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54 Automatic identification apparatus.

57 An identification system is provided wherein one senses the position of optically significant features along the length of one or more fingers, such as the length and/or the optical characteristics of the under surface of one or more fingers. The finger to be measured is placed over a slot (18 - 24) on the sensing device and at least a portion of the under surface of the finger is illuminated. A light pick-up device (42) under the slot determines the position of optically significant features by means of light reflected from the finger.

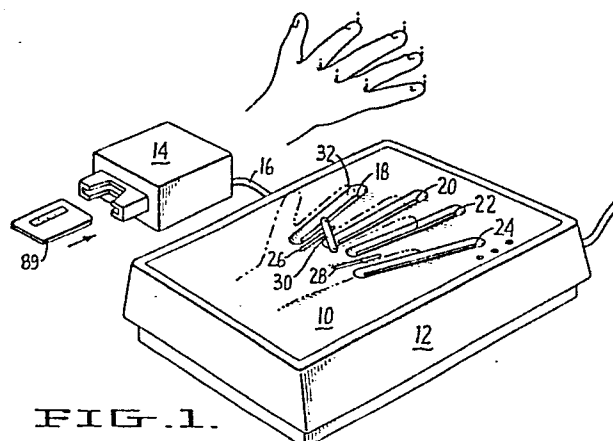


FIG. 1.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
X	US-A-3 614 737 (C. SADOWSKY) * Abstract; figures; column 5, line 42 - column 9, line 18 *	1,2,6,13	G 07 C 9/00 A 61 B 5/10
A	---	9,11,12	
X	US-A-4 032 889 (E.G. NASSIMBENE) * Abstract; figures; column 1, line 52 - column 2, line 21; column 5, line 49 - column 6, line 57 *	1-3,6,12,13	
A	---	5,7,9,11,14	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
A	US-A-3 668 633 (C. SADOWSKY) * Abstract; figures 1,4-6; column 6, lines 11-75 *	1,2,6,11,13	G 07 C A 61 B G 07 F
A	US-A-4 236 082 (M.D. BUTLER)		
A	US-A-4 003 656 (S.R. LEVENTHAL)		
A	US-A-3 801 823 (J.A. KORN)		
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-03-1985	Examiner DAVID J.Y.H.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
A	US-A-3 585 594 (F.N. SCHWEND)		

A	US-A-3 639 905 (K. YAIDA)		

			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
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