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(12) **United States Design Patent** (10) **Patent No.:** **US D809,903 S**
Rothbaum et al. (45) **Date of Patent:** **** Feb. 13, 2018**

(54) **STRAP FOR CORD MANAGEMENT**

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(**) Term: **15 Years**

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Related U.S. Application Data

(63) Continuation of application No. 29/546,848, filed on Nov. 25, 2015, now Pat. No. Des. 781,686, which is (Continued)

(51) **LOC (11) Cl.** **09-06**

(52) **U.S. Cl.**
USPC **D8/356**

(58) **Field of Classification Search**
USPC D8/356, 354, 349; 206/233
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

535,502 A 3/1895 Knighton
D39,960 S * 5/1909 Mussillon D8/499
(Continued)

FOREIGN PATENT DOCUMENTS

CN 201352845 Y 11/2009
GB 2420552 A 5/2006
(Continued)

OTHER PUBLICATIONS

CJD LLC, International Search Report and Written Opinion, PCT/US2010/031087, dated Apr. 29, 2011, 24 pgs.

(Continued)

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(57) **CLAIM**

The ornamental design for a strap for cord management, as shown and described.

DESCRIPTION

The present application relates to U.S. utility patent application No. 12/761,326, filed Apr. 15, 2010, to U.S. design patent application No. 29/368,746, filed Aug. 27, 2010, and U.S. design patent application No. 29/368,754, filed Aug. 27, 2010.

FIG. 1 is a perspective view of our new design of a strap for cord management.

FIG. 2 is a top view of FIG. 1.

FIG. 3 is a bottom view of FIG. 1.

FIG. 4 is a view of a first side of FIG. 1.

FIG. 5 is a view of a second side of FIG. 1.

FIG. 6 is a view of a third side of FIG. 1.

