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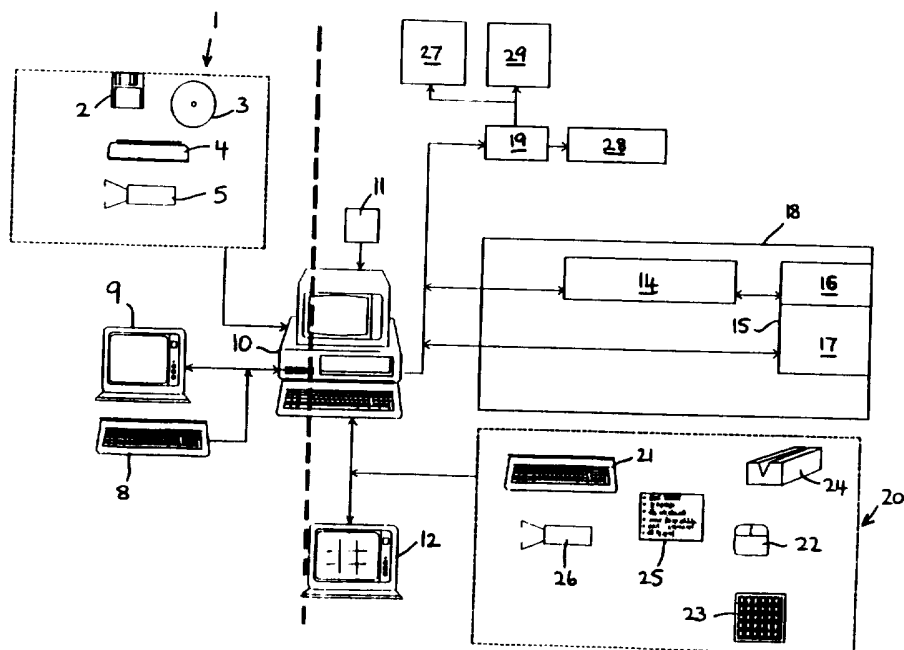
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9125540.6 30 November 1991 (30.11.91) GB(71)(72) Applicant and Inventor: DAVIES, John, Hugh, Evans
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(54) Title: PERSONAL IDENTIFICATION DEVICES AND ACCESS CONTROL SYSTEMS



(57) Abstract

A lock (19) which by physical or logical means controls human access to an objective (29) such as a restricted area or a computer system is controlled by a data processing system (10) which has access to a store of authorised users (14) and a store of complex images (15), specifically images of human faces. Each authorised user knows certain ones of the complex images, and these key images are linked to an identity statement unique to that user. On receipt of an identity statement signifying an authorised user, a matrix of images including the key images is presented to the user on a display (12), and by means of a suitable input device (20) the user must identify which images are his key images in order to confirm authorisation and be permitted access. The user and image stores (18) may be carried in credit card form as a section of an optical disk. The high security of the system results from the inability of a person to communicate adequately to another the ability to recognise a third person or other complex image.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 92/02220

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶		
According to International Patent Classification (IPC) or to both National Classification and IPC		
Int.Cl. 5 G07C9/00		
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
Int.Cl. 5	G07C ; G07F	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT⁹		
Category ⁹	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
X	GB,A,2 058 417 (GAO) 8 April 1981 see page 1, line 39 - page 2, line 31 see page 3, line 81 - page 4, line 53 see claims; figures	1,6-8, 12,13 17,18
Y		2-5,11, 14,15 9,10,16
A		
Y	--- GB,A,2 112 190 (OMRON TATEISI) 13 July 1983 see page 1, line 121 - page 3, line 21 see page 3, line 66 - page 4, line 60 see page 9, line 55 - page 10, line 5 see figures	2-5
A		1,6, 13-15
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IV. CERTIFICATION		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
26 APRIL 1993	24. 05. 93	
International Searching Authority	Signature of Authorized Officer	
EUROPEAN PATENT OFFICE	MEYL D.	

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
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A	---	1,6,10, 13-15
Y	PATENT ABSTRACTS OF JAPAN vol. 6, no. 32 (E-096)26 February 1982 & JP,A,56 149 880 (MITSUBISHI) 19 November 1981 see abstract	14,15
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**ANNEX TO THE INTERNATIONAL SEARCH REPORT
ON INTERNATIONAL PATENT APPLICATION NO.**

GB 9202220
SA 69752

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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