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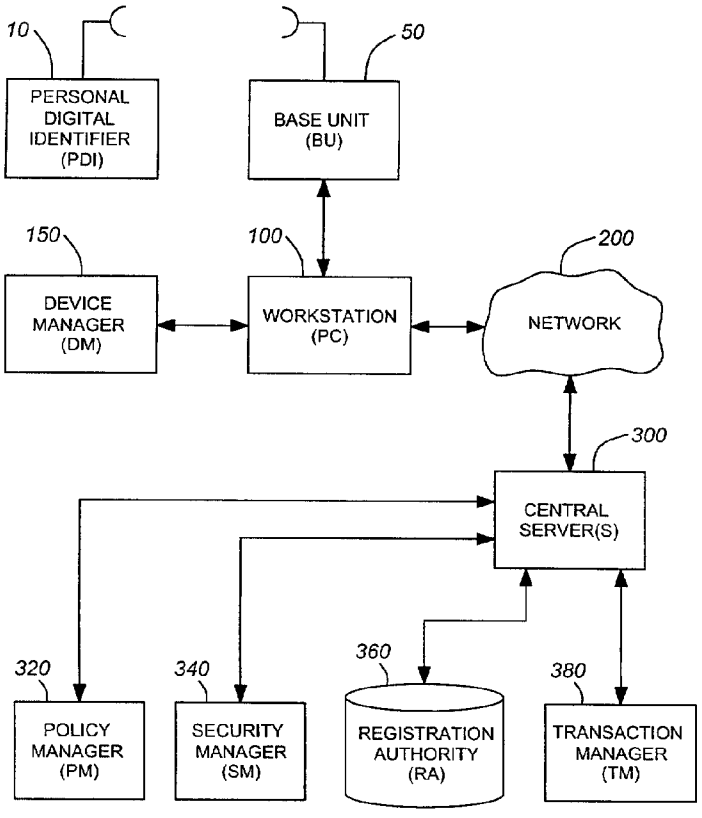
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[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR SECURING A COMPUTER NETWORK AND PERSONAL IDENTIFICATION DEVICE USED THEREIN FOR CONTROLLING ACCESS TO NETWORK COMPONENTS



(57) Abstract: An improved computer network security system and method, and a personal identifier device used for controlling network access. A new user is registered to a portable personal digital identifier device and an input biometric of the user is received and securely maintained in storage. A private key is also generated and securely maintained in the storage. When the personal digital identifier device is within an envelope area proximate the workstation a first signal is transmitted from a base unit associated with the workstation to the personal digital identifier device and the personal digital identifier device automatically transmits a response signal establishing communications between the base unit and the personal digital identifier device. A digitally and biometrically signed challenge response message is produced and transmitted by the personal digital identifier device.

WO 02/061550 A2

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

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