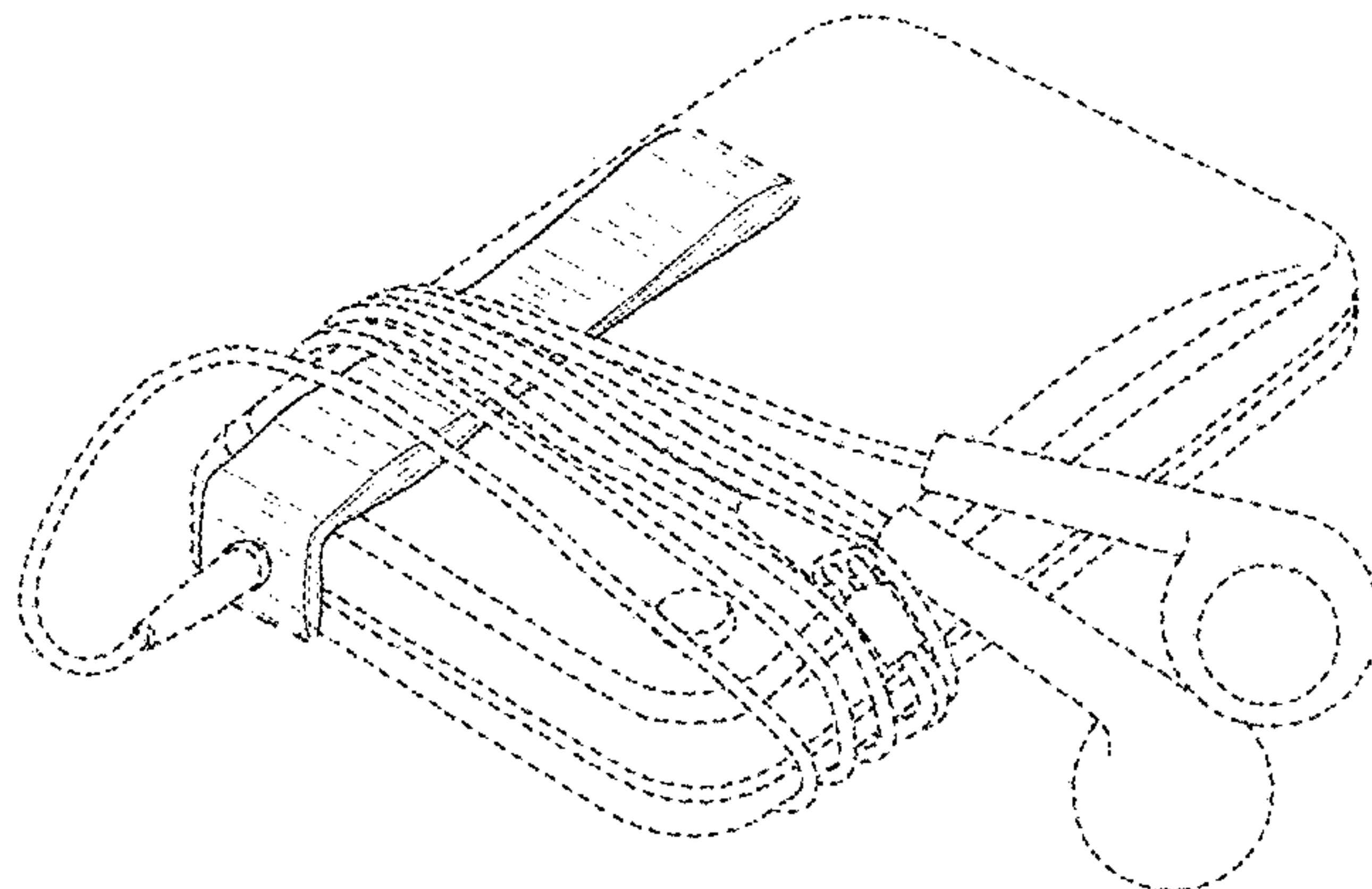
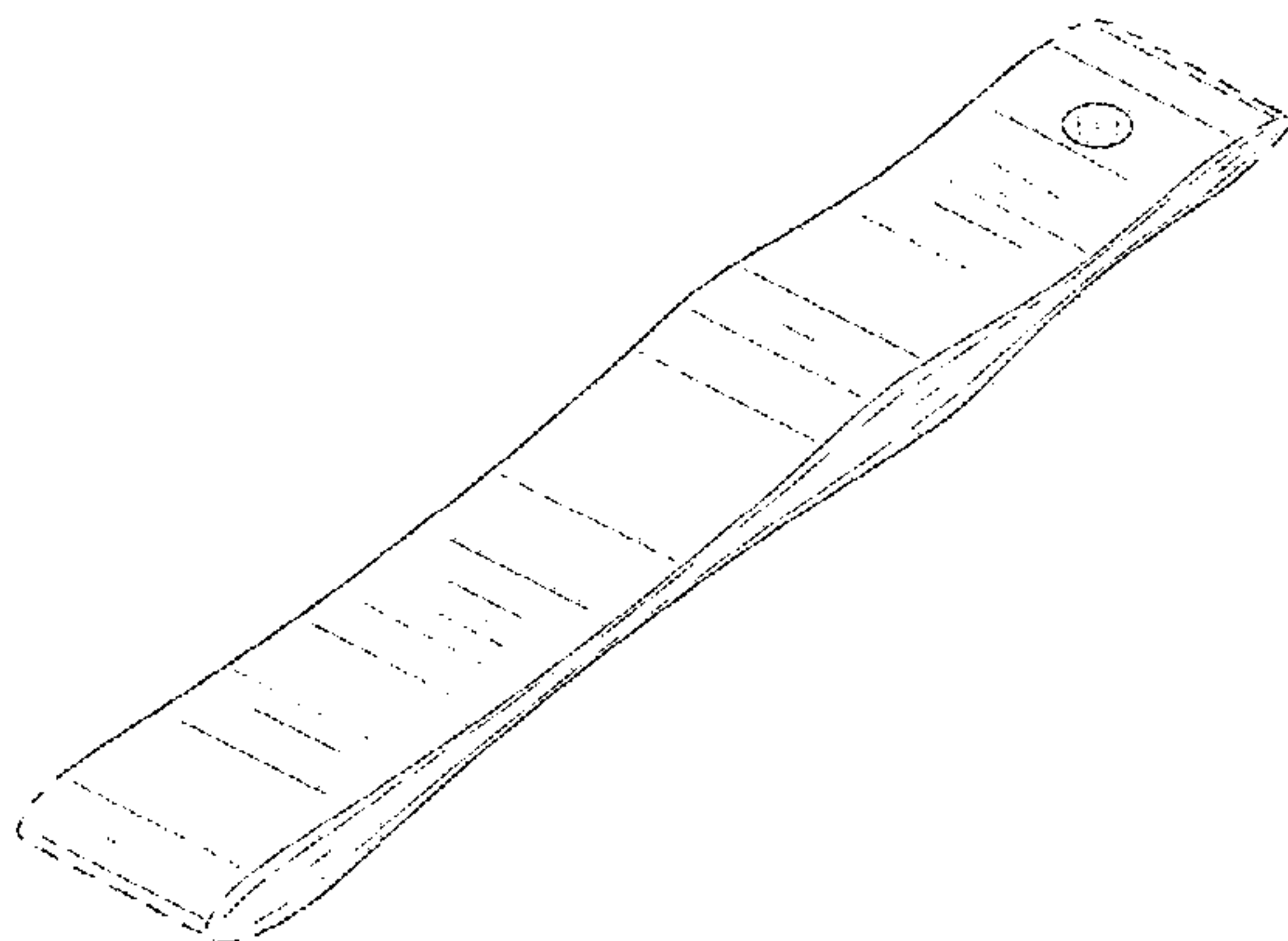
FIG. 7 is a view of a fourth side of FIG. 1.

FIG. 8 is a perspective view of FIG. 1 shown in an alternate configuration of use in an environment of use; and,

FIG. 9 is another perspective view of FIG. 1 shown in another alternate configuration of use in an environment of use.

The broken lines represent portions of the structure that forms no part of the claim.

1 Claim, 6 Drawing Sheets



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Related U.S. Application Data

a continuation of application No. 29/519,750, filed on Mar. 6, 2015, now Pat. No. Des. 747,178, which is a continuation of application No. 29/491,146, filed on May 16, 2014, now Pat. No. Des. 729,616, which is a continuation of application No. 29/458,903, filed on Jun. 24, 2013, now Pat. No. Des. 708,505, which is a continuation of application No. 29/428,997, filed on Aug. 6, 2012, now Pat. No. Des. 685,254, which is a continuation of application No. 29/368,755, filed on Aug. 27, 2010, now Pat. No. Des. 667,291.

