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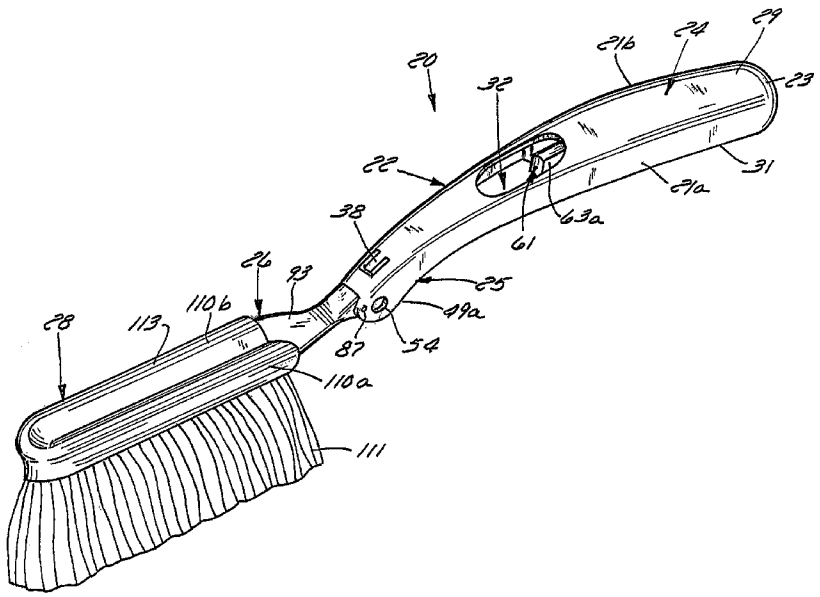
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5 April 2007

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.

(54) Title: CLEANING PAD FOR WET, DAMP OR DRY CLEANING



(57) Abstract: A cleaning pad (28) is disclosed. The cleaning pad (28) includes a base sheet (202) bonded to a fiber mat (203) and exhibits improved debris retention when a liquid is applied to the pad (28) or the surface to be cleaned. The pad (28) is preferably used with a cleaning system that includes a fluid source (30) in communication with a cleaning tool (22) such that fluid may be selectively applied to a surface to be cleaned or directly to the fiber mat (203) of the cleaning pad (28).

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2006/017273

A. CLASSIFICATION OF SUBJECT MATTER
INV. A47L13/38 A47L13/26

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)
A47L

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/148061 A1 (TANAKA YOSHINORI ET AL) 17 October 2002 (2002-10-17)	1,3-10, 16, 34-36, 39,40
Y	paragraph [0040] - paragraph [0041]; figures	25
X	US 2 147 769 A (EPSTEIN RALPH C) 21 February 1939 (1939-02-21)	1,2,35
Y		25
E	US 2006/171767 A1 (HOADLEY DAVID A [US] ET AL) 3 August 2006 (2006-08-03) paragraph [0065] - paragraph [0081]; claims; figures	1,2,7,8, 10,24,35

☐ 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 document 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	Date of mailing of the international search report
12 December 2006	27/12/2006

Name and mailing address of the ISA/	Authorized officer
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2006/017273

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.:

1-10, 16, 24-26, 34-36, 39, 40

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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1, 2, 6-10, 16, 24-26, 34, 35, 39, 40

   Cleaning system and method in which a cleaning fluid is selectively applied on a pad or the surface to be cleaned

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2. claims: 1, 3-5, 36

   Cleaning pad in which a fiber mat is bonded to a base sheet along a central bonding line

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3. claims: 1, 11-14

   Cleaning pad with fiber mat made by bonding two or more fiber mats

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4. claims: 1,15

   Cleaning pad with indicia for indicating the orientation of the pad in relation to the cleaning tool

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5. claims: 1, 17

   Cleaning pad in which the fibers are tapered

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6. claims: 1, 18, 19, 21

   Cleaning pad in which the fibers are noncylindrical

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7. claims: 1, 20

   Cleaning pad with fibers of a polymer that allows spontaneous transport of aqueous fluids

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8. claims: 1, 22, 23, 28, 33

   Cleaning pad including means to increase the absorbency

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9. claims: 25, 27

   Dusting pad wherein the fiber mat comprises a spun lace cloth with mineral oil

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10. claims: 25, 29, 30, 38

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Dusting pad with means for expanding the volume of the fiber mat

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11. claims: 25, 31, 32

Dusting pad including a chemical agent that increases the efficacy of the pad for dust

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12. claims: 35, 37

Method of using a dusting pad which comprises using a fiber mat comprised of a bi-component tow fiber

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US2006/017273

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