

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2004/0153649 A1 Rhoads et al.

Aug. 5, 2004 (43) **Pub. Date:**

(54) DIGITAL AUTHENTICATION WITH DIGITAL AND ANALOG DOCUMENTS

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(21) Appl. No.: 10/656,930

(22) Filed: Sep. 4, 2003

Related U.S. Application Data

Continuation-in-part of application No. 10/164,899, filed on Jun. 4, 2002, which is a continuation of application No. 09/198,022, filed on Nov. 23, 1998, now Pat. No. 6,546,112, which is a continuation of application No. 08/763,847, filed on Dec. 4, 1996, now Pat. No. 5,841,886, which is a continuation of application No. 08/512,993, filed on Aug. 9, 1995, now abandoned.

> Continuation-in-part of application No. 09/775,934, filed on Feb. 2, 2001, which is a continuation-in-part of application No. 09/625,577, filed on Jul. 25, 2000.

Continuation-in-part of application No. 09/837,564, filed on Apr. 17, 2001, and which is a continuationin-part of application No. 09/503,881, filed on Feb. 14, 2000, now Pat. No. 6,614,914, which is a continuation-in-part of application No. 09/186,962, filed on Nov. 5, 1998, which is a continuation of application No. 08/649,419, filed on May 16, 1996, now Pat. No. 5,862,260, which is a continuation-in-part of application No. 08/637,531, filed on Apr. 25, 1996, now Pat. No. 5,822,436, which is a continuation-inpart of application No. 08/512,993, filed on Aug. 9, 1995, now abandoned.

(List continued on next page.)

(30)Foreign Application Priority Data

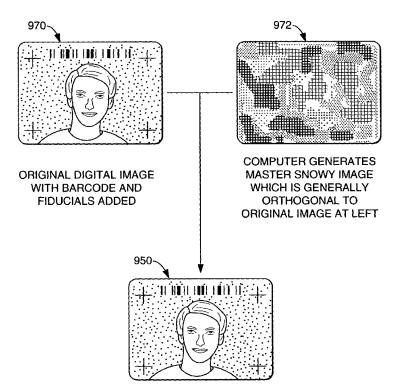
(WO)...... PCT/US96/06618 May 7, 1996

Publication Classification

(51)	Int. Cl. ⁷	H04L 9/00
(52)	U.S. Cl.	

ABSTRACT (57)

The disclosure describes systems for creating and authenticating printed objects using authentication information. Techniques for incorporating authentication information into digital representations of objects and using the authentication information to authenticate the objects are also provided.





Related U.S. Application Data

Continuation-in-part of application No. 09/571,422, filed on May 15, 2000, which is a continuation-in-part of application No. 09/343,104, filed on Jun. 29, 1999, now abandoned, and which is a continuation-in-part of application No. 09/342,688, filed on Jun. 29, 1999, now Pat. No. 6,650,761, and which is a continuation-in-part of application No. 09/343,101, filed on Jun. 29, 1999, and which is a continuation-in-part of application No. 09/314,648, filed on May 19, 1999, now Pat. No. 6,681,028.

Continuation-in-part of application No. 10/011,129, filed on Nov. 9, 2001, which is a continuation of application No. 09/442,780, filed on Nov. 18, 1999, now Pat. No. 6,389,151, and which is a continuation-in-part of application No. 09/074,034, filed on May 6, 1998, now Pat. No. 6,449,377.

Said application No. 10/011,129 is a continuation-inpart of application No. 09/763,847, filed on Feb. 27, 2001, now abandoned, which is a continuation of application No. 08/512,993, filed on Aug. 9, 1995, now abandoned.

Continuation-in-part of application No. 09/465,418,

filed on Dec. 16, 1999.

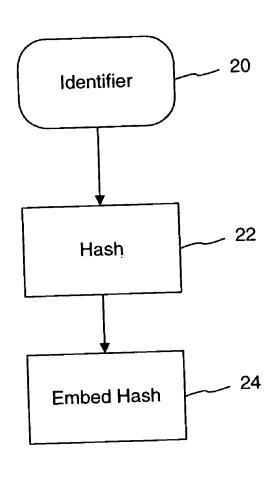
Continuation-in-part of application No. 10/147,228, filed on May 15, 2002, which is a continuation-in-part of application No. 09/670,115, filed on Sep. 26, 2000, now abandoned, and which is a continuation-in-part of application No. 09/563,664, filed on May 2, 2000, now Pat. No. 6,505,160, and which is a continuation-in-part of application No. 09/476,686, filed on Dec. 30, 1999, and which is a continuation-in-part of application No. 08/746,613, filed on Nov. 12, 1996, now Pat. No. 6,122,403, which is a continuation-in-part of application No. 08/649,419, filed on May 16, 1996, now Pat. No. 5,862,260, and which is a continuation-in-part of application No. 08/508,083, filed on Jul. 27, 1995, now Pat. No. 5,841,978.

