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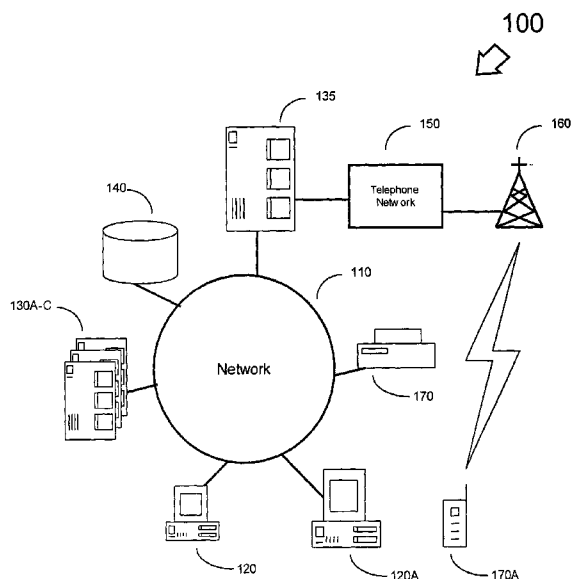
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- (71) Applicant (for all designated States except US): **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **AUCSHITH, David** [US/US]; 6995 SW Labor Road, Portland, OR 97225 (US).  
**SULLIVAN, Robert, Jr.** [US/US]; 6930 Corte Mercado, Pleasanton, CA 94566 (US).
- (74) Agents: **SZE, James, Y., C.** et al.; Pillsbury Winthrop, 1100 New York Avenue, NW, 9th Floor East Tower, Washington, DC 20005 (US).
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(54) Title: METHOD AND APPARATUS FOR USING A CELLULAR TELEPHONE AS AN AUTHENTICATION DEVICE



(57) Abstract: A method and apparatus for authenticating a participant of an electronic transaction. The participant is pre-registered with a caller database, and the participant's wireless telephone number is unique to a particular user. When an authentication server is notified of a transaction, it generates a transaction pin for the transaction participant and forwards the transaction pin to the participant via a network. The participant calls the authentication server via a wireless phone. The authentication server identifies the wireless telephone number and prompts the caller for the transaction pin. When combined with a known transaction pin and a unique wireless telephone number, a wireless phone user can be authenticated as a valid participant of an on-line transaction.



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*