



(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2001/0049785 A1**

Kawan et al.

(43) **Pub. Date: Dec. 6, 2001**

(54) **SYSTEM AND METHOD FOR USER AUTHENTICATION**

Related U.S. Application Data

(63) Non-provisional of provisional application No. 60/178,175, filed on Jan. 26, 2000.

(76) Inventors: **Joseph C. Kawan**, Hollywood, CA (US); **Yosif Smushkovich**, Santa Monica, CA (US); **Ronald King-Hang Chu**, Los Angeles, CA (US)

Publication Classification

(51) **Int. Cl.⁷** **H04L 9/32**
(52) **U.S. Cl.** **713/156; 713/186**

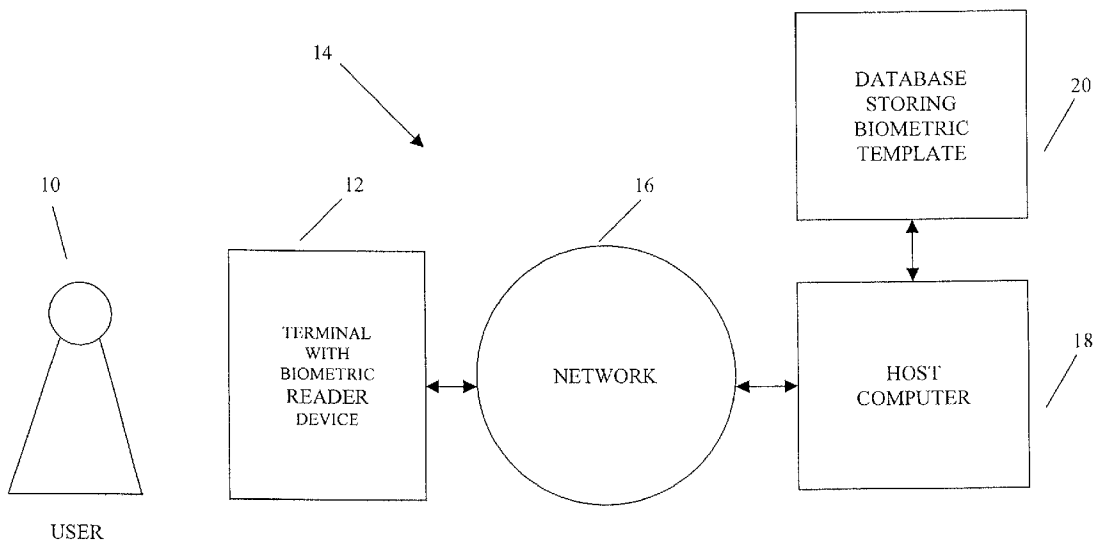
Correspondence Address:
George T. Marcou, Esq.
Kilpatrick Stockton LLP
Suite 800
700 13th Street, NW
Washington, DC 20005 (US)

(57) **ABSTRACT**

A method and system for authenticating the identity of a user by an authority makes use of presenting biometric data for the user in a predetermined shared secret sequence. The method and system can be augmented by requesting an additional shared secret, such as a PIN or additional credentials, to establish multiple layers of authentication. Varying the layers of authentication results in greater or lesser security, and the accuracy for any given layer can be relaxed without compromising the integrity of the entire method.

