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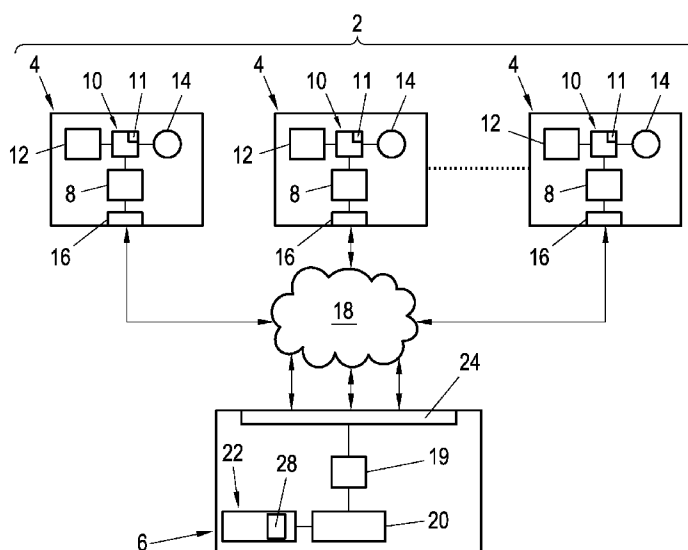
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: SECURE UPGRADE OF A MOBILE DEVICE WITH AN INDIVIDUAL UPGRADE SOFTWARE OVER THE AIR



(57) Abstract: The invention concerns a method for securely upgrading a mobile device (4) with an individual upgrade software (28), the individual upgrade software (28) remaining unusable by a mobile device (4) as long as the individual upgrade software (28) has not been activated. The method comprises: - transmitting its unique identification number to the mobile device management apparatus; - calculating a mobile device encryption identity and a management apparatus encryption identity; - transmitting only the individual upgrade software (28) and the calculated management apparatus encryption identity; - the mobile device calculating an activation encryption identity and an activation decryption identity; - comparing the calculated activation decryption identity to the activation encryption identity; and - activating the individual upgrade software (28) for use by the mobile device (4) as a result of a positive comparison.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. G06F9/445 H04L9/32 H04L9/30

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, IBM-TDB, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/45768 A (NORTHERN TELECOM LTD [CA]) 15 October 1998 (1998-10-15) page 1, line 1 - page 5, line 32 page 8, line 22 - line 30 -----	1-7
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X	US 5 956 408 A (ARNOLD TODD WESTON [US]) 21 September 1999 (1999-09-21) column 1, line 7 - column 5, line 60 -----	1-7



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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