified to accept almost any bill payment from consumers. In such instances, the

ATM functions more like a mail box: the consumer initiates a bill payment, keys in the amount to be paid, and places the payment coupon and the payment amount, either as cash or a check, into an envelope and "deposits" the bill payment into the ATM. In both of the scenarios described above, the bank assumes the role of a payment processor, separating and forwarding consumer bill payments by vendor. Neither payment methodology involves an electronic funds transfer, and neither the bank nor the vendor realizes any noticeable improvement in processing efficiency.

[0008] While personal banking and home banking initiatives have become more prolific in the past several years, the costs associated with such efforts, both for the bank and the consumer, have proven prohibitive. Service providers incur very high communications costs in linking their central processors with personal computer (PC) users, banks, and payees (merchants). Many payees also do not accept electronic payments (for lack of substantial volume), forcing service providers to make costly paper-based payments. Settlement processing can be costly, as banks must install special purpose software and operating procedures. These and other costs have been passed along to consumers, thereby dampening the demand for home banking services.

[0009] These limitations are reflected in U.S. Pat. No. 5,220,501, Lawlor et al. The process for an electronic monetary system as described by Rosen in U.S. Pat. No. 5,453,601 addresses some of the problems associated with certain payees not accepting electronic payments, but the described invention has not yet been widely implemented, if at all. In addition, many banks have developed PC and telephone banking processes merely to allow the consumer to create a paper check at the bank through a PC or telephone. The bank then processes the check in the same manner as consumer-written checks. While the consumer has not had to physically write a check, the bank must remit the paper payment created by the consumer, with little or no operational savings or efficiencies to the bank.

[0010] The effort to provide more home banking services has prompted a number of inventions that provide access to accounts through various modifications of pre-existing hardware that dial into payment networks or bank systems for processing transactions. These are described in U.S. Pat. Nos. 5,025,373; 5,591,949; 5,424,938; 5,050,297; 5,336,870. Virtually all of these inventions only increase the accessibility of the existing ATM/banking process without addressing the functionality of accessing and processing loan and other debt payments serviced by non-depositories.

[0011] Another similar approach that has met limited success has been the establishment of automatic drafting mechanisms for payment of specific consumer obligations. In this scenario, the consumer provides the vendor with information regarding his bank's automated clearing house (ACH) routing number and his account number. The vendor then drafts the amount owed, usually according to a set schedule, from the consumer's account each month. The process is efficient for the vendor and for the bank, but leaves the consumer with little control as to the timing of the draft and the amount of the draft. It is not until the draft has already occurred that the consumer is aware of the transaction, and thus able to verify the transaction's accuracy. Nor does the consumer receive a record of the transaction until the bank issues a periodic statement of the account. This is

the type of invention described by Duval, et al. in U.S. Pat. No. 5,469,991, a pre-authorized billing system.

[0012] Finally, point-of-sale (POS) transactions are growing more prevalent, with ATM card readers and key pads appearing in grocery stores, convenience stores and gas stations, among others. While the predominant use of the POS terminals has been to speed the check-out time (increase payment efficiency), POS debit transactions have also provided a substitution for cash and have served to reduce the number of checks returned to the vendor due to insufficient consumer funds balances. During a POS transaction, the consumer swipes the ATM (or debit) card through a card reader. Assuming an on-line debit transaction (versus an off-line credit-oriented transaction), the consumer enters a unique personal identification number (PIN), and then waits for the card reader/register to communicate to the transactions processor the total amount of the sale (i.e., the amount to be debited from the consumer's transaction account). (In U.S. Pat. No. 5,484,988, Delfer describes a similar process that scans a consumer's account information from a physical paper check presented at the point-of-sale.) After receiving verification from the consumer's bank that sufficient funds exist in the consumer's account to cover the transaction and an authorization from the consumer's bank to proceed, the transactions processor forwards to the POS terminal a transaction approval message (or, in the case of insufficient funds, a denial). Funds are routed from the consumer's bank account to the vendor through an ACH network. This scenario provides efficiencies for the vendor, the bank, and the consumer, but unfortunately requires a purchase transaction to initiate the process. Such a requirement is unrealistic for the repayment of a loan or other debt obligation.

SUMMARY OF THE INVENTION

[0013] In view of the foregoing, it is an object of the present invention to provide a system and method for automated debt payment through the use of ACH debiting and crediting of various payor and payee accounts.

[0014] It is yet another object of the present invention to provide a system and method for automated debt payment wherein individual consumer debt payments (i.e., debits) can, if necessary depending on the type of debt, be automatically divided among (i.e., credited to) a plurality of payee accounts.

[0015] It is a still further object of the present invention to provide a system and method for automated debt payment that uses an established ATM network to receive information from a consumer identifying a type of debt payment to make and, if he wishes to pay more than the minimum amount due, an amount to pay.

[0016] It is a still further object of the present invention to provide a system and method for automated debt payment that interfaces between existing ATM networks and debt servicer systems to facilitate the payment of debt obligations by a consumer through the use of the ATM network.

[0017] It is yet another object of the present invention to provide a system and method for automated debt payment that operates to convert debt information between formats used by various debt servicers and a format used by an ATM network.

[0018] It is also an object of the present invention to reduce payment processing costs for debt servicers, such as loan servicers (e.g., mortgage, auto and home equity loan servicers), other monthly consumer debt and bill payment processors (e.g., credit card companies, public utilities, and phone and cable companies), and time payment processors (e.g. leasing and rental companies) through the use of ACH debiting and crediting of various payee and payor accounts involved, including those accounts into which segregated portions of the consumer payment must be deposited.

[0019] It is yet another object of the present invention to provide a system and method for automated debt payment that reminds a user of an ATM, during an ATM banking session, that a loan or debt payment is due or past due, thereby prompting the consumer to transact the payment of that loan or debt obligation at that time.

[0020] Yet a further object of the present invention is to make the debt payment process easier and less costly for the consumer by eliminating the need for the consumer to write a check, keep track of payment coupons or monthly statements, and to eliminate postage costs and any uncertainty related to items being lost in the mail.

