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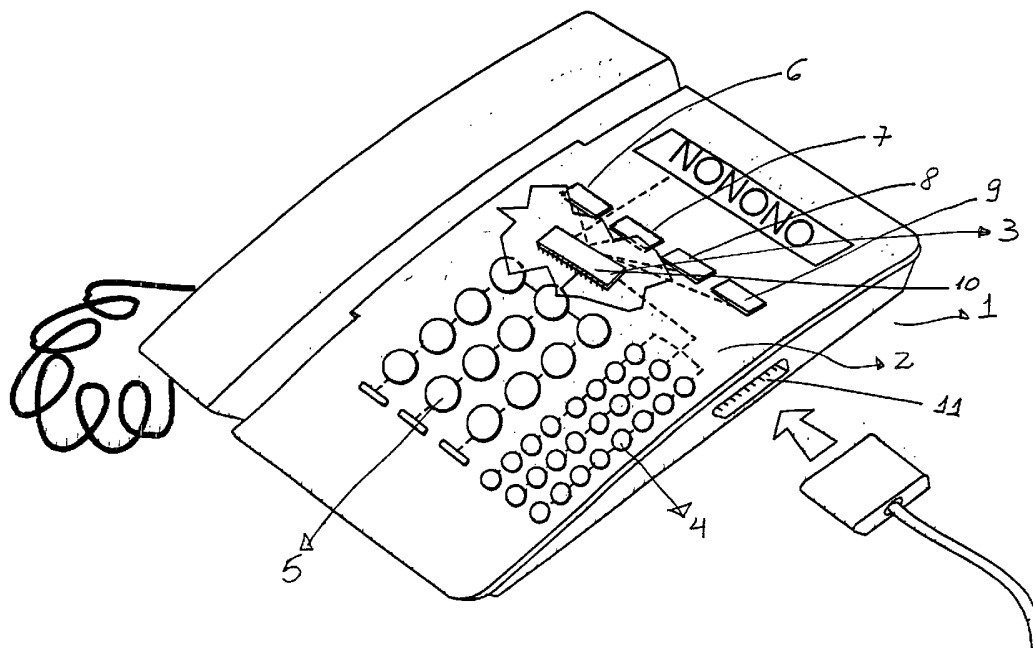
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) **Title:** DISPOSITION OF APPLIED CALENDAR IN TELEPHONE RECEIVER



(57) **Abstract:** Telephone receiver with a calendar of telephone numbers and names stored in the memory, in agreement with the entrance of data for its user through a key at the beginning of operation, which initiates the system and the storage of the number and the name corresponding to the number of the telephone typed by alphabetical and numeric keys of the keyboard. The memory can be accessed by pressing the corresponding key, obtaining all the wanted information: to find a certain telephone number; to seek a certain name and etc.: A restore/delete key is used for the alteration of stored informations.



WO 03/107635 A1

1 **“DISPOSITION OF APPLIED CALENDAR IN TELEPHONE**
2 **RECEIVER”.**

3 DISCLOSURE OF THE MODEL

4 It refers the present object to an unpublished and versatile telephone
5 receiver model with a calendar of telephone numbers for they be stored in the
6 memory, in agreement with the entrance of data for its user through the key at
7 the beginning of operation, where it is initiate the system and the storage of
8 the numbers and name corresponding to the number of the telephone typed in
9 the keyboard numeric alpha. The information are stored in a memory that can
10 have access when it work's the corresponding key, obtaining all the wanted
11 information: to find a certain telephone number; to seek a certain name and
12 etc.; in case the alteration is determined of some stored information it has
13 access the to restore/delete command, where the information or delete can be
14 recuperated.

15 The present object is destined to facilitate the storage of information
16 and of use of a calendar of telephones, for they be the information stored in
17 the own telephone apparel, starting from an understood apparel of an
18 electronic calendar, provided of access keys, as: alphabetical keys of the Z,
19 numeric keys from 1 to 0, type of command entrance, restore/delete key a
20 command, access key the memory and a key at the beginning of operation of
21 commands, everybody connected to a control chip and operation of the system.
22 The storage system and access the information, as well as recuperating and
23 delete information, are management and commanded by a chip that makes all
24 the operations as soon as the keys of the system through a software they be
25 worked, in agreement with each one of its functions. In case its user wants to
26 transfer the stored information, for its safety as a backup or to possess them in
27 another apparel, the apparel is provided of an entrance for cable external type "
28 pc-micia " where the information are transferred for a software program similar

1 to the contained in the system, so that it can accept the information in the
2 order and sequence of commands that originally they were register.