(58) Field of Classification Search

CPC B65H 57/16; E02D 5/803; B63B 21/045; B63B 59/02; B60D 1/18; B60P 1/103; B60P 7/0823; Y10T 24/3918; A62B 35/0081; H04R 1/1033; A44B 13/0029
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

1,544,386 A * 6/1925 Fridolph A41F 15/002
2/73
1,675,421 A 7/1928 Pettee et al.
1,722,498 A 7/1929 Fridolph
2,212,766 A 8/1940 Andelenis
2,373,328 A * 4/1945 Morehouse H02G 7/10
174/135
2,826,796 A 3/1958 Davis
2,871,592 A * 2/1959 Polzin G09F 3/005
24/574.1
2,880,008 A 3/1959 Stoner
2,929,596 A 3/1960 Ewing
2,965,939 A 12/1960 Olsson
2,985,480 A 5/1961 Otley
3,041,697 A 7/1962 Budreck
3,086,529 A 4/1963 Munz et al.
D206,401 S 12/1966 Fisher
3,529,328 A 9/1970 Davison
D224,960 S 10/1972 Wilson
3,919,740 A 11/1975 Scherb
3,994,048 A 11/1976 Rosenthal
D259,242 S * 5/1981 Gilb D8/373
4,455,719 A 6/1984 Morita
4,480,361 A 11/1984 Morita
4,597,206 A 7/1986 Benson
4,736,494 A 4/1988 Marchesi
4,815,172 A 3/1989 Ward
4,920,235 A 4/1990 Yamaguchi
4,939,818 A 7/1990 Hahn
4,940,427 A 7/1990 Pearson
4,957,232 A * 9/1990 Sprague A45F 5/02
224/249
4,963,410 A 10/1990 Bryant
5,024,402 A * 6/1991 Hamel B23B 45/02
24/16 PB
5,048,158 A 9/1991 Koerner
5,086,543 A 2/1992 Mitchell
5,130,899 A 7/1992 Larkin et al.
5,136,759 A 8/1992 Armour, II
5,142,743 A 9/1992 Hahn
5,142,746 A 9/1992 Morita
5,168,603 A 12/1992 Reed
5,185,499 A 2/1993 Yahraus
5,274,889 A 1/1994 Morita
5,289,619 A 3/1994 Pileggi
D353,343 S 12/1994 Eberhardt
D353,990 S * 1/1995 Alfreds D8/356
5,392,497 A 2/1995 Defner
D357,739 S 4/1995 Stewart et al.
5,402,971 A 4/1995 Bower
D362,176 S 9/1995 Solbeck
5,473,799 A 12/1995 Aoki

5,517,838 A * 5/1996 Moore E05B 13/002
24/16 PB
5,518,214 A 5/1996 Spencer
D373,750 S 9/1996 Gunderson
5,572,773 A 11/1996 Bauer
5,584,452 A 12/1996 Koike
5,586,760 A 12/1996 Hauter
5,595,014 A 1/1997 Moore
5,604,961 A 2/1997 Cole
D378,578 S 3/1997 Eberhardt
D381,023 S 7/1997 Accardo
5,647,101 A 7/1997 Morita
D381,888 S 8/1997 Gonda et al.
D384,669 S 10/1997 Collier
5,682,653 A 11/1997 Berglof et al.
D390,447 S 2/1998 Colen, Jr.
5,722,126 A 3/1998 Reiter
5,732,445 A 3/1998 Stodolka et al.
5,732,451 A 3/1998 Mars
5,745,958 A 5/1998 Kaldor
5,802,676 A * 9/1998 Tolan A44B 18/00
24/16 PB
5,806,346 A 9/1998 Schlinger et al.
D400,429 S 11/1998 Morita
D401,137 S 11/1998 Boelling
5,845,374 A * 12/1998 Briggs A63B 71/146
2/161.2
D405,352 S 2/1999 Rosenbauer
5,933,926 A 8/1999 Reiter
5,974,634 A 11/1999 Eisenpresser
5,983,464 A 11/1999 Bauer
6,006,455 A 12/1999 Miller
6,010,105 A 1/2000 Davis
6,038,743 A 3/2000 Chapman
6,044,525 A 4/2000 Sastre et al.
6,085,393 A * 7/2000 Tsui A44B 99/00
24/3.12
6,087,594 A 7/2000 Chou
6,092,444 A * 7/2000 Hsiao B25B 13/48
7/168
6,131,200 A * 10/2000 McNamara A41D 25/003
2/144
6,170,088 B1 1/2001 Tate
6,205,623 B1 3/2001 Shepard et al.
6,279,804 B1 * 8/2001 Gregg A45F 5/02
2/255
6,301,754 B1 10/2001 Grunberger et al.
6,317,933 B1 11/2001 Suenaga
6,344,021 B1 2/2002 Juster et al.
D454,235 S 3/2002 Kaplan
6,405,983 B1 6/2002 Goj
6,427,290 B1 8/2002 Liu
D462,255 S 9/2002 Aoki
D464,562 S 10/2002 Reiter
6,467,132 B1 * 10/2002 Robley B65D 63/1018
24/16 PB
6,473,946 B1 11/2002 Cheng
6,474,520 B1 11/2002 Finkelstein
6,490,767 B2 * 12/2002 Haiduk B62J 7/08
24/16 PB
6,499,199 B2 12/2002 Frazier
6,523,229 B2 * 2/2003 Severson B65D 63/1018
24/16 PB
D471,006 S 3/2003 French
D471,231 S 3/2003 Mayo
6,581,885 B2 * 6/2003 Polad F16L 3/137
24/16 PB
6,588,074 B2 7/2003 Galkiewicz et al.
6,671,986 B2 1/2004 Reeves
6,676,674 B1 * 1/2004 Dudai A61B 17/12
606/151
6,701,580 B1 * 3/2004 Bandyopadhyay B65D 63/10
24/16 R
D488,374 S 4/2004 Hussaini et al.
D491,046 S 6/2004 Johnson
6,763,554 B1 * 7/2004 Torrey B65D 63/10
24/17 AP
D495,972 S * 9/2004 Pettingill D11/220