[0021] An additional object of the present invention is to ensure that consumer payments are made in amounts acceptable to the loan servicer, thereby eliminating uncertainties with respect to consumer intent that occurs when payments are submitted for amounts other than that which the debt servicer is expecting.

[0022] A further object of the present invention is to facilitate the payment of consumer debt obligations where the amount of the obligation due each month is not a perpetually fixed amount.

[0023] It is also an object of the present invention to provide a system and method for automated debt payment wherein debt obligation information (i.e., minimum payment amount due, due date) is periodically updated from debt servicers records.

[0024] Yet another object of the present invention is to facilitate the payment of past due consumer debt obligations, where such obligations may be subject to a penalty charge, thereby affecting (or increasing) the minimum payment amount due.

[0025] Another object of the invention is to eliminate costs for the servicer and the consumer related to returned items (i.e., items returned for insufficient funds).

[0026] A still further object of the invention is to provide the consumer with direct and timely access to loan balance and payment information without having to contact the loan servicer.

[0027] Yet another object of the invention is to integrate, via batch processing, or make available, via a communications connection such as a modem connection, non-depository (i.e., non-bank) controlled consumer loan, debt and other obligation payment data to depository-controlled ATM transaction networks.

[0028] A further object of the invention is to facilitate any reconciling and reporting that the loan servicer must perform by reducing human intervention in those processes and therefore reducing human error.

[0029] These and other objects are achieved by the present invention, which provides an automated debt payment system and method for providing access to a plurality of non-bank loan payment processors (loan servicers) through established ATM networks, thereby creating a payment system designed to allow a consumer to initiate an electronic transfer of funds from a primary bank transaction account (e.g., checking account, savings account) to a loan servicer to satisfy an outstanding consumer debt or payment obligation. The present invention provides a system and method to facilitate automated payment of consumer debt obligations through the use of an ATM network, wherein a transactions processor and proprietary software are employed to combine specific consumer loan payment data with specific depository transaction account information for the purpose of effecting a more efficient loan payment/servicing process. Information relevant to the loan payment is electronically communicated from the loan servicer through software designed to interact with the servicer's loan database, extract specific fields from designated records, and communicate this information to a third party loan payment facilitator's central computer. The third party loan payment facilitator's central computer reformats the data as necessary, appends this information with any similar information received from other loan or debt servicers, and transmits the appended information to one or more ATM transaction processors.

[0030] All loan servicer data will be subject to standardization, since data received from loan servicers by the 3rd party central computer will consist of multiple file and field layouts and descriptions. Once all data has been received from contracting loan servicers, the central computer will translate each loan servicer's data into a common, standard format complying with ANSI X.9, ANSI X.12, ISO 8583 or other suitable standards as adopted by the financial services and ATM transactions processing industries. Once converted, standardized records files will be appended. Standardized records will be available to ATM transaction processors either in batch transmittal or on-line mode during consumer ATM transactions. Batch transmittal will require the processor to temporarily store (i.e., update daily) loan servicer records internally in database format either as a part of or separate from other consumer depository account records. Processors not wishing to store loan servicer records on-site will be able to access the central computer via standard communications paths, such as a dial-up modem connection, lease line, or TCP/IP, during any on-line consumer ATM transaction. Either access method will provide the ATM transaction processor access to the consumer's loan or debt payment obligations during any consumer-initiated ATM transaction, thereby allowing the processor to facilitate the consumer's payment request or to prompt the consumer to make a debt payment based upon dictated transaction precedence logic.

[0031] In accordance with the present invention, an ATM banking institution modifies existing ATM screens to allow for loan payment, but is otherwise not involved in the process of allowing the consumer to access the loan payment process nor in restricting the institutions whose obligations would be paid through the ATM network. In addition, the present invention fully incorporates electronic funds transfers through EFT and ACH networks, thus offering loan servicers and payment processors opportunities for significant improvements in processing efficiency.

[0032] Where specific loan investors require that the funds from their loans be kept separate and apart from loans processed by the servicer for other investors, the present invention provides for ACH debiting and crediting of the various payee and payor accounts involved, including those accounts into which segregated portions of the consumer payment must be deposited. To illustrate, in the case of mortgage loans, a single loan servicer might process monthly mortgage payments for loans owned by Fannie Mae, Freddie Mac, Ginnie Mae, the Federal Housing Administration, and other private investors. Payments received on Fannie Mae loans must be deposited to an account separate from payments received on any other non-Fannie Mae loans. Additionally, the principal and interest portion of the mortgage payment must be deposited to an account separate from the real estate taxes, hazard insurance and mortgage insurance premium portions of the payment. In all, a single consumer check received by a mortgage loan servicer as a monthly mortgage payment may first have to be deposited to one account, and the representative dollar amount later divided, separated and deposited to three or more separate accounts. Similarly, a credit card servicer might process monthly consumer credit card payments for several credit card issuers. Again, payments received for the accounts of separate card issuers must be deposited separately and apart from payments received for the accounts of other card issuers. Through the use of ACH debiting and crediting, and particularly through the issuance of multiple ACH credits to effect the transfer of funds to multiple different accounts, payment processing costs are reduced for loan and debt servicers.

[0033] In accordance with this feature of the present invention, the complexities of segregating consumer payments into separate depository (i.e., custodial) accounts is reduced. Upon consumer initiation of a debt payment via an ATM terminal, the ATM transactions processor will retrieve the consumer's debt payment data. This data will include such information as the total dollar amount of the payment due, the identity of the payee, the payee's ACH routing number, and the appropriate account number of the bank account to which the consumer's payment is to be deposited (i.e., electronically transferred). For transactions such as mortgage payments, the payment data retrieved by the ATM transactions processor will further include the subtotal amounts of the consumer's payment representing the principal and interest portion, the real estate tax portion, the insurance portion, etc., as well as the separate depository account numbers into which those subtotal amounts are to be electronically transferred. From the consumer's perspective, his transaction account will be debited for a single dollar amount. However, during the actual electronic transfer of funds from the consumer's account to the payee, that single debit amount will be further divided and routed to separate depository accounts by the issuance of multiple ACH credits.

