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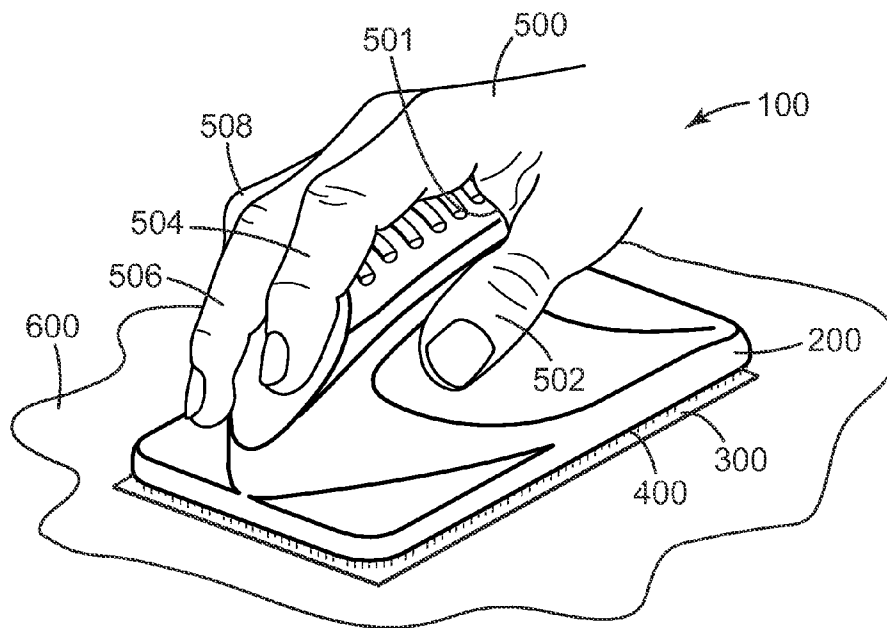
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[Continued on next page]

(54) **Title:** HAND-HELD CLEANING TOOL ASSEMBLY



(57) **Abstract:** The disclosed cleaning tool assembly (100) for cleaning a hard kitchen surface includes a cleaning tool (200) and a wiping substrate (300). The cleaning tool is a unitary cleaning tool having a base portion (210), a handle portion (250), and a neck portion (230) connecting the base portion to the handle portion. The base portion includes a planar, rigid working surface (212). The handle portion includes an upper convex surface (252) that forms an upper portion of the cleaning tool whereby the upper convex surface engages with the palm of a hand (500). The neck portion is recessed from both the base portion and the handle portion. The neck portion engages with the fingers of a hand. The wiping substrate is removably attached to the working surface.

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PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))*

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. **A47L13/16** **A47L17/08**

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 B24D

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 , WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 003 659 A (PAEPKE EDWIN E [US]) 2 April 1991 (1991-04-02) column 2, line 35 - column 4, line 55 -----	1,5,7,8, 14,17,22
X	US 2006/048319 A1 (MORGAN TERRA J [US] ET AL) 9 March 2006 (2006-03-09)	1,2,6-9, 14,15, 17,22
Y	paragraphs [0013] - [0029] -----	10,11,16
Y	US 2 441 268 A (HABER CHARLES L) 11 May 1948 (1948-05-11) column 1, lines 10-16 - column 3, lines 20-22 -----	10,11,16
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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
- 'E' earlier document but published on or after the international filing date
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- '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
- 'X1' 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.
- '8' document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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
Y	US 2004/142647 A1 (GOULET MATTHEW G [US] ET AL GOULET MATTHEW G [US] ET AL) 22 July 2004 (2004-07-22) paragraphs [0007] - [0010], [0028] - [0035] -----	10,11,16
X	DE 35 30 401 A1 (GEBRA GEBR RADERSCHAD GMBH & C [DE]) 10 July 1986 (1986-07-10) page 7, line 5 - page 10, line 8 -----	1,2,8
A	US 2 544 406 A (WEEMS PRUE E) 6 March 1951 (1951-03-06) column 1, lines 25-46 -----	1,2, 5-11, 15-17,22
A	US 2004/111817 A1 (CHEN FUNG-JOU [US] ET AL) 17 June 2004 (2004-06-17) paragraphs [0005] - [0028], [0070] - [0072] -----	1,2, 5-11, 15-17,22
A	US 2004/117935 A1 (CAVALHEIRO FLABIO [US]) 24 June 2004 (2004-06-24) paragraphs [0004] - [0013] -----	1,2, 5-11, 15-17,22
A	US 2001/029967 A1 (MCDONOUGH THOMAS J [US]) 18 October 2001 (2001-10-18) paragraphs [0008] - [0013] -----	1,2, 5-11, 15-17,22

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/081939

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.:
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 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:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable
cllaaitmns.

2. As all searchable claims could be searched without effort justifying an 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.:

see annex

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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1,2,5-11,14-17,22

A cleaning tool assembly comprising a cleaning tool and a wiping substrate and method for cleaning, with and improved cleaning tool handle.

2. claims: 3,4,12,13,18-21,23,24

A cleaning tool assembly with a cleaning tool and a wiping substrate and method of cleaning, with an improved cleaning substrate.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2007/081939
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us 2001029967	A1	18-10-2001	NONE	