(56)

References Cited

U.S. PATENT DOCUMENTS

6,880,270 B2 4/2005 Prather
D505,785 S * 6/2005 Woody D3/215
D511,450 S * 11/2005 Seth D20/22
6,978,521 B2 12/2005 Morita
6,992,253 B1 1/2006 Spellman et al.
7,025,509 B2 4/2006 Martin
7,039,958 B2 * 5/2006 Henricksen A41F 19/005
2/126
7,080,430 B2 7/2006 Wemmer
7,096,544 B2 * 8/2006 Lusardi A45F 5/12
24/306
7,213,278 B2 5/2007 Peterson et al.
7,222,796 B2 5/2007 Taras
D543,833 S * 6/2007 Folk D8/349
7,334,354 B2 2/2008 Foxen et al.
D566,526 S 4/2008 Robbins, III et al.
D567,630 S 4/2008 Brassard
D567,631 S 4/2008 Brassard
7,356,888 B2 * 4/2008 Chao A45F 5/00
24/306
D572,156 S 7/2008 Payne
D580,257 S 11/2008 Squyers
7,448,689 B2 11/2008 Carter et al.
7,516,591 B2 4/2009 Wolner et al.
7,543,359 B2 6/2009 Moughelbay et al.
D597,514 S 8/2009 Gencarella et al.
D599,196 S 9/2009 Ruffin et al.
7,624,480 B2 * 12/2009 Coronel A61M 25/02
128/DIG. 15
7,640,636 B2 1/2010 Clark
D611,317 S 3/2010 McGrath et al.
D613,137 S 4/2010 Wieberdink et al.
7,703,577 B1 4/2010 Zach et al.
7,712,696 B2 5/2010 Loh
D617,668 S 6/2010 Lodi
7,731,069 B2 * 6/2010 Lopreiato B65G 7/12
224/157
D619,883 S 7/2010 Hansort
D619,884 S 7/2010 Hansort
D624,378 S 9/2010 Wysopal
7,793,892 B1 9/2010 Bowen et al.
D625,579 S 10/2010 Lee et al.
D628,876 S 12/2010 Pierce
D631,327 S 1/2011 Maraia
D631,328 S 1/2011 Chen
D631,780 S 2/2011 Levy
7,914,475 B2 3/2011 Wyatt et al.
D636,659 S 4/2011 Rothbaum et al.
D639,963 S 6/2011 Kase
D644,138 S 8/2011 Webb
8,002,159 B2 8/2011 Cragg
D645,333 S 9/2011 Rothbaum et al.
D652,756 S * 1/2012 Lans D11/3
8,103,352 B2 1/2012 Fried et al.
D654,052 S 2/2012 Lee et al.
D658,484 S 5/2012 Wall
D660,740 S * 5/2012 Cullen D11/3
D662,087 S * 6/2012 Peller D14/205
8,203,077 B2 6/2012 Honeycutt et al.
D664,831 S 8/2012 Scherer
D666,076 S * 8/2012 Muratore D8/349
D666,896 S 9/2012 Pinholster, Jr. et al.
D667,043 S * 9/2012 Couch, III D16/237
8,261,416 B2 9/2012 Rothbaum et al.
D675,123 S * 1/2013 Nunez D11/3
D676,425 S 2/2013 Nishimura et al.
D676,733 S 2/2013 Zach et al.
8,366,058 B2 2/2013 Tiedemann, Sr.
D677,652 S 3/2013 Gifford
8,413,306 B2 * 4/2013 Gallant B29C 43/222
24/306
D684,845 S 6/2013 Wood
8,453,899 B1 6/2013 Calkin