[0034] This feature (i.e., that of electronically segregating the payment debit into multiple depository credits) marks a significant improvement over existing automatic drafting and debit payment processes. Consumer payments that do not require segregation into separate custodial accounts (i.e., monthly utility payments) will be facilitated through the issuance of a single ACH debit and a single ACH credit, thereby transferring the payment amount from the consum-

er's transaction account and depositing that full payment amount into one designated depository account.

[0035] In accordance with the present invention, a messaging (or reminder) prompt is provided to consumers during ATM transactions, indicating that a loan or debt payment is due or past due, thereby prompting the consumer to transact the payment of that debt or loan obligation at that time. Messaging prompts are date sensitive, based upon a logical comparison of the current day's date to the payment due date recorded in the consumer's loan payment record available to the ATM transaction processor through a 3rd party debt payment facilitator. In the context of current ATM transaction protocols, this feature is also unique to the present invention. While serving as a reminder function for the consumer, this feature offers the loan servicer the ability to eliminate the mailing of monthly payment reminders and/or past due notices.

[0036] The present invention also eliminates the need for the consumer to write a check, keep track of payment coupons or monthly statements, and will eliminate postage costs and any uncertainty related to items being lost in the mail. In this manner, the present invention makes the payment process easier and less costly for the consumer.

[0037] The present invention also operates to ensure that consumer payments are made in amounts acceptable to the loan servicer, thereby eliminating uncertainties with respect to consumer intent that occurs now when payments are submitted for amounts other than that which the servicer is expecting. The invention will not allow the consumer to remit a payment amount less than the minimum payment due as displayed on the ATM screen to the consumer. Any dollar amounts remitted by the consumer, via the invention, in excess of the minimum payment due are automatically applied to debt principal reduction. Furthermore, since consumers will only be able to remit payments electronically via an ATM when there are sufficient funds in the designated transaction account to cover the payment, costs for the servicer and the consumer related to returned items (i.e., non-sufficient funds) will be eliminated.

[0038] The present invention also facilitates the payment of consumer debt obligations where the amount of the obligation due each month is not a perpetually fixed amount. Utility bills vary from one month to the next. The minimum payment due, and the actual amount paid by consumers, on most credit and/or charge cards also typically varies from one month to the next. Mortgage loan payments can change due to the imposition of adjustable interest rates. The present invention is designed to receive updated payment information from loan and debt servicers on a daily basis, thus ensuring that the minimum payment amount due as displayed to the consumer on the ATM screen complies with the payment terms required by the respective loan servicer.

[0039] The present invention further operates to facilitate the payment of past due consumer debt obligations, where such obligations may be subject to a penalty charge, thereby affecting (or increasing) the minimum payment amount due. For example, a payment due today may be subject to a late charge if received tomorrow, thereby increasing the amount of the obligation due if the payment is transacted by the consumer tomorrow. Again, because the present invention receives updated payment information from loan and debt servicers on a daily basis, the minimum payment amount

due as displayed to the consumer on the ATM screen will always comply with the payment terms required by the respective loan servicer.

[0040] The invention also operates to provide the consumer with direct and timely access to loan balance and payment information without having to contact the loan servicer. The consumer will automatically receive a receipt of any payment transaction executed, with relevant loan balance and payment information printed thereon, and will also be able to request this information through the ATM at times other than when making a payment.

BRIEF DESCRIPTION OF THE DRAWINGS

[0041] FIG. 1 shows a block diagram of a conventional ATM system illustrating the transactions that occur during a typical ATM transaction.

[0042] FIG. 2 shows a block diagram of the present invention illustrating the transactions that occur during the payment of a debt obligation in accordance with the present invention.

[0043] FIG. 3 is a flowchart illustrating the process of a debt obligation payment using a system of the present invention as shown in FIG. 2.

[0044] FIG. 4 is a flowchart of a process used by a loan servicer to retrieve and process information for forwarding to a 3rd party loan payment facilitator.

[0045] FIG. 5 is a flowchart of a process used by a third party loan payment facilitator to extract and process debt obligation data from one or more loan servicers in accordance with the present invention.

[0046] FIG. 6 is a flowchart of a process used by a third party loan payment facilitator to receive and process transaction information from an ATM transactions processor in accordance with the present invention.

[0047] FIG. 7 is a flowchart of a process used by a loan servicer to receive and process transaction data from a 3rd party loan payment facilitator.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0048] Referring now to FIG. 2, a block diagram illustrating the overall organizational structure of a system for automated debt payment in accordance with the present invention is shown generally at 10. As seen in FIG. 2, the debt payment system of the present invention includes ATM network 8 shown in more detail in FIG. 1, together with a loan or debt servicer's bank 22, a loan or debt servicer 24, and a 3rd party loan payment facilitator 26. In the present application, the term "financial institution" is used broadly to refer to either depositories or debt servicers, including either loan servicer's bank 22, loan servicer 24, or a combination of these two in a single entity.

[0049] As described above in connection with FIG. 1, ATM network 8 includes an ATM transaction processor 14, an ATM banking institution 16, a consumer banking institution 18, and an ACH network 20. In order to clarify the operation of the present invention, ATM network access device 15, communications path 17, back-up data and transactions log 13, and communications path 27 are omitted

from ATM network 8 as shown in FIG. 2, but these components would typically remain present to handle typical known ATM transactions as described in connection with FIG. 1 above.

[0050] 3rd party loan payment facilitator 26 is connected with ATM transaction processor 14 of the ATM network 8 through communications path 31. Furthermore, the loan or debt servicer's bank may be connected with ATM transaction processor 14 of the ATM network 8 through communications path 32. While this connection is not required, it can be used to provide communication of transaction information and confirmation records between transaction processor 14 and the loan servicer's bank 22.

[0051] The loan or debt servicer's bank 22 is connected with ACH network 20 through communications means 33 and is connected to the loan or debt servicer 24 through a suitable communications medium 35, which be any of an electronic, telephonic, or postal interconnection. 3rd party loan payment facilitator 26 and loan or debt servicer 24 are also connected with each other through communications path 37, which is not necessarily a permanent connection, but rather may be periodically established "on-demand" when data communication is required.

