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(12) **United States Design Patent**  
**Dooley et al.**

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- (54) **CLEANING PAD**
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- (\*\*) Term: **14 Years**
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- (51) **LOC (10) Cl.** ..... **04-01**
- (52) **U.S. Cl.** ..... **D32/40**  
USPC ..... **D32/35, 40, 49-53, 71-72; D6/582-4, D6/595-596, 601-606**
- (58) **Field of Classification Search**  
USPC ..... **A47L 13/12; A47L 13/16; A47L 13/20; A47L 13/24; A47L 13/144; A47L 13/146; B24D 13/045; B25B 23/16**  
See application file for complete search history.

5,804,942 A 9/1998 Jeong  
5,902,176 A 5/1999 Chen  
D418,954 S \* 1/2000 Ferdenzi ..... D28/63  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 302115733 \* 10/2012  
JP D1432774 \* 1/2012

**OTHER PUBLICATIONS**

iRobot: Multi-Purpose Cleaning Pad Replacement, online, website copyright 2016, [http://store.irobot.com/multi-purpose-cleaning-pad-replacement/product.jsp?productId=23194016&gclid=Cj0KEQjw0dy4BRCuuL\\_e5MeqmNABEiQAq8iN10Xkz6MEW2\\_v6iWJwxaTG46AWyXrAymTAR9gb0QiboaAmMP8P8HAQ,va6iWJwxaTG46AWyXrAymTAR9gb0QiboaAmMP8P8HAQ, \[site visited Apr. 20, 2016 9:09:06 PM\].\\*](http://store.irobot.com/multi-purpose-cleaning-pad-replacement/product.jsp?productId=23194016&gclid=Cj0KEQjw0dy4BRCuuL_e5MeqmNABEiQAq8iN10Xkz6MEW2_v6iWJwxaTG46AWyXrAymTAR9gb0QiboaAmMP8P8HAQ,va6iWJwxaTG46AWyXrAymTAR9gb0QiboaAmMP8P8HAQ, [site visited Apr. 20, 2016 9:09:06 PM].*)

(Continued)

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(57) **CLAIM**

The ornamental design for a cleaning pad, substantially as shown and described.

(56) **References Cited**

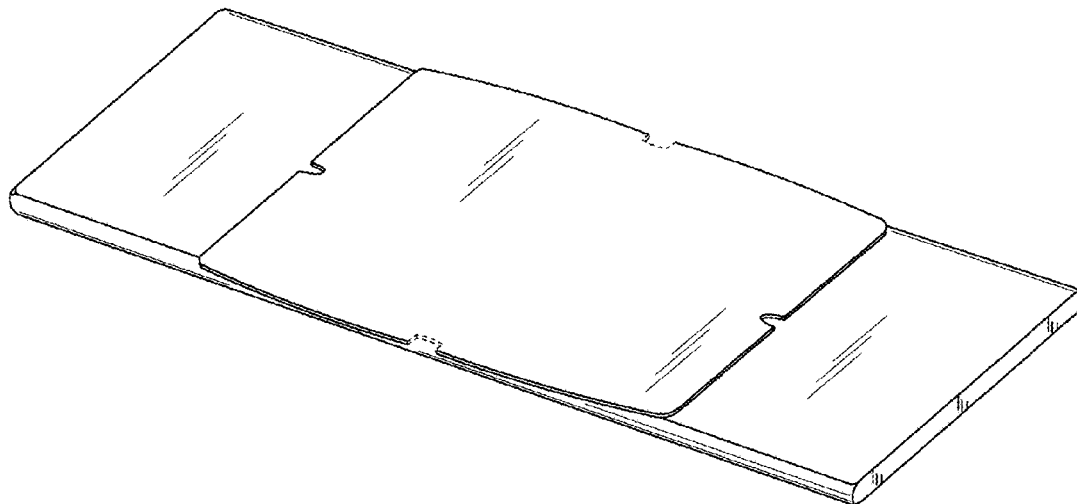
**U.S. PATENT DOCUMENTS**

1,993,174 A \* 3/1935 Le Coney ..... A47K 7/03  
15/209.1  
2,855,622 A \* 10/1958 Tixerant ..... A47L 13/18  
15/227  
4,516,361 A 5/1985 Gringer  
D309,392 S \* 7/1990 Hafvenstein ..... D6/601  
D332,371 S \* 1/1993 Gurman ..... D6/601  
5,512,010 A 4/1996 Labad  
5,621,291 A 4/1997 Lee  
D383,634 S \* 9/1997 Selph ..... D6/596  
5,701,630 A 12/1997 Liao

