

**(12) United States Patent**  
**Freishtat et al.**

**(10) Patent No.: US 6,317,783 B1**  
**(45) Date of Patent: Nov. 13, 2001**

- (54) **APPARATUS AND METHODS FOR AUTOMATED AGGREGATION AND DELIVERY OF AND TRANSACTIONS INVOLVING ELECTRONIC PERSONAL INFORMATION OR DATA**
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- (73) Assignee: **Verticalone Corporation,** Atlanta, GA (US)
- (\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
- (21) Appl. No.: **09/428,511**
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**Related U.S. Application Data**

- (60) Provisional application No. 60/105,917, filed on Oct. 28, 1998, and provisional application No. 60/134,395, filed on May 17, 1999.
- (51) **Int. Cl.<sup>7</sup> ..... G06F 13/00**
- (52) **U.S. Cl. .... 709/218; 707/10**
- (58) **Field of Search ..... 707/10; 709/217, 709/218**

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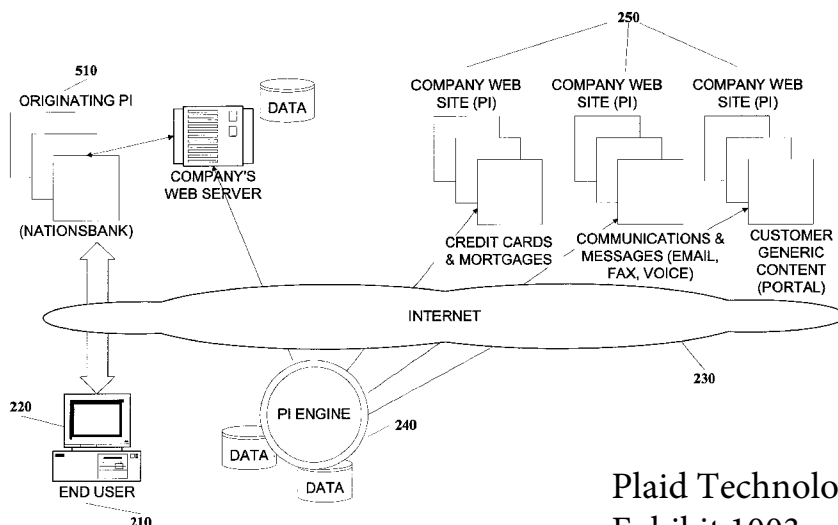
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**(57) ABSTRACT**

A system for delivering personal information according to the present invention includes a user store including end user data, a provider store including information provider data, a personal information store including personal information and a processor that communicates with these data stores. The processor selects an end user for personal information aggregation. The processor connects with one or more information providers. The processor then proceeds to retrieve personal information for the selected end user from the connected information providers. This retrieval is based on end user data associated with the selected end user and provider data associated with the connected information providers. The retrieved personal information is stored in the personal information store.

**36 Claims, 11 Drawing Sheets**



**Plaid Technologies Inc.**  
**Exhibit 1003**

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Figure 1  
(Prior Art)