[0052] In accordance with the present invention, 3rd party loan payment facilitator 26 and the loan servicer 24 cooperate with each other and with the ATM network 8 to allow a consumer to complete a loan payment using the ATM network 8, and more particularly, using an ATM network access device 15 (FIG. 1) at the ATM banking institution 16. 3rd party loan payment facilitator 26 makes loan account information available to the ATM network 8 through communications path 31. This information may be uploaded to transaction processor 14 in a bulk transfer on a periodic basis, such as once a day, or may be supplied to transaction processor 14 on a transaction-by-transaction basis. In a case where a bulk transfer is used, communications path 31 may be an intermittent link, such as a dial-up modem connection, that is periodically established when it is necessary to transfer data to transaction processor 14. Conversely, when a transaction-by-transaction transfer is used, communications path 31 must be substantially permanent since transaction processor 14 will request such information any time a consumer initiates an ATM transaction.

[0053] Communications path 31 is also used to transfer information from transaction processor 14 to 3rd party loan payment facilitator 26. For example, 3rd party loan payment facilitator 26 will receive information from transaction processor 14 indicating that a user has completed a payment on an outstanding debt obligation. In this manner, the records maintained by the 3rd party loan payment facilitator can be updated, if desired, to reflect that such payment has been made. As described in more detail below, this information is also communicated to loan servicer 24 to assist, among other things, with updating loan records and investor reporting records, and with the settlement verification process occurring between loan servicer 24 and the loan servicer's bank 22.

[0054] 3rd party loan payment facilitator 26 and loan servicer 24 are connected and communicate through a communications path 37, which may be any suitable data communications path, such as a dial-up modem connection, leased line, or TCP/IP connection. 3rd party loan payment

facilitator **26** receives loan account information from loan servicer **24**. While a single communications path **37** and a single loan servicer **24** are shown in **FIG. 2** for clarity, in practice the present invention will likely include any number of loan servicers and associated communications paths **37** connected therewith. In such case, 3rd party loan payment facilitator **26** will collect loan account information from each of the plurality of loan servicers **24** through the communications paths **37** and will process this information as discussed in detail below to generate suitable loan account information for transfer to transaction processor **14** through communications path **31**.

[0055] As mentioned above, loan servicer **24** also receives payment transaction records from the 3rd party loan payment facilitator **26** through communications path **37**. In this manner, loan servicer **24** is notified that a payment has been made and that it can expect to receive a verification of such payment from the loan servicer's bank **22** in due course.

[0056] In a manner similar to the ATM banking institution shown in **FIG. 1**, the loan servicer's bank **22** is connected with the ACH network **20** of the ATM network **8** and receives electronic loan payment credits from the ACH network **20** through communications means **33**. In accordance with one important feature of the present invention, ACH network **20** may initiate multiple electronic credits **33a**, **33b**, **33c** using communication means **33**. That is, where it is desirable that a loan payment be segregated and deposited to multiple accounts, ACH network **20** will initiate multiple funds transfers **33a**, **33b**, **33c**, etc., to each of the respective accounts in an appropriate amount. In this manner, the burden on loan servicer **24** to segregate funds received from a consumer is eliminated while segregation required by investors is maintained.

[0057] The process followed by a consumer to make a loan payment will now be described in more detail in connection with **FIG. 3**. The loan payment process shown in **FIG. 3** illustrates the transactions performed by the ATM network **8** (**FIGS. 1 and 2**) in response to a user request that a loan payment be made, and funds transferred from the consumer's banking institution **18** to a loan servicer's bank **22**. **FIG. 3** does not illustrate the process by which information about a consumer's loans are retrieved from the loan servicer **24** and made available to the ATM network **8** to facilitate payment of these obligations. These features of the present invention are discussed in more detail below in connection with **FIGS. 4-7**.

[0058] Referring now to **FIGS. 2 and 3**, the process starts in block **300**. In block **302** a user initiates an ATM session by inserting his ATM card and entering an appropriate PIN into an ATM network access device, such as an ATM terminal. Once the user has successfully logged into the ATM network, the user may elect to make a loan or debt payment in block **304**. The user will be prompted to identify the loan for which he wishes to make a payment, and to indicate the amount of payment that he wishes to make. It should be noted that the user is not obligated to provide detailed information to identify the loan and the payment amount, but rather the user is provided with a series of display prompts that the user can select to make a payment on a debt obligation. Exemplary ATM screen displays and a flow diagram of such screens are provided as Appendix A

attached hereto, illustrating the manner in which the present invention facilitates selection of a loan and entry of a payment amount.

[0059] In accordance with one feature of the present invention, the ATM network, and more particularly the ATM network access device, may automatically prompt the user to make a loan payment when one is due within a certain predetermined time frame. That is, if a user logs into an ATM terminal within a certain time period prior to a payment due date for a debt obligation, the ATM system may display a suitable reminder to the user that a loan payment is due, and offer the opportunity for that user to initiate a payment at that time. Therefore, it is to be understood that the following discussion of the loan payment process could be initiated by a user either himself, or in response to a prompt from the ATM network.

[0060] Also, in accordance with the present invention, a user is prohibited from making a payment for an amount less than that which is due on the debt obligation. That is, the user is prohibited from remitting a payment amount that is lower than that which is periodically due on the debt obligation, thus preventing confusion and misunderstanding that result when a consumer errantly pays some amount less than the full amount that is due under the obligation. The user may, however, elect to pay an amount greater than that which is due, with any overage applied to reduce the outstanding principal balance of the obligation.

[0061] Once the user has indicated the type of loan and the dollar amount of the payment to be made in block **304**, the appropriate transaction information is sent from the ATM banking institution **16** to a suitable transaction processor **14** in block **306**. In block **308**, the transaction processor receives this information, identifies the appropriate consumer banking institution **18** associated with the user, and forwards appropriate transaction information to the consumer's banking institution **18**.