8,458,864 B1 * 6/2013 Patton A61F 5/3792
24/16 R
D693,992 S * 11/2013 Dinunzio D11/220
D694,096 S 11/2013 DeFrancisci
8,590,823 B2 11/2013 Rothbaum et al.
8,615,849 B2 12/2013 Rothbaum et al.
D707,831 S 6/2014 Klutts
D710,969 S 8/2014 Bradford et al.
D712,295 S * 9/2014 Ennis D11/3
D717,132 S 11/2014 Van Dyke
D718,170 S 11/2014 Aumiller et al.
8,910,347 B1 12/2014 Wilcox
D729,045 S * 5/2015 Cavanaugh D8/356
D732,933 S * 6/2015 Jansen D8/356
D733,525 S * 7/2015 Petzl D8/349
D740,106 S * 10/2015 Cooper D8/356
9,340,341 B2 * 5/2016 Farrell B65D 63/14
9,550,550 B1 * 1/2017 Housman B63B 27/146
2001/0013277 A1 * 8/2001 Galkiewicz A44B 18/0053
100/2
2001/0035242 A1 11/2001 Hughs et al.
2002/0033271 A1 3/2002 Fritschle et al.
2002/0065115 A1 5/2002 Lindholm
2002/0073516 A1 6/2002 Behar
2002/0078536 A1 6/2002 Martin et al.
2002/0112323 A1 8/2002 Nire
2002/0139823 A1 10/2002 Johnson
2003/0110596 A1 * 6/2003 Graham B65D 63/1018
24/16 R
2003/0167605 A1 * 9/2003 Schultz A44B 18/00
24/306
2004/0003487 A1 * 1/2004 Reiter A41F 1/002
24/303
2004/0167456 A1 * 8/2004 Kingsford A61B 5/02233
602/48
2005/0016760 A1 1/2005 Vasichak
2005/0025329 A1 2/2005 Lee
2005/0067826 A1 3/2005 McFalls et al.
2005/0251967 A1 * 11/2005 McNeill B65D 63/1027
24/16 PB
2005/0255898 A1 11/2005 Huang
2006/0008106 A1 1/2006 Harper
2006/0032032 A1 * 2/2006 Cheng F16L 3/23
24/306
2006/0121962 A1 6/2006 Kohli
2006/0178041 A1 8/2006 Lund et al.
2006/0186150 A1 8/2006 Willows et al.
2006/0206986 A1 9/2006 Straiton
2007/0086617 A1 4/2007 Loh
2007/0152008 A1 7/2007 Case
2008/0041897 A1 2/2008 Malhotra
2008/0083096 A1 4/2008 Wilkinson
2008/0149679 A1 6/2008 Case et al.
2008/0164157 A1 7/2008 Sween et al.
2009/0013504 A1 1/2009 Crespo
2009/0016559 A1 1/2009 Cleary
2009/0106948 A1 * 4/2009 Lopez B65D 63/1018
24/16 PB
2009/0314515 A1 12/2009 Bevirt et al.
2012/0018250 A1 * 1/2012 Smith A63B 27/00
182/9
2013/0334385 A1 * 12/2013 Steck A63B 29/024
248/231.9
2014/0182087 A1 * 7/2014 St. Jean B60P 7/0823
24/298
2014/0262864 A1 * 9/2014 Rothbaum H01F 7/0263
206/223
2017/0246632 A1 * 8/2017 Slepian B01L 3/502746

FOREIGN PATENT DOCUMENTS

JP 63-125493 U 8/1988
JP 11-317995 A 11/1999
JP 2001-169381 A 6/2001
JP 2003-230418 A 8/2003
JP 2003-319484 A 11/2003
JP 2006-081130 A 3/2006
JP 2006-222712 A 8/2006

(56)

References Cited

FOREIGN PATENT DOCUMENTS

JP	2009-212918 A	9/2009
KR	20-0301311	1/2003
WO	WO 2004/71056 A1	8/2004

OTHER PUBLICATIONS

Earbud Clips, www.wetjetset.com/store/item/42, printed Jun. 7, 2010, 3 pgs.

Headphone Cable Tidy—Pack of 3—Accessories for PDA, Smartphone . . . , www.proporta.com/F02/PPF02P05.php?t_id=4452&t_mode=des . . . printed Jun. 7, 2010, 2 pgs.

Quoguc Capital LLC, International Search Report and Written Opinion, PCT/US2009/067927, dated Jul. 14, 2010, 8 pgs.

Rothbaum, International Search Report and Written Opinion, PCT/US2010/053244, Jun. 24, 2011, 22 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/368,746, dated Dec. 29, 2010, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/368,755, dated May 15, 2012, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/388,372, dated Jul. 14, 2011, 5 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/401,359, dated Nov. 15, 2012, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/401,359, dated Mar. 22, 2013, 12 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/401,360, dated Sep. 28, 2012, 5 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/401,643, dated Sep. 18, 2012, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/401,930, dated Nov. 23, 2012, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/428,997, dated Feb. 27, 2013, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/443,386, dated Aug. 6, 2013, 6 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/443,386, dated Nov. 14, 2013, 9 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/443,386, dated Feb. 26, 2014, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/443,387, dated May 24, 2013, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/443,389, dated Aug. 6, 2013, 6 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/443,389, dated Nov. 14, 2013, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/444,911, dated Jan. 15, 2014, 6 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/444,911, dated Sep. 25, 2013, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/458,903, dated Nov. 4, 2013, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/458,903, dated Feb. 19, 2014, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/465,282, dated Feb. 14, 2014, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/465,282, dated Oct. 25, 2013, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/485,515, dated Jan. 7, 2015, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/488,367, dated Jan. 9, 2015, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/491,146, dated Jan. 8, 2015, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/492,497, dated Jan. 7, 2015, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/506,796, dated Apr. 6, 2015, 7 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/519,750, dated Aug. 26, 2015, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/519,753, dated Aug. 26, 2015, 7 pgs.