(21) Appl. No.: **09/769,844**

(22) Filed: **Jan. 25, 2001**



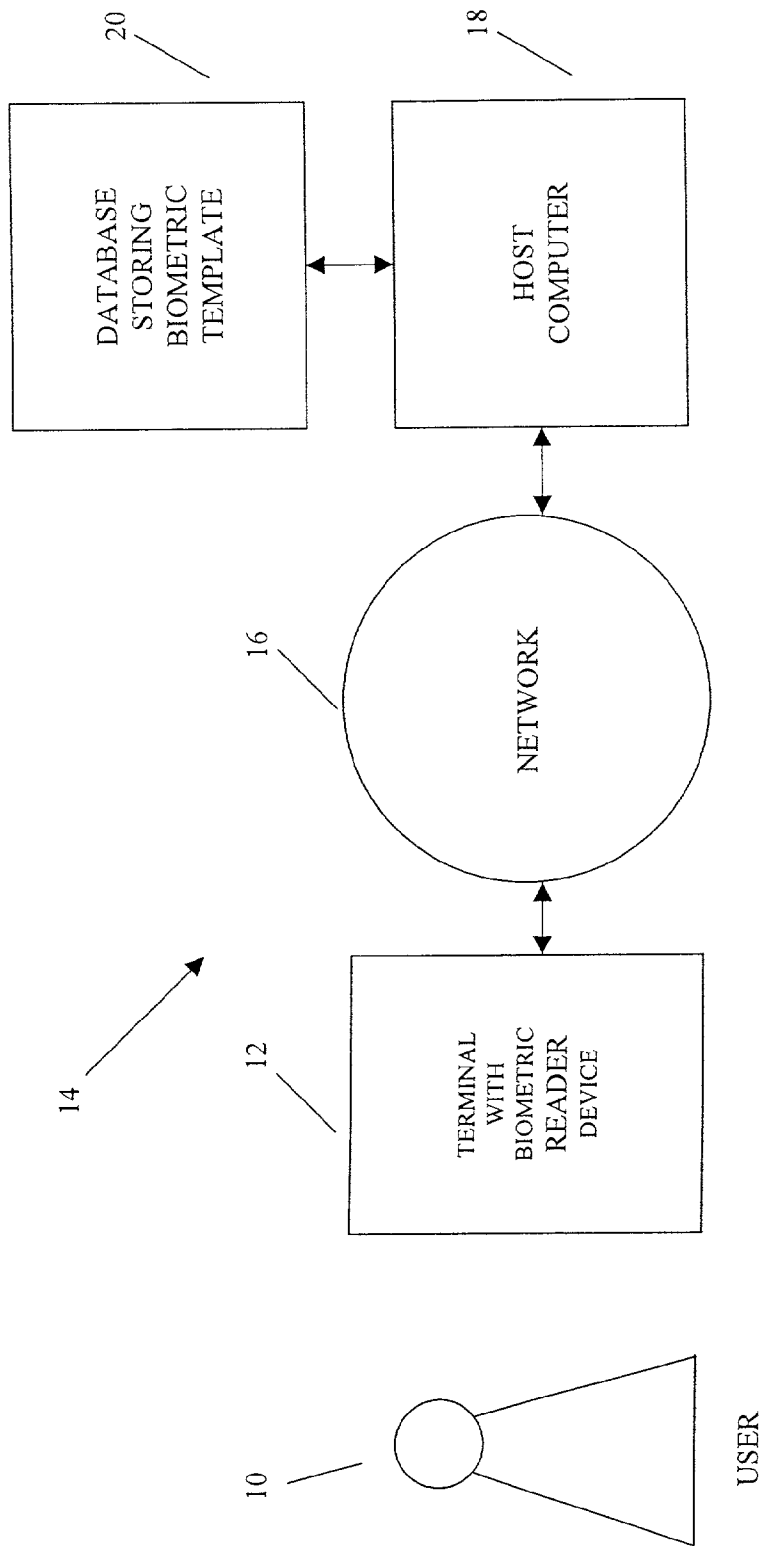


FIG. 1

USER IS OR HAS	USER KNOWS
CREDENTIALS	SHARED SECRETS
BIOMETRIC	PIN
FINGERPRINT	SEQUENCE
VOICE	
FACE	
IRIS	
DOCUMENTATION	
PAPER	
DIGITAL	