[0062] The consumer's banking institution **18** uses this information to verify that sufficient funds are available in the user's account to satisfy the requested transaction in block **310**. The consumer's banking institution **18** then generates an appropriate authorization message and returns it to transaction processor **14**. In the event that sufficient funds are present for the transaction, the authorization message will indicate that the transaction should proceed. In the event that insufficient funds are present for the transaction, the authorization message will so indicate and the transaction will be halted with an appropriate message being displayed to the user at the ATM banking institution **16**. In either event, transaction processor **14** forwards the authorization message back to the ATM banking institution **16** as shown in block **312**.

[0063] In block **314**, assuming that sufficient funds exist for the transaction to proceed, transaction processor **14** generates appropriate debit and credit instructions and forwards these instructions to the ACH network **20** in order to initiate the actual transfer of funds between the consumer's banking institution **18** and the loan servicer's bank **22**. Specifically, the transaction processor **14** will request the ACH network to debit the consumer's account at the consumer's banking institution **18** by an amount equal to the debt payment amount indicated by the consumer, and will request that a credit be made to the appropriate loan servicer's

er's account at the loan servicer's bank **22**. One important feature of the present invention lies in the ability of the present invention to request that multiple credits be made to automatically segregate funds at the loan servicer's bank **22**. By so doing, the effort of administration required by the loan servicer **24** is greatly reduced and substantial costs savings can be realized. In block **316**, the ACH network will receive these fund transfer requests from the transaction processor and will generate and forward suitable debit and credit transaction requests to the appropriate banking institutions.

[**0064**] In block **318**, the transaction processor **14** will generate suitable confirmations that the transaction has been completed and will forward confirmation records of such completion to the consumer's banking institution **18**, to the ATM banking institution **16**, and to the 3rd party loan payment facilitator **26**. Transaction processor **14** can also forward a confirmation record of such completion to the loan servicer's bank **22** using optional communications path **32** as desired. With confirmation that the transaction has been successfully completed, a notice to that effect is displayed to the consumer and the process ends in block **320**.

[**0065**] The above debt payment transaction process described in connection with **FIG. 3** assumes that debt information is available to the ATM network **8** for use in processing a consumer's request for a debt payment transaction. However, the currently known ATM system does not include such information and it is an object of the present invention to provide a system and method for making this information available to the ATM network **8** to facilitate the payment of debt obligations in the manner described above in connection with **FIG. 3**.

[**0066**] In accordance with the present invention, means are provided with both the 3rd party loan payment facilitator **26** and the loan servicer **24** to obtain the necessary information for use by the ATM network **8** in processing a consumer's debt payment request. In the most preferred embodiment, these means include software operating on a suitable computing device at both the 3rd party loan payment facilitator's **26** location and at the loan servicer's **24** location. This software operates to provide communication between the 3rd party loan payment facilitator **26** and the loan servicer **24**, as well as appropriate communication with ATM network **8** using communications paths **31** and **37** shown in **FIG. 2**.

[**0067**] The software residing at the loan servicer's **24** location interfaces with communication path **37** to transfer information between loan servicer **24** and 3rd party loan payment facilitator **26**. During installation of this software, various information is input by the loan servicer **24** to facilitate this communication, including identification of the loan servicer's **24** type of modem and dial-in number for modem communications, operating environment, database design, systems platform, and contact information at the loan servicer's **24** place of business, etc.

[**0068**] As illustrated in **FIG. 4** in block **400**, the software scans the database of loan servicer **24** and in block **402** identifies customers electing to use the services of 3rd party loan payment facilitator **26**. For example, the database of loan servicer **24** could include a field having information identifying that customer as one electing to use the services of the 3rd party loan payment facilitator **26**. When a customer is located, the software extracts the necessary data elements from the record and preferably stores this information in a temporary file in block **404**. The scanning

process then continues in this manner until it has completed scanning the entire database of loan servicer **24**.

[**0069**] Exemplary data extracted from the loan servicer's **24** database is shown in Table I below. Of course, more or less information may be extracted and forwarded to 3rd party loan payment facilitator **26** as desired.

TABLE I

ACCOUNT DATA RECEIVED FROM LOAN SERVICERS	
Data Element	Description
Servicer Identification Number	Means by which 3rd party loan payment facilitator uniquely identifies its customers
Site Identification Number	Means by which 3rd party loan payment facilitator identifies sub-components of its customers
Servicer Name	Servicer Name
Servicer Mailing Street Address	Servicer Mailing Street Address
Servicer Mailing City	Servicer Mailing City
Servicer Mailing State	Servicer Mailing State
Servicer Mailing Zip Code	Servicer Mailing Zip Code
Servicer Mailing Zip + 4	Servicer Mailing Zip + 4
Servicer Contact	Servicer Contact
Servicer Contact Phone	Servicer Contact Phone
Servicer Contact Fax	Servicer Contact Fax
Site Mailing Street Address	Site Mailing Street Address
Site Mailing State	Site Mailing State
Site Mailing Zip Code	Site Mailing Zip Code
Site Mailing Zip + 4	Site Mailing Zip + 4
Site Contact	Site Contact
Site Contact Phone	Site Contact Phone
Site Contact Fax	Site Contact Fax
Borrower First Name	Borrower First Name
Borrower Middle Initial	Borrower Middle Initial
Borrower Last Name	Borrower Last Name
Borrower Social Security Number	Borrower Social Security Number
Co-borrower First Name	Co-borrower First Name
Co-borrower Middle Initial	Co-borrower Middle Initial
Co-borrower Last Name	Co-borrower Last Name
Co-borrower Social Security Number	Co-borrower Social Security Number
Borrower Mailing Street Address	Borrower Mailing Street Address
Borrower Mailing City	Borrower Mailing City
Borrower Mailing State	Borrower Mailing State
Borrower Mailing Zip Code	Borrower Mailing Zip Code
Borrower Mailing Zip + 4	Borrower Mailing Zip + 4
Property Mailing Address	Location of the property securing the mortgage loan
Property Mailing City	Property Mailing City
Property Mailing State	Property Mailing State
Property Mailing Zip Code	Property Mailing Zip Code
Property Mailing Zip + 4	Property Mailing Zip + 4
Loan Number	Servicer's unique loan identifier
Original Loan Balance	Original dollar amount of the loan
Outstanding Unpaid Principal Balance	Current amount owed by the borrower on the loan
Outstanding Escrow Reserve Balance	Current amount paid by the borrower and held in escrow reserve by the servicer for the future payment of real estate taxes, insurance, etc.
Principal Paid YTD	YTD principal amount paid by the borrower
Interest Paid YTD	YTD interest amount paid by the borrower
Tax Paid YTD	YTD local property taxes paid by the borrower and collected and managed by the servicer, if any
Insurance Paid YTD	YTD home owners insurance paid by the borrower and collected and managed by the servicer, if any
MI Premium Paid YTD	YTD mortgage insurance premium paid by the borrower and collected and managed by the servicer, if any
Current Loan Interest Rate	Current Loan Interest Rate