(60) Provisional application No. 60/198,138, filed on Apr. 17, 2000. Provisional application No. 60/198,849, filed on Apr. 21, 2000. Provisional application No. 60/109,259, filed on Nov. 19, 1998. Provisional application No. 60/112,955, filed on Dec. 18, 1998. Provisional application No. 60/178,028, filed on Jan. 26, 2000. Provisional application No. 60/134,782, filed on May 19, 1999.



FIG. 1

FIG. 2



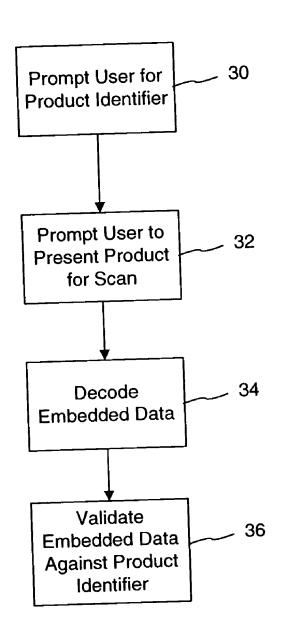
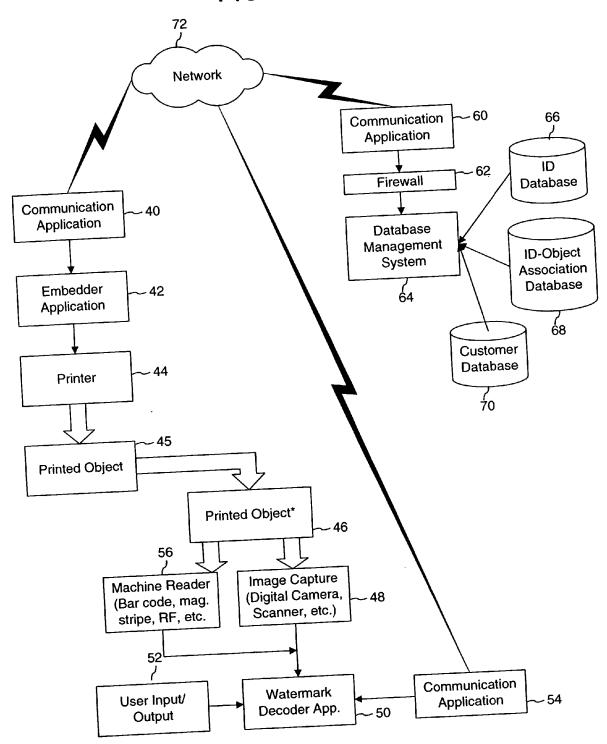


FIG. 3



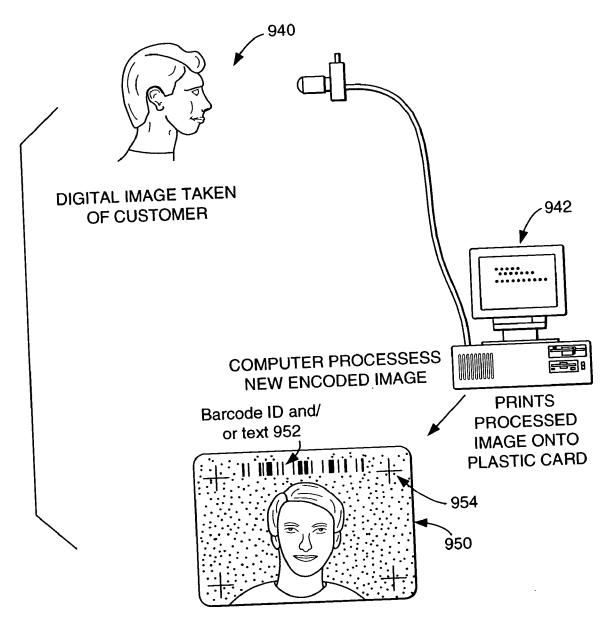


FIG. 4

DOCKET

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