42
44
46

24
26
28
30
32
34
36
38
40

FIG. 2

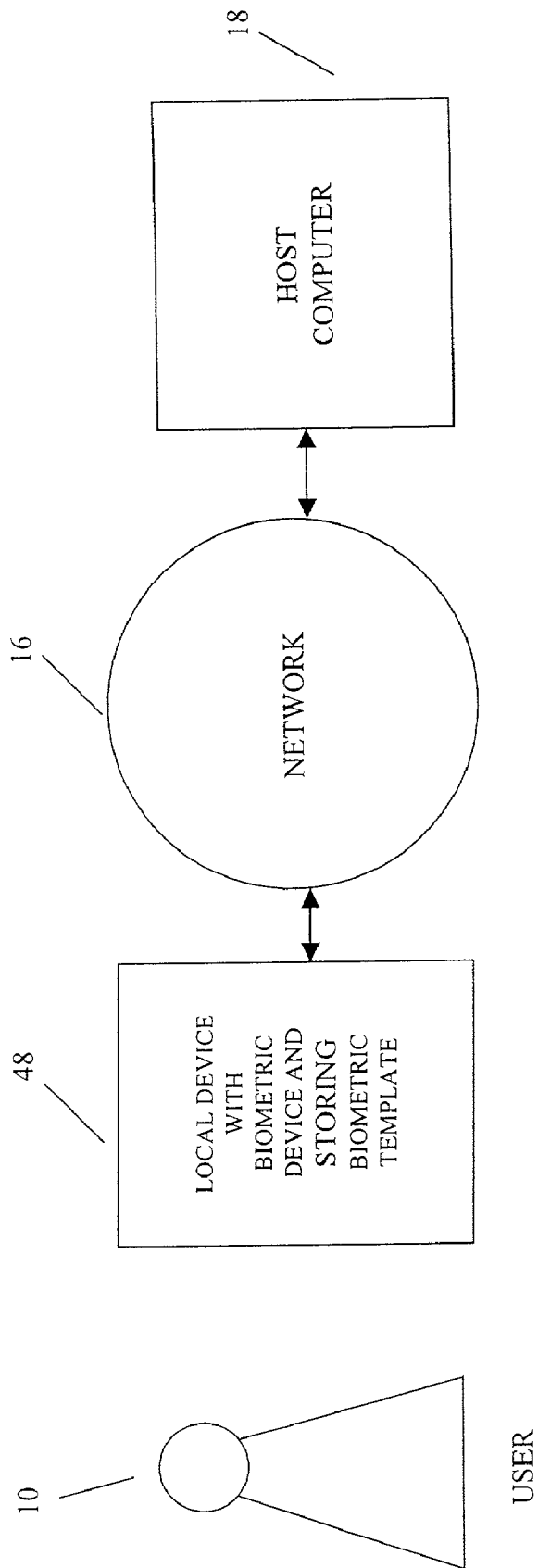


FIG. 3

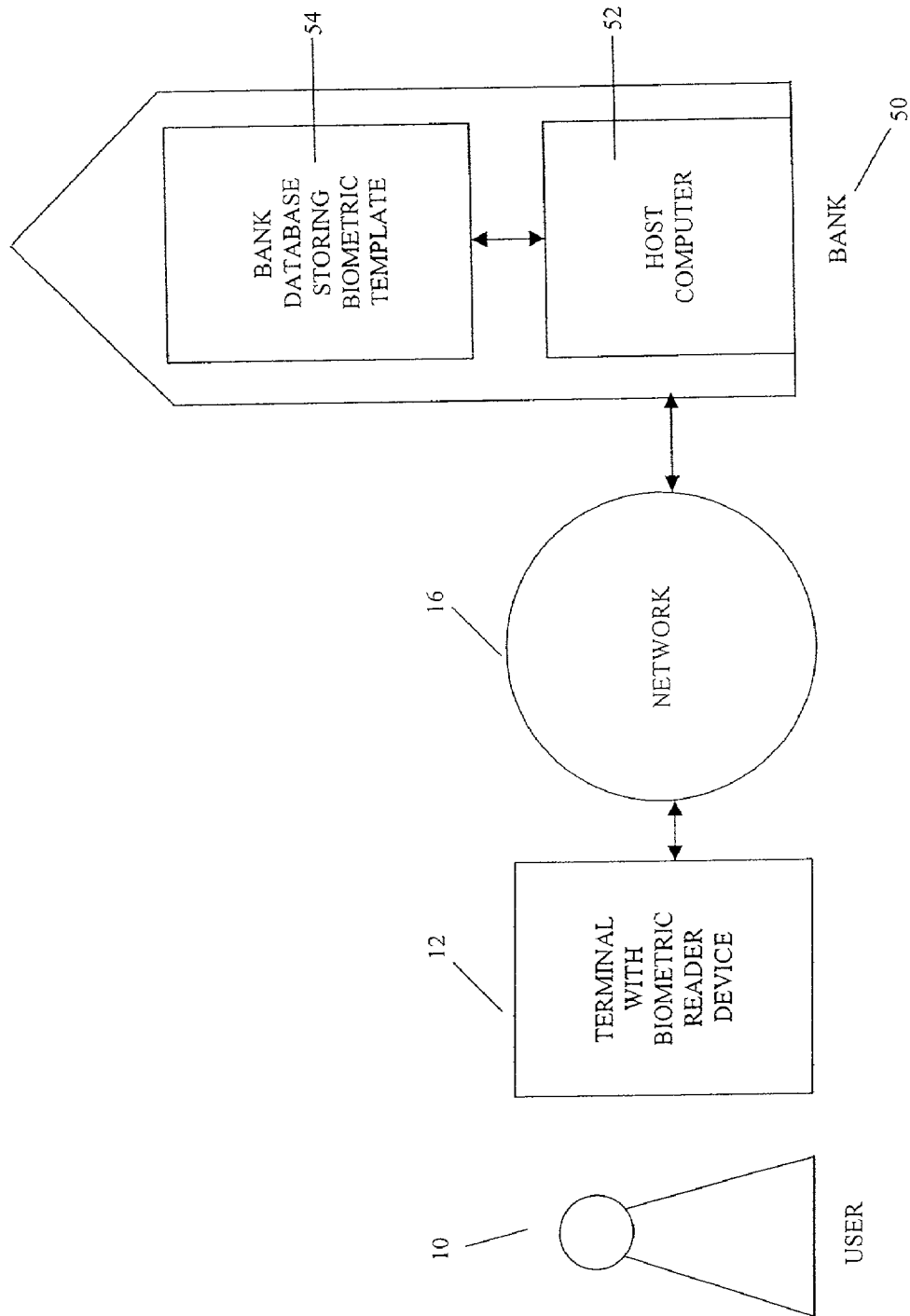


FIG. 4

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.