TABLE I-continued

<u>ACCOUNT DATA RECEIVED FROM LOAN SERVICERS</u>	
Data Element	Description
Loan Type Indicator	Identifies Loan as Fixed Rate or Adjustable Rate
Current Principal Owed	Amount of payment due that will be applied to reduce the principal amount of the loan
Current Interest Owed	Amount of payment due that will be applied to the interest of the loan
Current Escrow Tax Owed	Amount of payment that will be applied to local property taxes managed by servicer, if any
Current Escrow Insurance Owed	Amount of payment due that will be applied to pay premium on home owners insurance managed by servicer, if any
Current MI Premium Owed	Amount of payment due that will be used to pay premium for primary mortgage insurance, if any
Current Payment Owed	Total payment amount due to satisfy mortgage terms
Current Servicing Fee (Percent)	Percentage Amount of the Outstanding Unpaid Principal Amount withheld by the servicer from the Current Interest Owed as compensation for performing the loan servicing function
Current Servicing Fee (Dollars)	Dollar Amount of the Current Interest Owed withheld by the servicer as compensation for performing the loan servicing function
Date Current Payment Due	Date by which payment must be received to satisfy mortgage terms
Late Fee Due	Date on which late fees/penalties will be added to the Current Payment Owed if payment has not been received by the servicer
Date of Last Paid Installment	Date last payment was made which satisfied mortgage terms
Penalties/Fees Owed	Penalties or fees owed, in addition to the Current Payment Owed
P&I Routing Number	ACH routing number (identifier) of bank at which principal and interest portion of payment is deposited
P&I Account Number	Account number into which P&I portion of payment is deposited
T&I Routing Number	ACH routing number (identifier) of bank at which property tax and homeowners insurance premium portion of payment is deposited
T&I Account Number	Account number into which T&I portion of payment is deposited
MIP Routing Number	ACH routing number (identifier) of bank at which mortgage insurance premium portion of payment is deposited
MIP Account Number	Account number into which MI payment is deposited
Fee Routing Number	ACH routing number (identifier) of bank at which fees and penalties portion of payment (including servicing fee) is deposited
Fee Account Number	Account number into which fees and penalties portion of payment (including servicing fee) is deposited
Investor Identification	Secondary Market Owner of mortgage (if any)
Investor Loan Number	Investor's unique loan identifier
Investor Remittance Type	Investor loan classification which identifies how the investor is to be paid the current principal and interest owed on the loan

[0070] In accordance with the most preferred embodiment of the present invention, the extracting software is executed at least once each day between 4 and 6 pm U.S. Eastern Standard Time. The software should automatically initiate and complete the database scanning process based on time parameters provided by loan servicer **24**. Where automatic execution is not possible, the software prompts a user as a reminder that the database scan needs to be executed and informs the user as to how long it has been since the last update was processed.

[0071] Once the appropriate data elements are extracted from loan servicer's **24** database, the software establishes in block **406** a communications link between the loan servicer **24** and the 3rd party loan payment facilitator **26** and transmits this data to the 3rd party loan payment facilitator **26** in block **408**. While in this embodiment communications are initiated by the loan servicer **24**, it will be apparent to those of skill in the art that it is possible, and in fact may be preferable, for 3rd party loan payment facilitator **26** to initiate data communications with the loan servicer **24**. Any suitable communications path can be used, including a dial-up modem connection, leased line, TCP/IP or world wide computer network interconnection. In block **410**, the software verifies that the data has been accurately transmitted and retries the transmission if a failure occurs. Upon successful transmission, the process ends in block **412**.

[0072] As noted above, the system and method of the present invention will likely interact with any number of loan servicers, or with geographically dispersed operations centers of large loan servicers. Therefore, the above data extraction process is performed for any and all loan servicers or operations centers having information that must be communicated to the 3rd party loan payment facilitator **26**.

[0073] The data from each of the loan servicers **24** is received by 3rd party loan payment facilitator **26** using appropriate communications and processing software, which is illustrated in flow chart form in FIG. 5. This software is capable of receiving data from a plurality of loan servicers or operations centers. A log of records received from each loan servicer is also generated and stored with the 3rd party loan payment facilitator **26**. As seen in FIG. 5, the process begins with the initiation of a daily download in block **500**. The software retrieves from the loan servicer **24** the required data elements extracted from the loan servicer's records (FIG. 4, block **404**) in block **502**. If the transmission fails in block **504**, control returns to block **500** and the download session is repeated. Upon a successful transmission, the extracted data is saved in block **506** and converted to an appropriate format in block **508** for storage in a database at the third party loan payment facilitator's **26** location. The data may also be saved to a back-up log for subsequent recovery or verification purposes. The data formatting used by each of the loan servicers **24** may or may not correspond to each other and to the format used by 3rd party loan payment facilitator **26**. Therefore, when an incompatible data format is used, the 3rd party loan payment facilitator **26** first converts the information into a format compatible with the third party loan payment facilitator's **26** database system.

[0074] Once the software receives, converts and stores data from all loan servicers **24** or from all operations centers of geographically dispersed loan servicers, the data is con-

verted and aggregated into a suitable format for communication to ATM network 8 (FIG. 2) as shown in block 510. In the most preferred embodiment of the present invention, the data is converted to an ANSI X.9, ANSI X.12, or ISO 8583 format, which are commonly used for ATM network data. While the above process is the preferred method in accordance with the present invention of receiving and processing the debt related information, it is to be understood by those of skill in the art that the data retrieval, formatting, and storage can be modified as desired. The primary objective achieved by the present invention is the retrieval of information of one or more loan servicers and the conversion of this information into a form that can be readily processed by an ATM transaction network to permit a user of the ATM network to view this data or to initiate a transaction in response to this data.

