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**Declarations under Rule 4.17:**

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

**Published:**

- with international search report (Art. 21(3))

(88) Date of publication of the international search report:  
24 December 2014

(54) Title: A SYSTEM INTEGRATED WITH COMMUNICATING DEVICE FOR MEDICAL ANALYSIS OF BIOLOGICAL MATTER

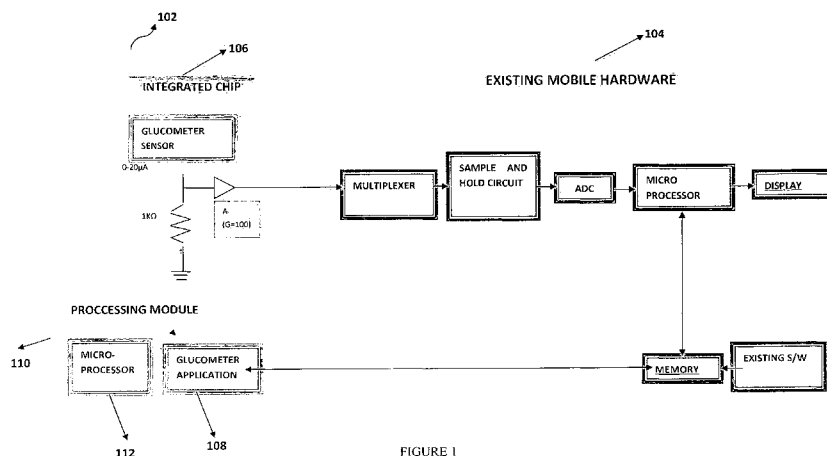


FIGURE 1

(57) Abstract: The present invention provides a system comprising a measuring device miniaturized into a single integrated chip (IC) within a communicating device for performing a medical analysis of biological matter of a user. The IC chip senses the biological matter and further analyzes the desired medical reading in the biological matter. The communicating device comprises a processing module including an application related to the measuring device which can be run on the communicating device. With the help of the application, the working principle of glucometer can be used to analyze various other blood components. All tests can be done by a single IC chip which is incorporated in the communicating device. A user may select a desired medical analysis and get readings for the selected medical analysis. The application enables the communicating device to call a concerned person for a user when reading analyzed is beyond the normal values.



## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IN2014/000297

A. CLASSIFICATION OF SUBJECT MATTER  
A61B5/00,G01N33/48,G06F19/00 Version=2014.01

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)

A61B, G01N, G06F

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)

Databases: Questel, IPO Internal Database

Keywords: mobile,phone,blood,glucose,terminal,communication, sensor, ADC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005039065 A1 (KIM YOON NYUN) 28 APRIL, 2005 Abstract, Fig 2, claims 1,3,13, pages 5,10-13	1-17
X	US2009117861 A1 (HOEFEL GUILHERME LUIZ KARNAS et al.) 7 may, 2009 abstract, claim 1, claim 13, para 0021, para 0028	1-17
X	WO 2003094713 A1 (Min-Hwa Lee, Moon-Soo Kim) 20 Nov, 2003 claims 1,3,5, pages 4-8,9 and fig 5	1-17
X,D	WO 2005079664 A1 (Edward Henry Mathews) 1 Sep, 2005 whole document	1-17

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	"I" 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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

Date of the actual completion of the international search 29-08-2014	Date of mailing of the international search report 29-08-2014
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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IN2014/000297**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: 18-24  
because they relate to subject matter not required to be searched by this Authority, namely:  
The subject matter of claims 18-24 relates to a method for diagnosis of the human or animal body, which does not require an international search by the International Searching Authority in accordance with PCT Article 17(2)(a)(i) and [Rule 39.1(iv)].
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.