**DESCRIPTION**

FIG. 1 is a top perspective view of our cleaning pad.  
FIG. 2 is a front view of our cleaning pad.  
FIG. 3 is a back view of our cleaning pad.  
FIG. 4 is a top side view of our cleaning pad.  
FIG. 5 is a bottom side view of our cleaning pad.  
FIG. 6 is a left view of our cleaning pad; and,  
FIG. 7 is a right view of our cleaning pad.  
The broken lines illustrate environmental features that form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D424,358 S \* 5/2000 Wang ..... D6/596  
 6,098,239 A 8/2000 Vosbikian  
 6,202,250 B1 3/2001 Kenmochi et al.  
 6,296,558 B1 10/2001 Poole et al.  
 6,305,046 B1 10/2001 Kingry et al.  
 6,327,741 B1 12/2001 Reed  
 D462,150 S \* 8/2002 Rader ..... D32/40  
 6,641,469 B2 11/2003 Deshler  
 6,685,547 B2 2/2004 Boman  
 6,779,217 B2 8/2004 Fisher  
 6,810,305 B2 10/2004 Kirkpatrick  
 7,013,528 B2 3/2006 Parker et al.  
 D541,366 S \* 4/2007 Rominger ..... D21/803  
 D551,409 S \* 9/2007 Pung ..... D32/40  
 7,337,494 B2 3/2008 Baer et al.  
 7,346,428 B1 3/2008 Huffman et al.  
 7,416,477 B2 8/2008 Henke et al.  
 7,451,516 B2 11/2008 Tanaka  
 7,488,242 B2 2/2009 Gringer et al.  
 7,506,397 B2 3/2009 Tanaka  
 7,568,255 B1 8/2009 Krebs  
 7,607,192 B2 10/2009 Flora et al.  
 7,670,210 B2 3/2010 Annis  
 7,784,139 B2 8/2010 Sawalski et al.  
 7,832,048 B2 11/2010 Harwig et al.  
 D634,905 S \* 3/2011 Adams ..... D32/40  
 7,895,700 B2 3/2011 Tanaka  
 D657,156 S \* 4/2012 Shih ..... D6/361  
 8,281,451 B2 \* 10/2012 Adams ..... A47L 13/20  
 15/209.1  
 8,469,775 B2 6/2013 Dow et al.  
 D701,400 S \* 3/2014 Gregory ..... D6/606  
 D707,470 S \* 6/2014 George ..... D6/608  
 D740,051 S \* 10/2015 Jalbert ..... D6/582  
 D751,839 S \* 3/2016 Naughton ..... D6/601  
 D752,361 S \* 3/2016 Cumby ..... D6/601  
 2002/0002751 A1 1/2002 Fisher  
 2002/0011813 A1 1/2002 Koselka et al.

2002/0152569 A1 10/2002 Zorzo  
 2002/0175648 A1 11/2002 Erko et al.  
 2003/0005535 A1 \* 1/2003 Hale ..... A47K 7/02  
 15/209.1  
 2003/0229421 A1 12/2003 Chmura et al.  
 2004/0045126 A1 3/2004 Parker et al.  
 2004/0143930 A1 7/2004 Haegermarck  
 2004/0230167 A1 \* 11/2004 Steiner ..... A61K 8/0208  
 604/289  
 2005/0278888 A1 12/2005 Reindle et al.  
 2006/0085095 A1 4/2006 Reindle et al.  
 2006/0293809 A1 12/2006 Harwig et al.  
 2007/0214586 A1 9/2007 Mattucci et al.  
 2007/0259580 A1 \* 11/2007 Hernandez ..... B32B 5/26  
 442/2  
 2008/0276407 A1 11/2008 Schnittman et al.  
 2009/0133720 A1 5/2009 Van Den Bogert  
 2009/0281661 A1 11/2009 Dooley et al.  
 2010/0009609 A1 1/2010 Dow et al.  
 2010/0272948 A1 \* 10/2010 Kaminer ..... A47L 13/20  
 428/100  
 2011/0131742 A1 \* 6/2011 Cheung ..... A47L 23/10  
 15/210.1  
 2011/0162157 A1 7/2011 Dooley et al.

