(54) Title: USER AUTHORIZATION SYSTEM AND METHOD FOR A SEDATION AND ANALGESIA SYSTEM

(57) Abstract: The present invention (22) comprises a security system integral with a sedation and analgesia system. The invention (22) includes a computer assisted IV drug infusion administration device coupled with a secure user interface (12), or other security means, that can restrict and monitor user access to prevent unauthorized or improper use of the device. The system can also provide varying levels of access to the device so that different users (13) may have different levels of access to system operations. The variety of access levels may prevent accidental or intentional misuse of the system, while still permitting access to the required functionality. Data, such as usage statistics and procedural events associated with drug delivery, may be recorded in association with a user’s personal identification information to help identify training needs and to identify possible misuse of access information.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : G06F 17/60
US CL : 705/2
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)
U.S. : 705/2,3; 604/67

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)
See Continuation Sheet

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>
</thead>
<tbody>
<tr>
<td>Y.P</td>
<td>US 6,519,569 B1 (WHITE et al) 11 February 2003, col. 4, lines 44-col. 9, line 27.</td>
<td>1-20</td>
</tr>
<tr>
<td>A</td>
<td>US 5,401,059 A (FERRARIO) 28 March 1995, col. 3, line 9-col. 5, line 28</td>
<td>1-20</td>
</tr>
<tr>
<td>A</td>
<td>US 6,188,570 A (BORKOWSKI) 13 February 2001, col. 2, line 29-col. 6, line 19</td>
<td>1-20</td>
</tr>
</tbody>
</table>

☐ 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

Date of the actual completion of the international search: 30 September 2003 (30.09.2003)

Name and mailing address of the ISA/US:

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
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Facsimile No. (703)305-3230

Date of mailing of the international search report: 10 DEC 2003

Authorized officer: [Signature]
Joseph Thomas
Telephone No. (703)308-1113

Form PCT/ISA/210 (second sheet) (July 1998)
Continuation of B. FIELDS SEARCHED Item 3:
EAST: (authenticate/ authorization/ verification/secure access); medication/ narcotic/drug/controlled substance/
sedative/analgesia/anesthetic or anesthesia); (delivery/ iv/ intravenous/administer); (pump/device)