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(21) International Application Number: PCT/BR96/00050 (22) International Filing Date: 18 November 1996 (18.11.96) (30) Priority Data: MU 7502714 23 November 1995 (23.11.95) BR (71)(72) Applicant and Inventor: GUSMÃO, Marcos de Brito [BR/BR]; Apartamento 62, Rua Barão de Capanema, n° 98, 01411-010 São Paulo, SP (BR).	(81) Designated States: CA, JP, MX, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: IMPRESSCARD (57) Abstract Request for the Privelege of Utilization Model "Impresscard". Patent for the utilization model "Impresscard", being a magnetic card with fingerprint, which utilizes a magnetic card made of plastic or similar material, and which has a fingerprint affixed by the usage of a thermodynamic system (or similar) anywhere on the card.		

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Descriptive Statement Requesting the Privelege of Patent for the "IMPRESSCARD" Utilitarian Model.

A Utilitarian Model is any modification that occurs in any well known object (tool, working instrument or utensil) that
5 fulfills the following conditions:

- a) it be characterized by a new form or arrangment given to the original, or, to one or more of its components;
- b) it results in better usage of the original.

The Utilitarian Model which is introduced here is based on
10 item b, as refered to above, and was developed based on the magnetic cards widely used by banks, credit card companies , access etc. systems.

The evolution of these cards consits in implementing the users fingerprint on the card, in a pre-determined space, with
15 the intent of restraining any possibility of fraud when using the card.

In the drawing that accompanies this statement an idea is gi
ven (in 1:1 scale) of a simplyfied form of usage, with the appropriate space for the fingerprint clearly shown. The
20 system uses an optical decodifier of fingerprints already on the big market, and is used to confer authencity to the users identity.

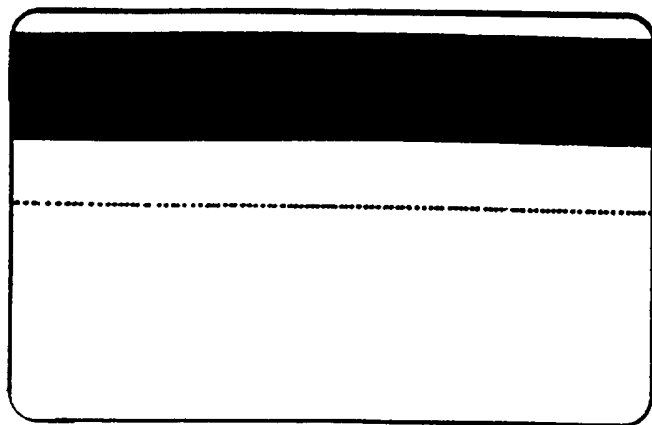
As can be seen, with the implementation of a fingerprint on the magnetic card (or similar) we are insured of its securi-
25 ty, both for the user as well as the banking, credit, etc. establishment, reducing, if not eliminating, possibilities of fraud or malicious usage of magnetic cards.

CLAIMS

1- "IMPRESSCARD" as shown in fig. 1 is a magnetic card made of plastic, or similar, used in banking, credit cards, access, etc. systems, and is characterized by the users fingerprint any where on the card, inclusive of the magnetic band, with the intent of inhibiting fraudes.

2- "IMPRESSCARD" in accordance with claim 1 is characterized by a plastic magnetic card or similar, which uses a thermodynamic printer (or similar) already on the market, to affix the fingerprint.

3- "IMPRESSCARD" in accordance with claims 1 and 2 is characterized as being a magnetic card (or similar) with a fingerprint which is used with a payment access terminal and uses a fingerprint as password. The payment or access terminal is equipped with imprinted microprocessing and digital logic circuit which compares the fingerprints and insures the authenticity of the user.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/BR 96/00050

A. CLASSIFICATION OF SUBJECT MATTER		
IPC ⁶ : G 06 K 9/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC ⁶ : G 06 K; G 07 B; G 07 C; A 61 B		
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 practicable, search terms used)		
WPIL		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/25 938 A1 (BIOMETRIC) 10 November 1994 (10.11.94), totality; especially abstract, page 7, lines 1-17; page 35, line 1 - page 36, line 9; fig.1-4,38.	1,3
A	US 5 180 901 A (HIRAMATSU) 19 January 1993 (19.01.93), claims 1-2; fig.1-11.	1,3
X	US 4 983 415 A (ARNDT et al.) 08 January 1991 (08.01.91), totality; especially claim 1.	1,2

<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
27 February 1997 (27.02.97)		06 March 1997 (06.03.97)
Name and mailing address of the ISA/ AT AUSTRIAN PATENT OFFICE Kohlmarkt 8-10 A-1014 Vienna Facsimile No. 1/53424/535		Authorized officer Bistrich Telephone No. 1/53424/375

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In Recherchenbericht angeführtes Patentdokument Patent document cited in search report Document de brevet cité dans le rapport de recherche	Datum der Veröffentlichung Publication date Date de publication	Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets	Datum der Veröffentlichung Publication date Date de publication
WD A1 9425938	10-11-94	AU A1 65756/94 CN A 1125007 EP A1 699325 GB A0 9308665 JP T2 8509562	21-11-94 19-06-96 06-03-96 09-06-93 08-10-96
US A 5180901	19-01-93	JP A2 4024889	28-01-92
US A 4983415	08-01-91	keine - none - rien	