OTHER PUBLICATIONS

Amazon.com : Yes4All Gun Cleaning Mat Pad, online, review date Jul. 6, 2014, [http://www.amazon.com/Yes4All-Gun-Cleaning-Mat-Pad/dp/B00WJIRAGSs/ref=sr\\_1\\_?ie=UTF8&qid=1461198903&sr=8-7&keywords=cleaning+pad190+customer-Reviews](http://www.amazon.com/Yes4All-Gun-Cleaning-Mat-Pad/dp/B00WJIRAGSs/ref=sr_1_?ie=UTF8&qid=1461198903&sr=8-7&keywords=cleaning+pad190+customer-Reviews), [site visited Apr. 20, 2016 8:59:30 PM].\*  
 Amazon.com: Astar® 3 Pack Replacement Pads for Shark Steam & Spray Cleaning Pad, online, review date Apr. 2015, [http://www.amazon.com/Astar-Replacement-Shark-Steam-Cleaning/dp/B00RZBY68Y/ref=sr\\_1\\_252?ie=UTF8&qid=1461200678&sr=8-252&keywords=cleaning+pad](http://www.amazon.com/Astar-Replacement-Shark-Steam-Cleaning/dp/B00RZBY68Y/ref=sr_1_252?ie=UTF8&qid=1461200678&sr=8-252&keywords=cleaning+pad), [site visited Apr. 20, 2016 9:06:08 PM].\*

