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United States Patent [19] Rhoads

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[54] IDENTIFICATION/AUTHENTICATION SYSTEM USING ROBUST, DISTRIBUTED CODING

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Related U.S. Application Data

- [63] Continuation of Ser. No. 215,289, Mar. 17, 1994, abandoned, which is a continuation-in-part of Ser. No. 154,866, Nov. 18, 1993, abandoned. [51] Int. Cl. G06K 9/36; H04L 9/00 [52] U.S. Cl. 382/232; 380/4; 380/5; 382/100 [58] Field of Search 380/3, 6, 19, 23, 380/26, 49, 54, 55, 4, 10, 51, 5; 379/95; 341/67; 283/73, 113, 83, 82; 116/18; 395/375; 382/232, 100, 276, 112, 115, 135, 181; 381/124, 29, 181; 348/460

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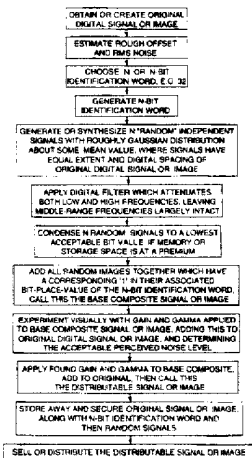
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[57] ABSTRACT

An identification code signal is impressed on a carrier to be identified (such as an electronic data signal or a physical medium) in a manner that permits the identification signal later to be statistically discerned and the carrier thereby identified. The method and apparatus are characterized by robustness despite degradation of the encoded carrier, and by holographic permeation of the identification signal throughout the carrier.

14 Claims, 3 Drawing Sheets



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