Rothbaum, Office Action, U.S. Appl. No. 29/368,754, dated Jul. 19, 2011, 5 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/519,754, dated Oct. 12, 2015, 5 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/546,848, dated Nov. 2, 2016, 8 pgs.

Rothbaum, Notice of Allowance, U.S. Appl. No. 29/554,007, dated Nov. 3, 2016, 8 pgs.

Sumajin smartwrap earphone cord manager, www.ilounge.com, dated Jun. 7, 2010, 3 pgs.

Use magnetic paper clips to keep cords from tangling. Jun. 7, 2010, 5 pgs.

* cited by examiner

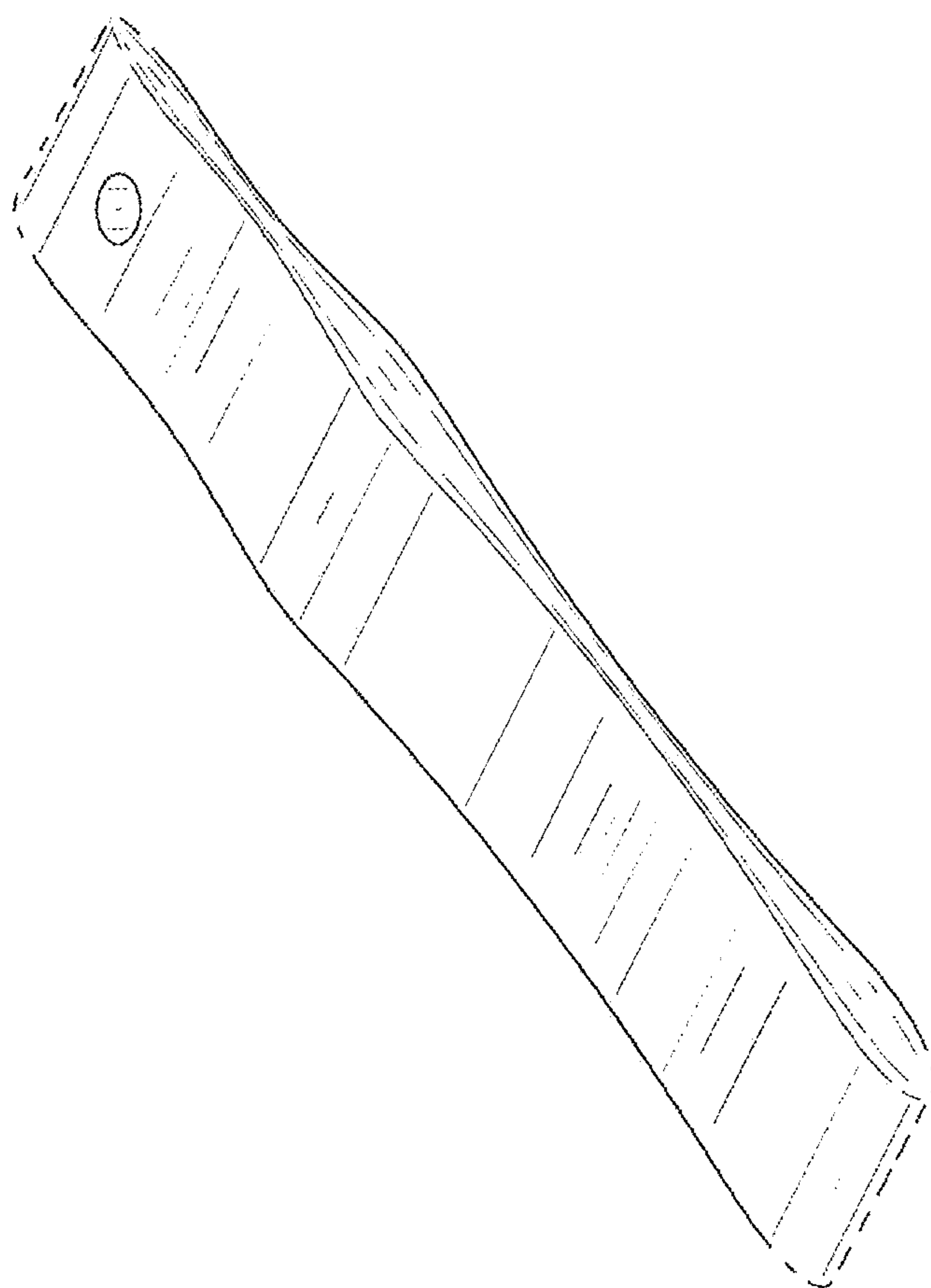


FIG. 1



FIG. 2

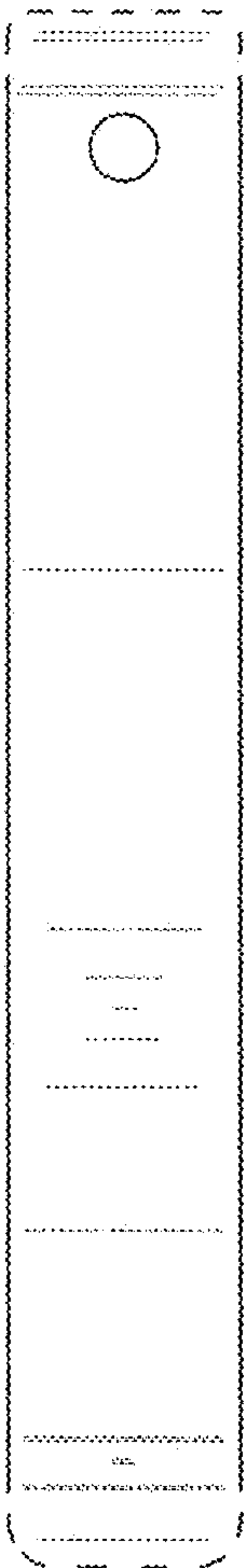


FIG. 3

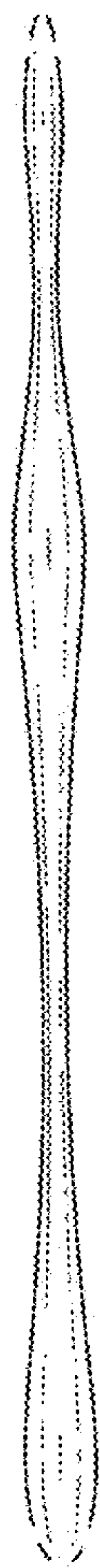


FIG. 4

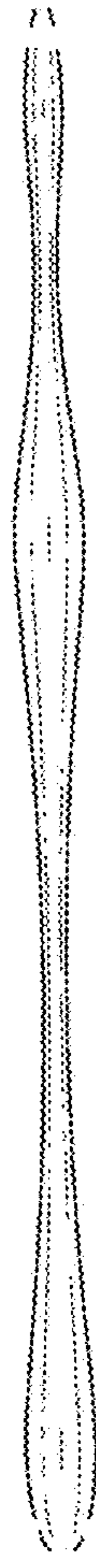


FIG. 5

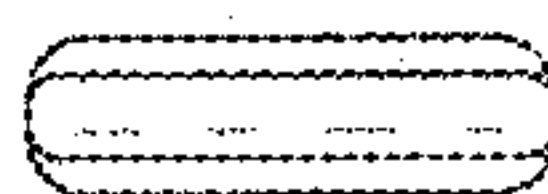


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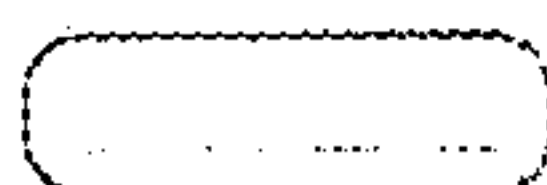


