



(12) **United States Design Patent** (10) **Patent No.:** **US D773,467 S**
Cho (45) **Date of Patent:** **** Dec. 6, 2016**

(54) **MEMORY CARD**

(71) Applicant: **SAMSUNG ELECTRONICS CO., LTD.**, Suwon-si (KR)

(72) Inventor: **Hee-Chang Cho**, Seoul (KR)

(73) Assignee: **SAMSUNG ELECTRONICS CO., LTD.**, Suwon-si (KR)

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

(21) Appl. No.: **29/546,150**

(22) Filed: **Nov. 19, 2015**

(30) **Foreign Application Priority Data**

Nov. 12, 2015 (KR) 30-2015-0057079

(51) **LOC (10) Cl.** **14-02**

(52) **U.S. Cl.**

USPC **D14/436**

(58) **Field of Classification Search**

USPC D14/435-438, 478-480; 235/441, 443, 235/487, 492, 493, 495; 361/737, 679, 752, 361/736, 728, 796, 797, 729, 730, 725-727; 257/678, 679, 693, E23.064; 439/946, 948, 439/159; 174/250, 260, 52.1, 52.2; 710/300-303; 438/121

CPC G06K 19/06196; G06K 19/072; G06K 19/0721; G06K 19/0722; G06K 19/0723; G06K 19/0724; G06K 19/0725; G06K 19/0726; G06K 19/0727; G06K 19/0728; G06K 19/073; G06K 19/07309; G06K 19/077; G06K 19/07701; G06K 19/07715; G06K 19/0772; G06K 19/07722; G06K 19/07724; G06K 19/07726; G06K 19/07728; G06K 19/0773; G06K 19/07735; G06K 19/07737; G06K 19/07739; G06K 19/07741; G06K 19/07743; G06K 19/07745; G06K 19/07747; G06K 19/07749; G06K 19/07758; G06K 19/07767; G06K 19/07769; G06K 19/07771; G06K

19/07773; G06K 19/07775; G06K 19/083; G06K 19/086; G06K 19/145; G06K 19/18; G06K 2215/0022; G06K 2215/0025; G06K 2215/0028; G06K 2215/0031; G06K 2215/004; G06K 2215/0082; G06F 21/77-21/80; G06F 21/85-21/88; G06F 21/00; G06Q 20/3229; G06Q 20/34; G06Q 20/341; G06Q 20/346; G06Q 20/349; G06Q 20/3563; G06Q 20/3567; G06Q 20/357; G06Q 20/3576; H05K 5/026; H05K 5/0256; H05K 5/0265; H05K 5/0269; H05K 5/0273; H05K 5/0278; H05K 5/0282; H05K 5/0286; H05K 5/0291; H05K 5/0295; H05K 5/03; H05K 5/04; H05K 5/06; H05K 5/061; H05K 5/062; H05K 5/063; H05K 5/064; H05K 5/065;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,822,190 A * 10/1998 Iwasaki G06K 19/07743 235/441
 6,137,710 A * 10/2000 Iwasaki G06K 7/0021 235/380

(Continued)

Primary Examiner — Susan Moon Lee
 (74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC

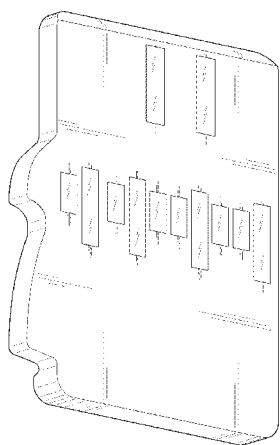
(57) **CLAIM**

The ornamental design for a memory card, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a memory card showing our new design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof;
 FIG. 4 is a left-side view thereof;
 FIG. 5 is a right-side view thereof;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof; and,
 FIG. 8 is a rear perspective view thereof.

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**

CPC H05K 5/066; H05K 5/067; H05K 5/068;
 H05K 5/069; H05K 7/00; H05K 7/005;
 H05K 7/02; H05K 7/023; H05K 7/026;
 H05K 7/04; H05K 7/10; H05K 7/1418;
 H05K 7/142; H05K 7/1424; H05K
 7/1427-7/1439; H05K 7/1461; H05K
 7/1464-7/1474; H05K 7/1479; H05K
 7/1481; H05K 7/1485-7/1488; H05K
 2201/09745; H05K 2201/09754; H05K
 2201/09763; H05K 2201/09772; H05K
 2201/098; H05K 2201/09818; H05K
 2201/10; H05K 2201/10007; H05K
 2201/10098; H05K 2201/10143; H05K
 2201/10159; H05K 2201/10174; H05K
 2201/10212; H05K 2201/1028; H05K
 2201/1031; H05K 2201/10431; H05K
 2201/22; H05K 2201/10462; H05K
 2201/10545; H05K 2201/10553; H05K
 2201/1056; H05K 2201/10621; H05K
 2201/10636; H05K 2203/05; H05K 3/368;
 H05K 3/3436; H05K 3/36; H05K 3/40;
 H05K 3/4007; H05K 3/4015; H05K
 3/403; H05K 3/4053; H05K
 3/4092; H05K 3/42; H05K 3/421; H05K
 3/46; H05K 1/14; H05K 1/141; H05K
 1/142; H05K 1/144; H05K 1/145; H05K
 1/182; H04N 2201/216

