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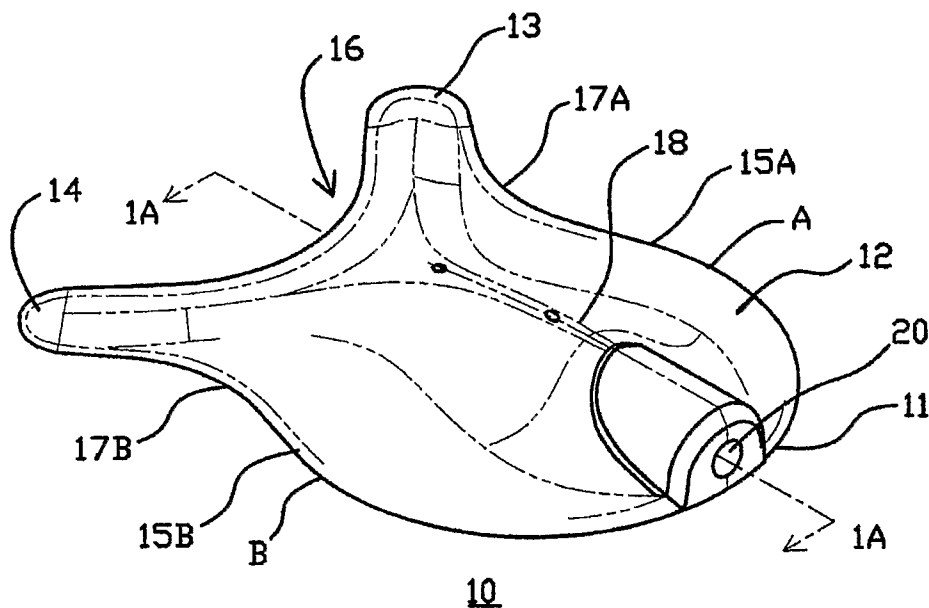
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[Continued on next page]

(54) Title: PATIENT INTERFACE FOR SPECTROSCOPY APPLICATIONS



(57) Abstract: A patient interface and method of locating the patient interface for use particularly in spectroscopy applications. The patient interface includes a concave region and first and second convex regions. A wing extends from the concave region to help locate the patient interface properly. The convex regions provide additional adhesion support, particularly when used on the thenar eminence. The patient interface may be placed in a number of locations on a patient to determine an optimum location for measurement prior to affixing the interface to the patient.



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INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER

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ADD. G01N21/35

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

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 practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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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
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- "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
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- "&" document member of the same patent family

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International application No  
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	abstract	27
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International application No

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB2006/001672

## Box 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.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
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 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:

see additional sheet

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 an additional fee, this Authority did not invite payment of any additional fee.
  
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.
- No protest accompanied the payment of additional search fees.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5

Directed to a structure for aiding in the measurement of an attribute of tissue comprising a light guide means. A contribution to the art might reside in the feature of light guide means to solve the problem of reliable light transmission to and collection from a patient.

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2. claims: 6-18,24-30

Directed to a patient interface for location on or attachment to the body and a method of its use. A contribution to the art might reside in adaption to be located on or attached to a patient to solve the problem of performing measurements without restricting blood flow to the area being measured.

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3. claims: 19-23

Directed to a method of locating a patient interface to achieve a threshold reading. A contribution to the art might reside in the feature of moving the interface on the tissue until a desired threshold is achieved to solve the problem of obtaining a useful signal despite variable patient-to-patient characteristics.

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2006/001672

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