[0075] This data is then communicated in block 512 to ATM network 8 through a communication path 31, for example. In accordance with the present invention, the totality of this data can be downloaded to transaction processor 14 so that it is readily available when a consumer initiates a debt payment transaction using ATM network 8, or it may be stored in a database at the 3rd party loan payment facilitator's 26 location and single data records can be transferred to the ATM network 8 as required in response to a request from the transaction processor 14. This data is then used by the transaction processor 14 in the fashion described above in connection with FIGS. 2 and 3 to process debt payment requests initiated by a consumer. If the data is found to be successfully transmitted to the transaction processor 14 in block 514, the process terminates in block 516. If a transmission error is determined in block 514, then the process returns to block 512 and the data is retransmitted to the ATM processors until a successful transmission is achieved.

[0076] The 3rd party loan payment facilitator 26 software further operates to receive a record of each debt payment transaction processed by the transaction processor 14, either on a transaction-by-transaction basis or in bulk form at the end of each business day. A flowchart of this portion of the software is shown in FIG. 6. The process begins in block 600 with the initiation of a download process. The software receives information for all successfully completed transactions in block 602. Table II includes an example of the data that is received in accordance with the present invention from transaction processor 14.

TABLE II

TRANSACTION DATA RECEIVED FROM PROCESSOR	
Data Element	Description
Date Payment Received	Date Payment Received
Total Amount of Payment	Total Amount of Payment
Servicer Identification Number	Means by which 3rd party loan payment facilitator uniquely identifies its customers
Site Identification Number	Means by which 3rd party loan payment facilitator identifies sub-components of its customers
Loan Identifier	Servicer's unique loan identifier/Loan Number associated with payment
P&I Routing Number	ACH routing number to which P&I portion of payment was sent
P&I Account Number	Account number to which P&I

TABLE II-continued

TRANSACTION DATA RECEIVED FROM PROCESSOR	
Data Element	Description
P&I Deposit Amount	portion of payment was sent Amount of payment deposited to P&I account
T&I Routing Number	ACH routing number to which T&I portion of payment was sent
T&I Account Number	Account number to which T&I portion of payment was sent
T&I Deposit Amount	Amount of payment deposited to T&I Account
MIP Routing Number	ACH routing number to which MIP portion of payment was sent
MIP Account Number	Account number to which MIP portion of payment was sent
MIP Deposit Amount	Amount of payment deposited to MIP Account
Fees and Penalties Routing Number	ACH routing number to which fees and penalties portion of payment was sent
Fees and Penalties Account Number	Account number to which fees and penalties portion of payment was sent
Fees and Penalties Deposit Amount	Amount of payment deposited to fees and penalties account

[0077] If the transmission fails in block 604, the process returns to block 600, where the download procedure is retried. Upon successful transmission of the data, the process proceeds to block 606, where the downloaded data is saved. In block 608, the transaction records are disaggregated by loan servicer. From this information, detailed records of the amount of funds transferred for each outstanding obligation are received and this information can be compared with the records received from the loan servicer 24 and appropriate entries made to indicate that certain debt obligations have been paid.

[0078] Next, in block 610, the 3rd party loan payment facilitator 26 software formats this information into a suitable form and forwards, in block 612, suitable information to the loan servicers 24 sufficient to identify the transactions completed for the given reporting period. In the event that no transactions have been processed for a particular loan servicer 24, this information is also forwarded to the loan servicer 24 to confirm that no transactions in fact occurred. If the transmission is found to be successful in block 614, then the process ends in block 616. Otherwise, control returns to block 612, where the transmission to the loan servicers 24 is retried.

[0079] Referring to FIG. 7, upon receipt of this information in block 700, loan servicer 24 will save the information in block 702 and update its customer records in block 704 to reflect the payments processed by the ATM network 8, and will further use this information to aid in the settlement verification process and reconciliation of its bank accounts with loan servicer's bank 22. Furthermore, with this timely data, the loan servicers 24 can generate any necessary reports of transactions and current loan balances for forwarding to investors or secondary market agencies as required. Loan servicer 24 will then prepare the data for download the following day to the 3rd party loan payment facilitator in block 706.

[0080] In accordance with the present invention, appropriate modifications are made to the ATM network 8, and

specifically to the ATM network access device, or ATM terminal, **15** shown in **FIG. 1**. Exemplary screen displays that may be used in accordance with the present invention, and a flow diagram of such screens are provided as Appendix A attached hereto. A consumer electing to make a loan or debt payment or inquiry through an ATM selects an appropriate option from the ATM functional menu, after first having passed through the standard access requirements (i.e., inserting a magnetic-stripe ATM/debit card and entering an associated PIN). Once access has been gained, the consumer selects a payment option from the ATM functional menu, then selects the type of payment (i.e., mortgage, auto, home equity, credit card, other), elects to either make a payment or receive loan balance information only, and completes the transaction by responding to a series of prompts displayed on the ATM screens. If the user elects to receive loan balance information only, this information is retrieved as described above and provided to the user on a display portion of the ATM network access device or alternatively provided to the user in the form of a written receipt printed by the ATM network access device.

[0081] If payment is the option selected, the amount of the payment due and the name of the payee is displayed to the consumer for verification. The consumer is further given the option of paying additional funds to be applied to the loan principal balance, by keying the total dollar amount to be paid through the numeric key pad incorporated into all ATMs. In the most preferred embodiment, the invention will not allow the consumer to remit a payment amount less than the minimum payment due as displayed on-screen to the consumer. Once the consumer is satisfied that the amount to be remitted for loan payment is correct, the consumer elects to send the payment, again responding to a system prompt. If adequate funds are available in the consumer's transaction account to cover the amount of the payment, the consumer is given a receipt evidencing the transaction, and is returned to the ATM's main display screen for additional transactions. If sufficient funds are not available for the payment amount entered, the consumer is advised of the condition, the payment transaction is terminated, and the consumer is returned to the ATM's main display screen for additional transactions.