See application file for complete search history.

D581,932 S * 12/2008 Nishizawa D14/436
 7,458,519 B2 * 12/2008 Aoki G06K 19/077
 235/451
 D585,068 S * 1/2009 Elliott D14/436
 D588,134 S * 3/2009 Nakamura D14/436
 7,583,071 B2 * 9/2009 Skultety-Betz G01V 3/15
 324/228
 D603,812 S * 11/2009 Johnson D13/182
 7,629,679 B2 * 12/2009 Park G06K 19/07724
 257/679
 D615,506 S * 5/2010 Eide D13/182
 7,813,137 B2 * 10/2010 Gu G06K 13/085
 361/737
 7,815,469 B1 * 10/2010 Nguyen H01R 13/6658
 439/353
 7,830,666 B2 * 11/2010 Hiew H01L 23/544
 174/521
 D639,302 S * 6/2011 Nakamura D14/436
 D639,812 S * 6/2011 Nakamura D14/436
 D643,040 S * 8/2011 Sedio D14/436
 D643,431 S * 8/2011 Nakamura D14/436
 D643,432 S * 8/2011 Nakamura D14/436
 8,142,229 B1 * 3/2012 Bobuk G06K 13/0806
 439/630
 D669,478 S * 10/2012 Lepp D14/436
 D669,479 S * 10/2012 Lepp D14/436
 8,291,144 B2 * 10/2012 Pinto G06F 13/409
 710/16
 8,319,352 B2 * 11/2012 Shinohara G11C 5/02
 257/686
 D675,582 S * 2/2013 Segler D13/182
 D681,640 S * 5/2013 Aoki D14/436
 8,451,122 B2 * 5/2013 Narendra G06K 19/0701
 235/380
 8,531,719 B2 * 9/2013 Takatsuka G06K 15/00
 358/1.15

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,323,064 B1 * 11/2001 Lee G11C 5/04
 257/E21.504
 6,590,778 B1 * 7/2003 Hojo G06K 19/073
 257/679
 D491,951 S * 6/2004 Yu D14/436
 D493,798 S * 8/2004 Yu D14/436
 D504,433 S * 4/2005 Nishizawa D14/436
 6,908,038 B1 * 6/2005 Le G06K 19/077
 235/492
 D517,072 S * 3/2006 Yamada D14/436
 D517,559 S * 3/2006 Yu D14/436
 7,009,846 B1 * 3/2006 Wang H05K 5/0286
 235/492
 D523,435 S * 6/2006 Takiar D14/436
 D525,248 S * 7/2006 Takiar D14/436
 7,097,510 B1 * 8/2006 Chen H01R 13/193
 439/630
 D532,788 S * 11/2006 Cuellar D14/436
 D533,556 S * 12/2006 Yamada D14/436
 7,193,161 B1 * 3/2007 Takiar H01L 23/49855
 174/521
 7,210,967 B1 * 5/2007 Lee G06K 19/07743
 439/630
 D547,371 S * 7/2007 Miller D19/1
 D552,098 S * 10/2007 Nishizawa D14/436
 7,293,716 B1 * 11/2007 Miks H01L 21/561
 235/451
 D556,764 S * 12/2007 Nishizawa D14/436
 7,307,848 B2 * 12/2007 Takiar G06K 19/077
 361/736
 7,325,746 B2 * 2/2008 Nishizawa G06K 19/005
 235/492
 7,326,086 B1 * 2/2008 Lee G06K 19/07741
 439/630
 7,371,119 B1 * 5/2008 Lee G06K 7/0043
 439/630
 7,416,451 B2 * 8/2008 Tanaka G06K 7/0021
 439/630