FIG. 7

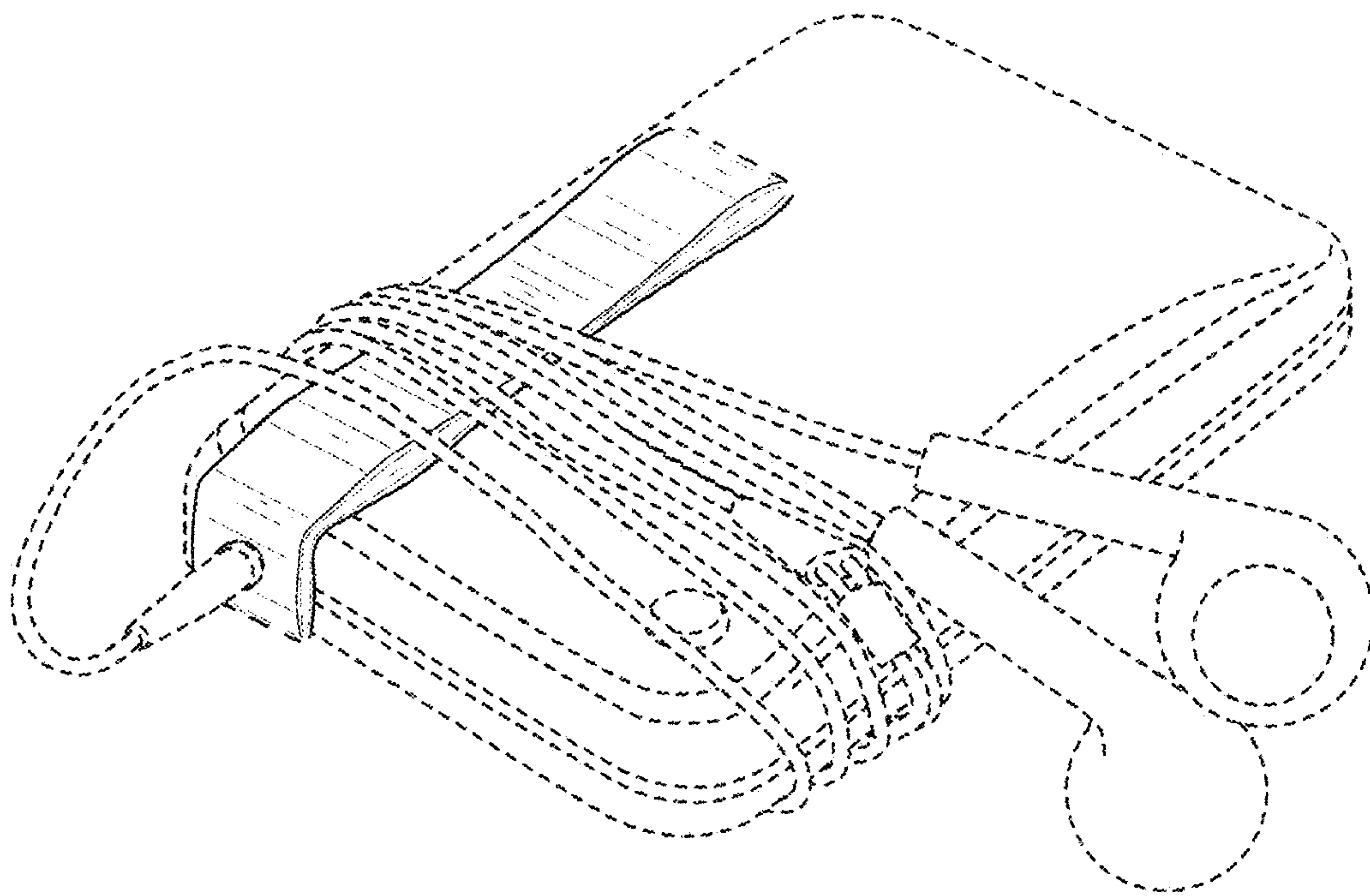


FIG. 8

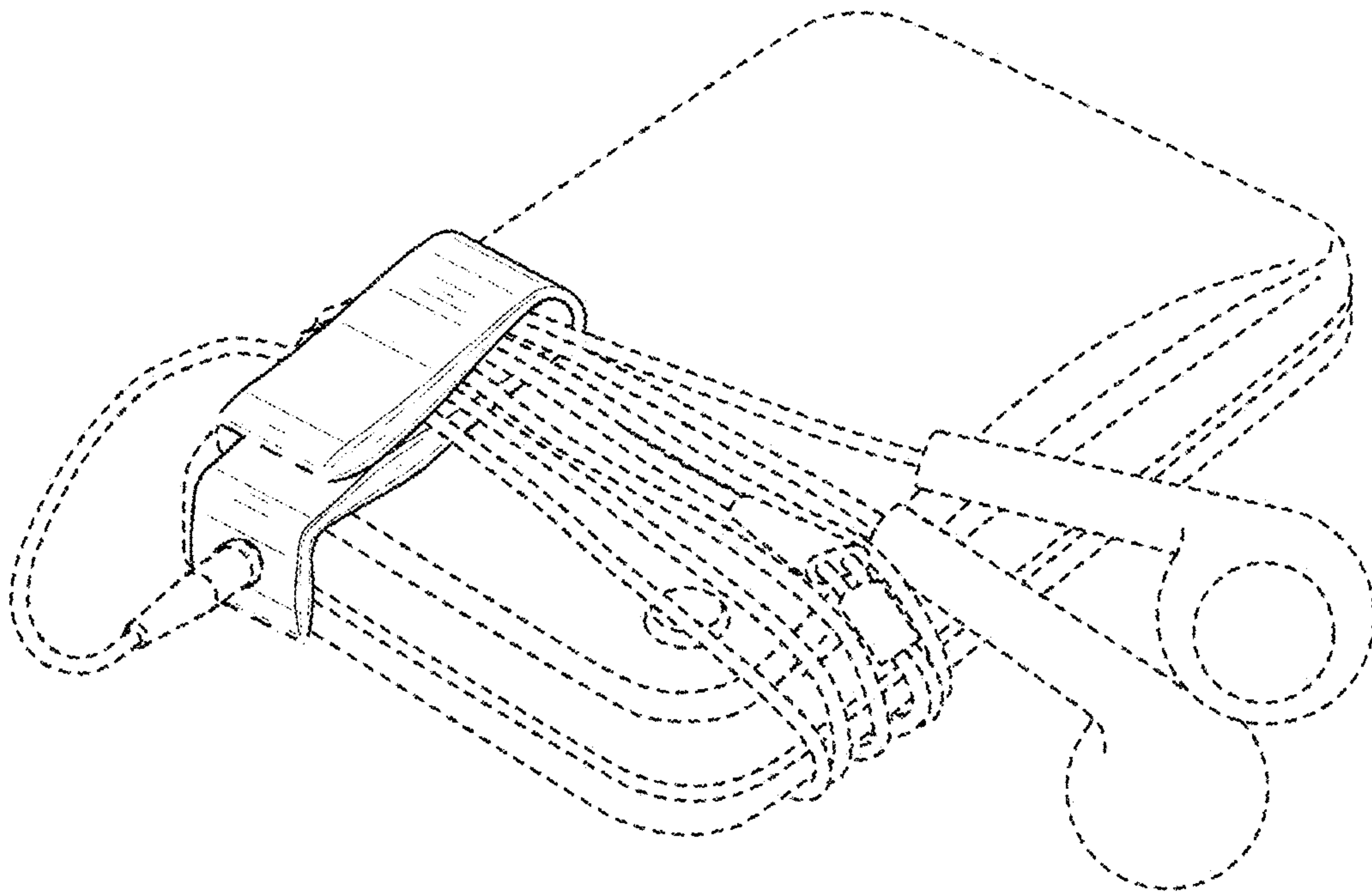


FIG. 9