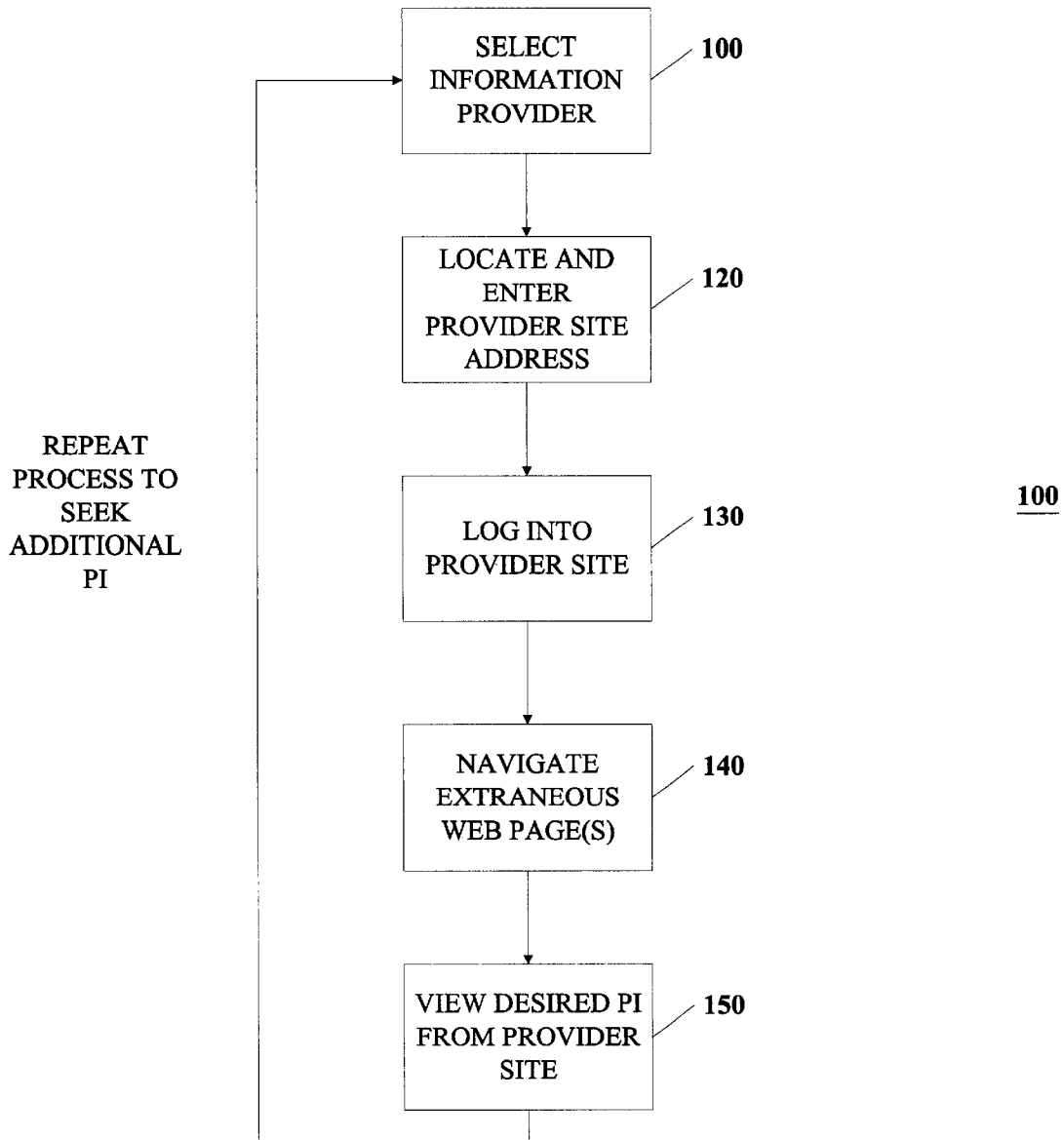


Figure 2

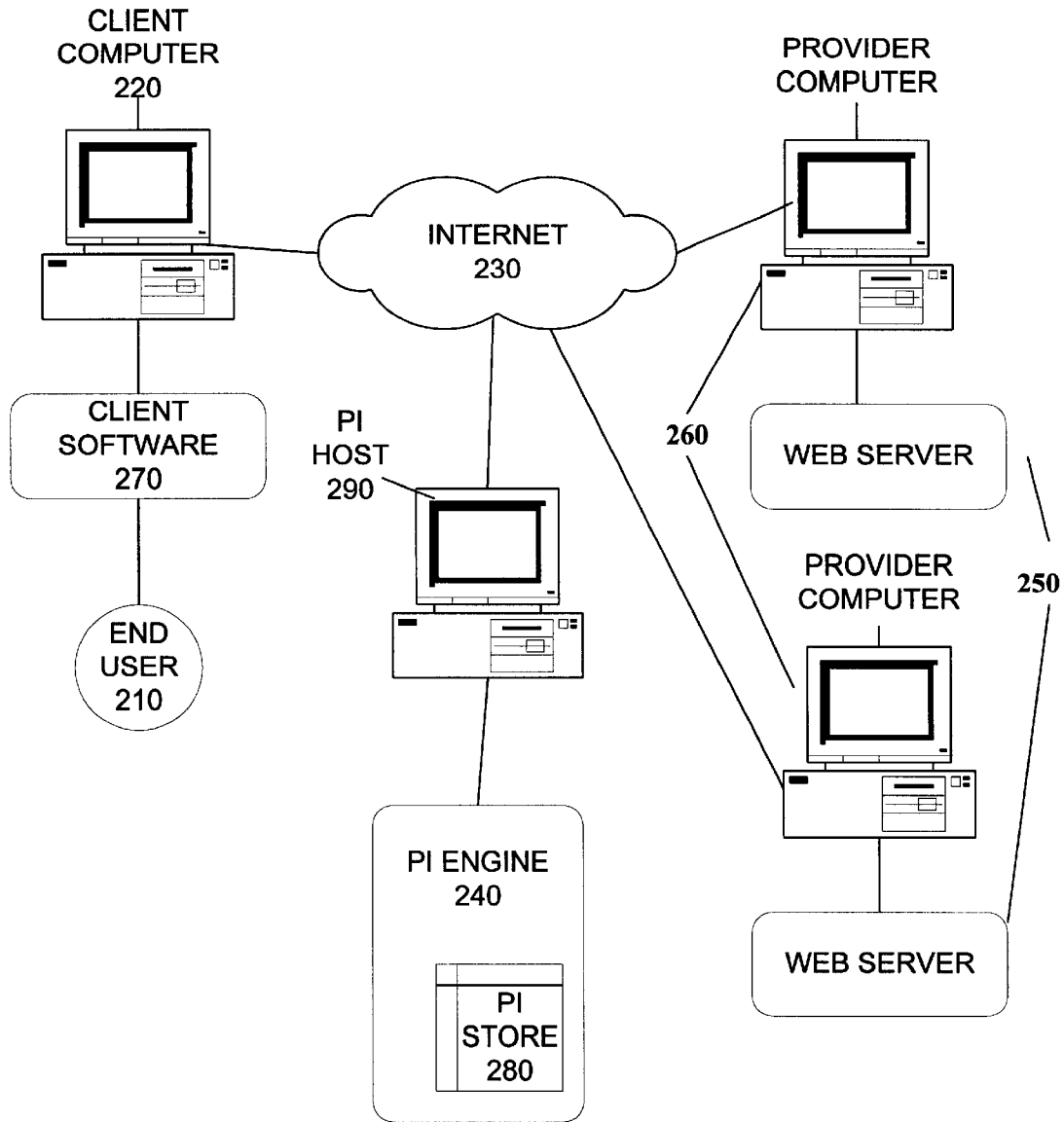