3 Extinguishing this way several inconveniences, such as of storing
4 information in paper calendars or hand electronics, that invariably are never
5 close of a phone, besides extinguishing the problem caused by some provided
6 telephone apparels of keys of memory to store telephone numbers that don't
7 possess the call of the respective name, causing the loss of the information if I
8 marry another person that not who registered wants to make the connection for
9 that number. Besides the constant memorizes in the conventional apparels be
10 of little load, not having space for storage of all the numbers wanted by the
11 user.

12 BRIEF DESCRIPTION OF THE DRAWINGS

13 For a perfect visualization and understanding of the **"DISPOSITION**
14 **OF APPLIED CALENDAR IN TELEPHONE RECEIVER"**, in subject it
15 follows illustrative copies, where:

16 Fig. 1 - it presents a view in perspective of the object in subject.

17 In agreement with the illustration and in its details, the
18 **"DISPOSITION OF APPLIED CALENDAR IN TELEPHONE**
19 **RECEIVER"** for now in subject, it is characterized by being constituted of a
20 telephone receiver (1) possessing a calendar of telephone numbers (2) stored
21 in the memory (3), provided of the alphabetical keys of THE Z (4), of numeric
22 keys from 1 to 0 (5), of key of command entrance (6), of restore/delete key a
23 command (7), of access key the memory (8) and a key at the beginning of
24 operation of commands (9), everybody connected to a control chip and
25 operation of the system (10), still possessing an entrance for cable external
26 type " pc-micia " (11) to enter or to remove information for another apparels.

27 Evidently, they can be conceived other models with forms, dimensions,
28 colors and several materials, even so, preserving the scope of the current
29 developed idea and I object of the present request.

1 For the advantages that he, offers and for covering truly of
2 characteristics innovative, the **“DISPOSITION OF APPLIED**
3 **CALENDAR IN TELEPHONE RECEIVER”** gathers the necessary
4 conditions to deserve the Privilege of Patent of Utility Model.

CLAIMS

1
2 1a) **“DISPOSITION OF APPLIED CALENDAR IN TELEPHONE**
3 **RECEIVER”** is characterized by being constituted of a telephone receiver (1)
4 possessing a calendar of telephone numbers (2) stored in the memory (3),
5 provided of the alphabetical keys of the Z (4), of numeric keys from 1 to 0 (5), of
6 key of command entrance (6), of restore/delete key a command (7), of access key
7 the memory (8) and a key at the beginning of operation of commands (9),
8 everybody connected to a control chip and operation of the system (10), still
9 possessing an entrance for cable external type " pc-micia " (11) to enter or to
10 remove information for another apparels.
)