\* cited by examiner

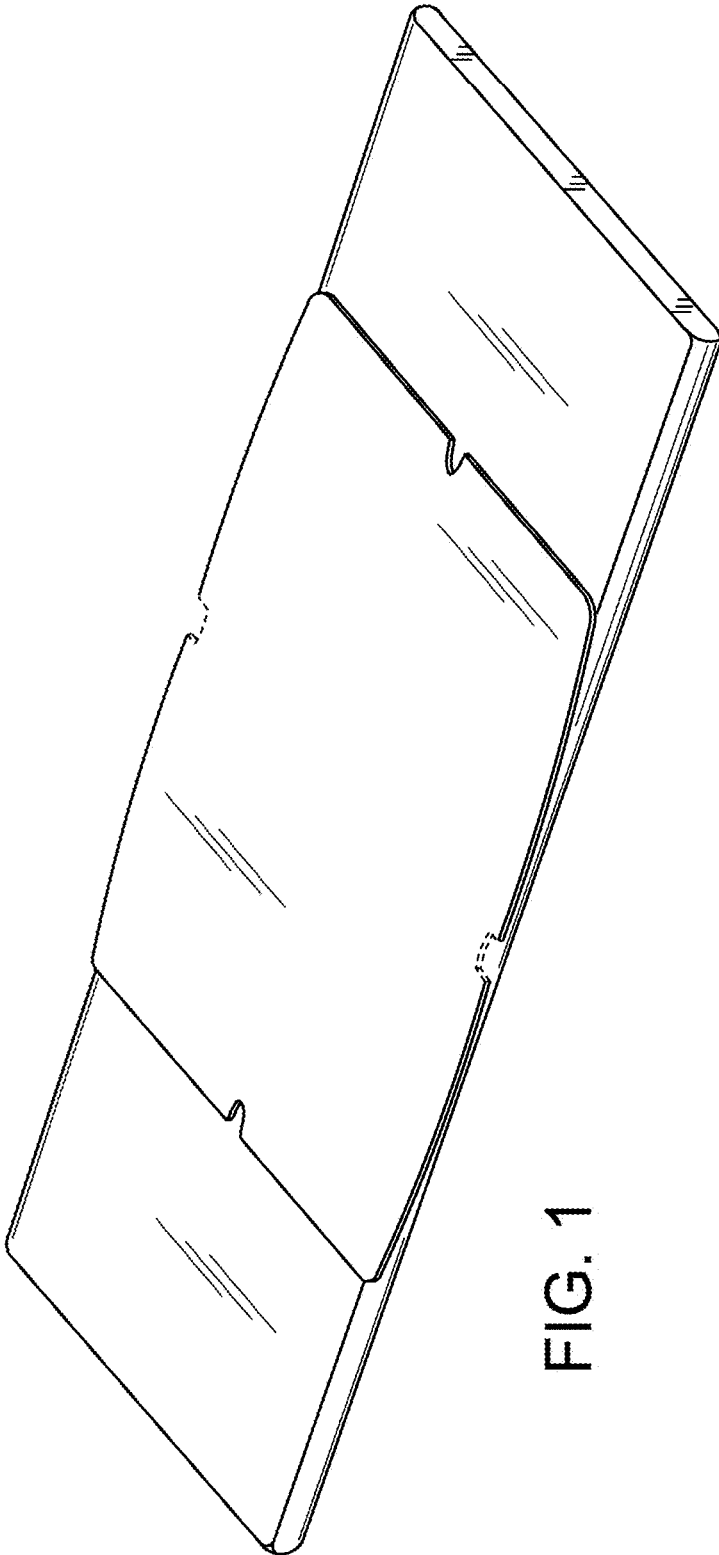


FIG. 1



FIG. 2



FIG. 3

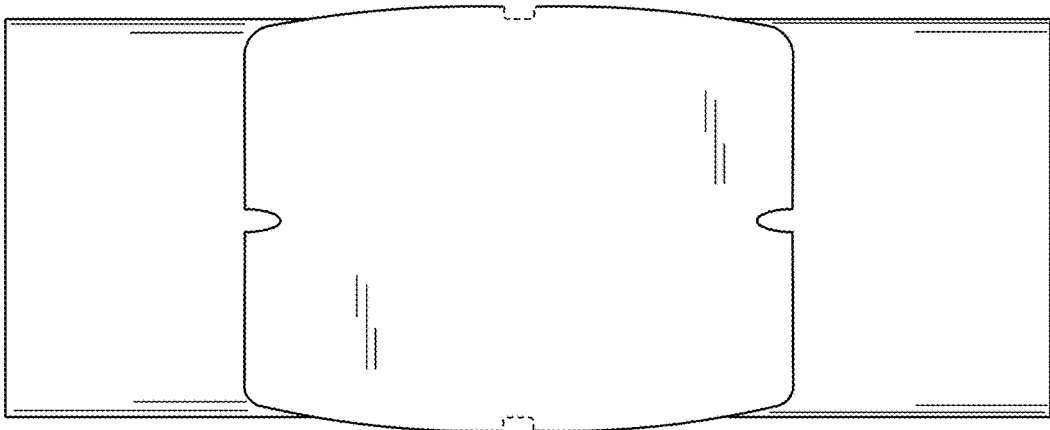


FIG. 4

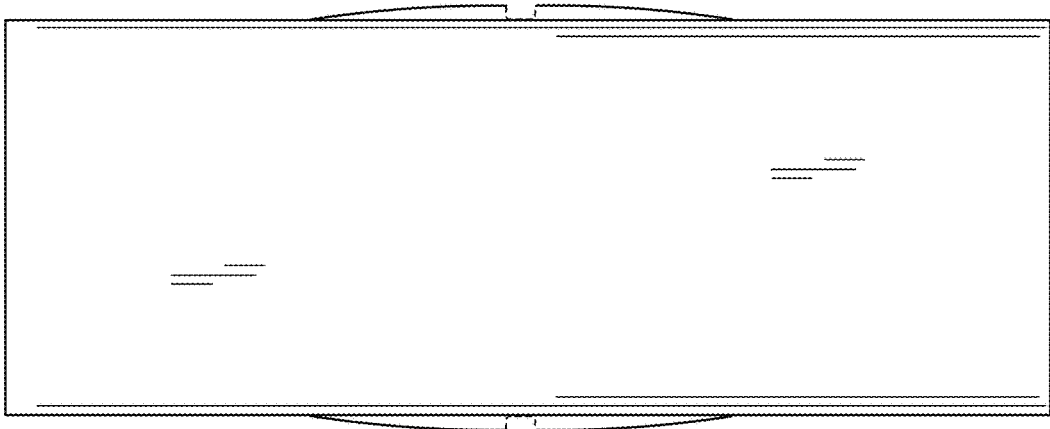


FIG. 5

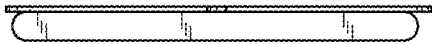


FIG. 6

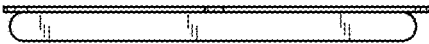


FIG. 7