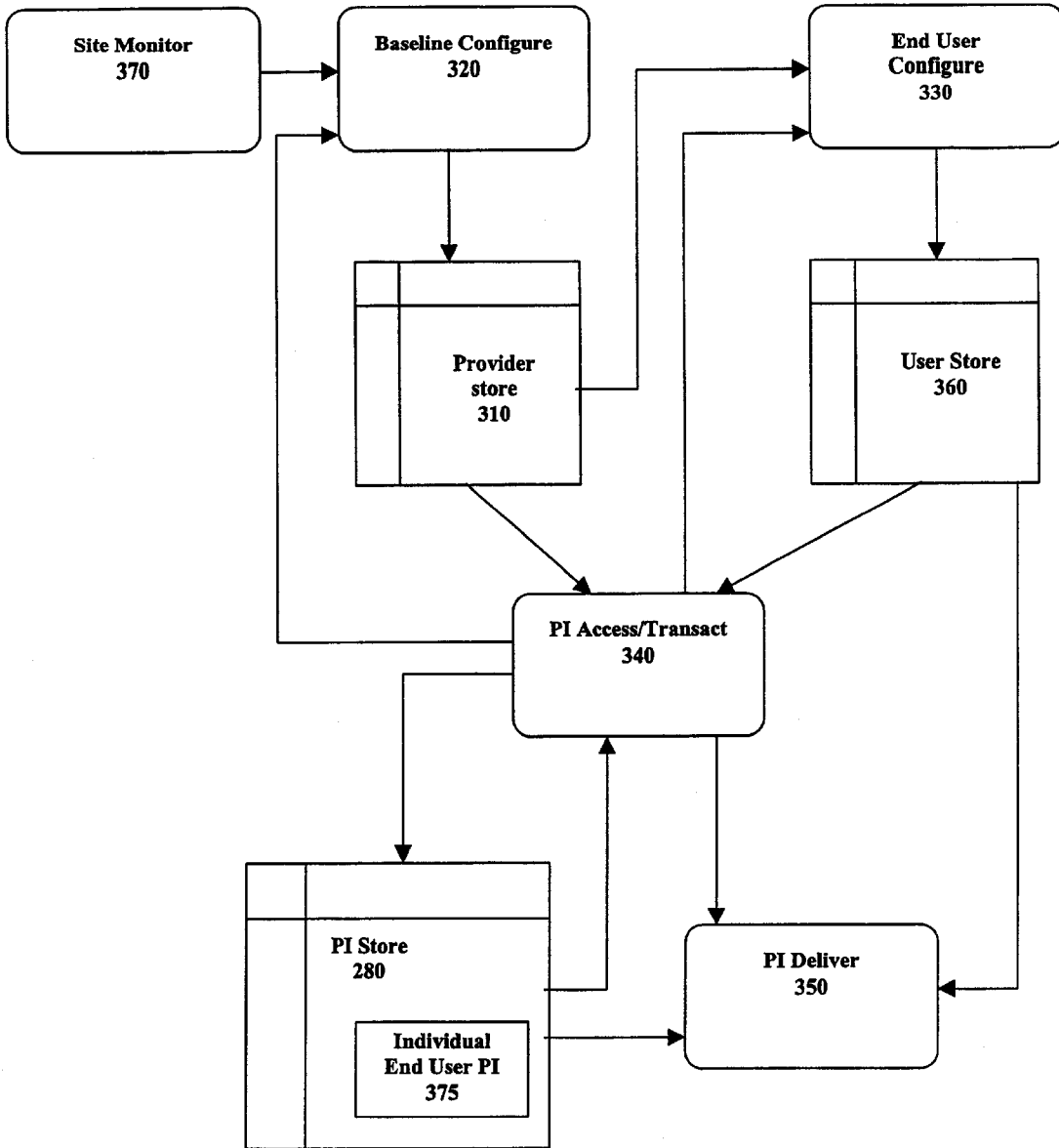


Figure 3  
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