Abstract: An electronic pen has a casing (60, 61) and a tip (6) to be put on a surface (S). The pen includes a positioning module for detecting the position of the tip (6) on the surface, and an audio module configured to output signals responsive to the detected position of the tip on the surface. The modules form a unitary component mounting unit (23) contained within the casing (60, 61). The pen also has: an audio box with a speaker, means for connecting the modules, and a locking arrangement for locking the casing.
(88) Date of publication of the international search report:
25 October 2007

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.
A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet

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: G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tbody>
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</tbody>
</table>

D 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

"T" document published prior to the international filing date but later than the priority date claimed

"D" 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

"A" document member of the same patent family

Date of the actual completion of the international search

15 June 2007

Date of mailing of the international search report

01-08-2007

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Tomas Erlangsson/ITW

Telephone No. +46 8 782 25 00

Form PCT/ISA/210 (second sheet) (April 2007)
International patent classification (IPC)
G06F 3/16 (2006.01)
G06F 3/033 (2006.01)

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Use the application number as username.
The password is PBTVDICRRU.

Paper copies can be ordered at a cost of 50 SEK per copy from
PRV InterPat (telephone number 08-782 28 85).

Cited literature, if any, will be enclosed in paper form.
INTERNATIONAL SEARCH REPORT

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

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Claims Nos because they relate to subject matter not required to be searched by this Authority, namely</td>
</tr>
<tr>
<td>2</td>
<td>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</td>
</tr>
<tr>
<td>3</td>
<td>Claims Nos because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 64(a)</td>
</tr>
</tbody>
</table>

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

The following separate inventions were identified:

1: Claims 1-33 relate to an electronic pen with a positioning module and an audio module.

<table>
<thead>
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<th>No.</th>
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<tr>
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<td>As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims</td>
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<tr>
<td>2</td>
<td>As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee</td>
</tr>
<tr>
<td>3</td>
<td>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</td>
</tr>
<tr>
<td>4</td>
<td>☒ 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 1 - 3 3</td>
</tr>
</tbody>
</table>

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

Form PCT/ISA/2 l0 (continuation of first sheet (2)) (Apr 2007)
2: Claims 34-36 relate to an audio module for an electronic pen and a pen with such a module.

3: Claim 37 relate to a mounting unit for an electronic pen.

4: Claim 38 relate to a locking arrangement for an electronic pen.

The four groups of inventions lack any common special technical features avoiding prior art. Thus, inventions 1-4 a priori lack unity of invention. The search has been directed to the first mentioned invention defined by claims 1-33.
<table>
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<td>WO</td>
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