[0082] Although the invention has been described with reference to specific embodiments, various modifications of the disclosed embodiments as well as other embodiments of the invention will become apparent to persons skilled in the art on reference to the detailed description of the invention contained herein. Accordingly, the claims of the present application should not be limited to the specific preferred embodiments described.

What is claimed is:

1. A method of processing a debt payment on a consumer debt obligation using an ATM network comprising the steps of:

communicating consumer debt obligation information for at least one consumer debt obligation from at least one debt servicer responsible for said at least one consumer debt obligation to a third party payment facilitator when a consumer has indicated to the at least one debt servicer that the consumer elects to use the third party payment facilitator to effect future payments over an ATM network;

storing said consumer debt obligation information in a computer database separate from said at least one debt servicer;

receiving command information with an ATM network access device from the consumer sufficient to identify the consumer debt obligation;

accessing said consumer debt obligation information to retrieve at least a portion of said consumer debt obligation information corresponding to said command information; and

transmitting said portion of said consumer debt obligation information to a transaction processor associated with the ATM network to facilitate a transaction requesting that funds be transferred from an account associated with said consumer to at least one account at a banking institution associated with said at least one debt servicer whereby a payment on the consumer debt obligation is made.

2. The method of claim 1 wherein said at least one banking institution comprises a first banking institution and a second banking institution, and wherein a first portion of said funds is transferred to an account at said first banking institution and a second portion of said funds is transferred to an account at said second banking institution.

3. The method of claim 1 further comprising the step of converting said consumer debt obligation information communicated in a first data format from said at least one debt servicer into a second data format.

4. The method of claim 3 wherein said first data format is incompatible with the ATM network and said second data format is compatible with said ATM network.

5. The method of claim 3 wherein said second data format complies with one of the ANSI X.9, ANSI X.12, and ISO 8583 standards.

6. The method of claim 1 further comprising the step of verifying that sufficient funds are present in said account associated with said consumer to satisfy said consumer debt obligation.

7. The method of claim 1 further comprising the steps of receiving a confirmation record from said transaction processor, said confirmation record indicating that said funds have been transferred, and modifying said computer database in response to said confirmation record.

8. The method of claim 7 further comprising the step of transmitting a confirmation record to said at least one debt servicer institution through a communications path separate from said ATM network.

9. A method for providing information concerning a consumer debt obligation to a consumer of an ATM network comprising the steps of:

communicating consumer debt obligation information for at least one consumer debt obligation from at least one debt servicer responsible for said at least one consumer debt obligation to a third party payment facilitator when a consumer has indicated to the at least one debt servicer that the consumer elects to use the third party payment facilitator;

storing said consumer debt obligation information in a computer database separate from said at least one debt servicer;

receiving commands with an ATM network access device from the consumer identifying the consumer debt obligation and the information about said consumer debt obligation desired by the consumer;

accessing said computer database in response to said commands to retrieve at least a portion of said consumer debt obligation information from said database;

transmitting said portion of said consumer debt obligation information through said ATM network to said ATM network access device; and

providing, through said ATM network access device, said portion of said consumer debt obligation information to the user.

10. A system for processing a debt payment on a consumer debt obligation using an ATM network comprising:

debt servicer access means for communicating consumer debt obligation information for at least one consumer debt obligation from at least one debt servicer responsible for said at least one consumer debt obligation to a third party payment facilitator when a consumer has indicated to the at least one debt servicer that the consumer elects to use the third party payment facilitator;

storage means connected with said debt servicer access means for storing said consumer debt obligation information in a computer database separate from said at least one debt servicer;

ATM network access means connected with said storage means for transferring at least a portion of said consumer debt obligation information to an ATM network.

11. The system of claim 10 further comprising conversion means connected between said debt servicer access means and said storage means for converting said consumer debt obligation information communicated from said at least one debt servicer from a first format compatible with said at least one debt servicer to a second format compatible with said ATM network.

12. The system of claim 11 wherein said second format complies with one of the ANSI X.9, ANSI X.12, and ISO 8583 standards.

13. The system of claim 10 wherein said at least one debt servicer comprises a first debt servicer and a second debt servicer, and wherein said consumer debt obligation information communicated from said first debt servicer is in a first format and said consumer debt obligation information communicated from said second debt servicer is in a second format different from said first format.

14. The system of claim 10 further comprising:

input means for receiving commands using an ATM network access device from a user identifying the consumer debt obligation and the consumer debt obligation information desired by the user;

database accessing means connected with said input means and said ATM network access means for access-

ing said computer database in response to said commands to retrieve at least a portion of said consumer debt obligation information from said database;

transmission means connected with said database accessing means for transmitting said portion of said consumer debt obligation information through said ATM network to said ATM network access device; and

information providing means connected with said transmission means for providing, through said ATM network access device, said portion of said consumer debt obligation information to the user.

15. The system of claim 10 further comprising:

input means for receiving commands using an ATM network access device from a user identifying the consumer debt obligation;

database accessing means connected with said input means and said ATM network access means for accessing said computer database in response to said commands to retrieve at least a portion of said consumer debt obligation information from said database;

transmission means connected with said database accessing means for transmitting said portion of said consumer debt obligation information to a transaction processor associated with the ATM network to facilitate a transaction requesting that funds be transferred from an account associated with said consumer to an account at a banking institution associated with said at least one debt servicer.

16. A method of providing a reminder of a payment due on a debt obligation to a consumer using an ATM terminal during an ATM transaction session comprising the steps of:

communicating consumer debt obligation information from at least one debt servicer responsible for said debt obligation to a third party payment facilitator when the consumer has indicated to the at least one debt servicer that the consumer elects to use the third party payment facilitator;

accessing through an ATM network, in response to initiation of the ATM transaction session by the consumer, a database including the consumer debt obligation information said consumer debt obligation information including at least a payment due date, said database being associated with the third party payment facilitator;

retrieving from said database, said payment due date for said consumer debt obligation; and

displaying on the ATM terminal an indication that a payment is due in response to said payment due date for said consumer debt obligation.

* * * * *