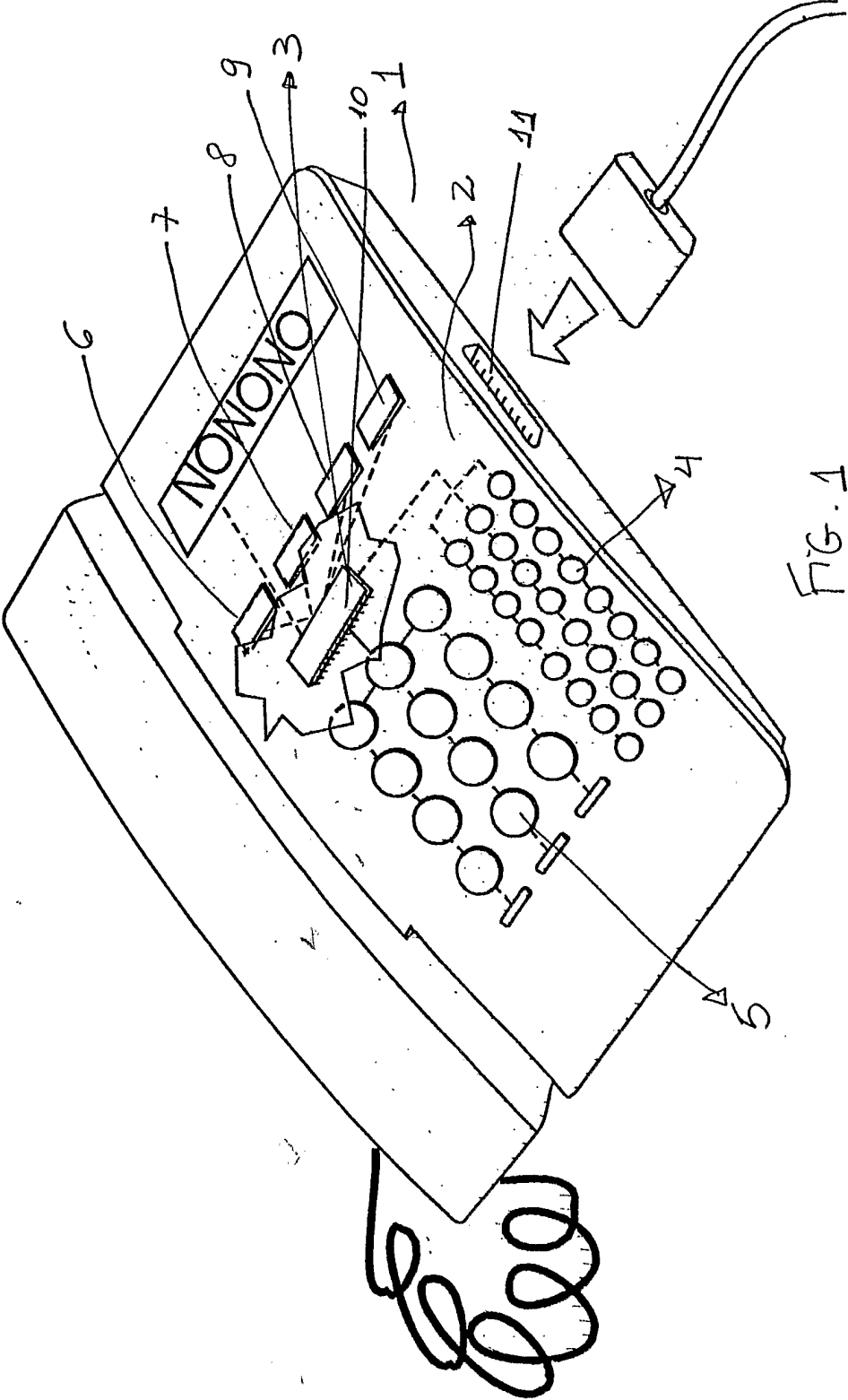


FIG. 1

INTERNATIONAL SEARCH REPORT

International application No.
PCT/BR 00/00046

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H04M 1/274

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)

IPC⁷: H04M

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)

WOI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0570116 A1 (NOKIA MOBILE PHONES LTD.) 18 November 1993 (18.11.93) abstract; page 2, line 1 to page 5, line 18, fig. 1-3.	1
A	EP 0469546 A2 (NEC CORPORATION) 5 February 1992 (05.02.92) column 2, line 49 to column 6, line 42; fig. 1-5.	1
A	EP 0398711 A2 (NEC CORPORATION) 22 November 1990 (22.11.90) column 3, line 3 to column 4, line 22; fig. 1-5. ----	1

☐ Further documents are listed in the continuation of Box C.

☒ 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 application or patent 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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/BR 00/00046

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
EP	A2	398711	22-11-1990	CA	AA	2016859	18-11-1990
EP	A3	398711	04-12-1991	CA	C	2016859	28-06-1994
EP	B1	398711	15-03-1995	HK	A	848/97	27-06-1997
				JP	A2	2305049	18-12-1990
				JP	B2	2911913	28-06-1999
				KR	B1	9403843	03-05-1994
EP	A2	469546	05-02-1992	AU	A1	81497/91	06-02-1992
EP	A3	469546	02-06-1993	AU	B2	642517	21-10-1993
				CA	AA	2048033	31-01-1992
				JP	A2	4086143	18-03-1992
				JP	B2	2906609	21-06-1999
EP	A1	570116	18-11-1993	DE	C0	69321283	05-11-1998
EP	B1	570116	30-09-1998	DE	T2	69321283	12-05-1999
				GB	A0	9210064	24-06-1992
				GB	A1	2266797	10-11-1993
				GB	B2	2266797	14-06-1995
				US	A	5977887	02-11-1999