D690,672 S * 10/2013 Yoshida D13/182
 8,550,858 B2 * 10/2013 Reid H01R 27/02
 439/630
 8,649,820 B2 * 2/2014 Schwandt G06K 19/07732
 455/557
 D727,910 S * 4/2015 Kang D14/436
 D727,911 S * 4/2015 Kang D14/436
 D727,912 S * 4/2015 Kang D14/436
 D727,913 S * 4/2015 Kang D14/436
 D729,251 S * 5/2015 Kang D14/436
 D730,908 S * 6/2015 Lim D14/436
 D730,909 S * 6/2015 Kang D14/436
 D730,910 S * 6/2015 Lim D14/436
 D730,911 S * 6/2015 Lim D14/436
 D735,725 S * 8/2015 Lim D14/436
 D736,212 S * 8/2015 Kang D14/436
 D736,213 S * 8/2015 Kang D14/436
 D736,214 S * 8/2015 Kang D14/436
 D736,215 S * 8/2015 Kang D14/436
 D736,216 S * 8/2015 Kang D14/436
 D736,775 S * 8/2015 Lim D14/436
 D736,776 S * 8/2015 Lim D14/436
 D739,856 S * 9/2015 Kang D14/436
 2004/0070952 A1 * 4/2004 Higuchi G06K 19/0719
 361/737
 2004/0084538 A1 * 5/2004 Nishizawa G06K 19/07732
 235/492
 2004/0089717 A1 * 5/2004 Harari G06F 13/387
 235/441
 2004/0175976 A1 * 9/2004 Park H01R 13/26
 439/176
 2004/0259291 A1 * 12/2004 Takiar G06K 19/077
 438/113
 2005/0011671 A1 * 1/2005 Takiar G06K 13/0825
 174/256
 2005/0037671 A1 * 2/2005 Yamada G06K 7/0021
 439/677
 2005/0082375 A1 * 4/2005 Nishizawa G06K 13/0825
 235/492

(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | | | | | | | |
|--------------|------|---------|-----------|-------|--------------------------|--------------|------|---------|-----------|-------|-----------------------------|
| 2005/0230484 | A1 * | 10/2005 | Cuellar | ..... | G06K 19/072 235/492 | 2008/0186658 | A1 * | 8/2008 | Lin | ..... | G06K 13/08 361/679.32 |
| 2005/0253239 | A1 * | 11/2005 | Nishizawa | ..... | G06K 7/0021 257/679 | 2008/0227337 | A1 * | 9/2008 | Jow | ..... | G06K 19/07732 439/630 |
| 2005/0279838 | A1 * | 12/2005 | Wang | ..... | G06K 19/077 235/492 | 2008/0235939 | A1 * | 10/2008 | Hiew | ..... | H01L 21/561 29/831 |
| 2005/0281010 | A1 * | 12/2005 | Wang | ..... | H05K 1/117 361/752 | 2008/0273299 | A1 * | 11/2008 | Tsai | ..... | H01L 21/561 361/679.32 |
| 2006/0049265 | A1 * | 3/2006 | Ho | ..... | G06K 19/07732 235/492 | 2008/0316696 | A1 * | 12/2008 | Nishiyama | ..... | H01L 24/49 361/679.31 |
| 2006/0085583 | A1 * | 4/2006 | Yu | ..... | G06K 19/07 710/301 | 2009/0009976 | A1 * | 1/2009 | Nishikawa | ..... | G06K 19/077 361/737 |
| 2006/0166559 | A1 * | 7/2006 | Nakai | ..... | G06K 19/077 439/630 | 2009/0085231 | A1 * | 4/2009 | Chiu | ..... | H01L 21/56 257/787 |
| 2006/0194479 | A1 * | 8/2006 | Osako | ..... | G06K 19/07739 439/638 | 2009/0154040 | A1 * | 6/2009 | Tung | ..... | H05K 1/0259 361/56 |
| 2006/0202041 | A1 * | 9/2006 | Hishizawa | ..... | G06K 19/072 235/492 | 2009/0230534 | A1 * | 9/2009 | Okada | ..... | H01L 25/18 257/686 |
| 2006/0288145 | A1 * | 12/2006 | Chen | ..... | H05K 5/0282 710/301 | 2009/0254704 | A1 * | 10/2009 | Nakamura | ..... | G06F 13/409 711/115 |
| 2007/0045873 | A1 * | 3/2007 | Takemoto | ..... | G11C 29/48 257/784 | 2010/0049878 | A1 * | 2/2010 | Yu | ..... | G06F 13/385 710/11 |
| 2007/0049081 | A1 * | 3/2007 | Anzai | ..... | H01R 13/703 439/159 | 2010/0072284 | A1 * | 3/2010 | Nishizawa | ..... | G06K 19/07 235/492 |
| 2007/0059983 | A1 * | 3/2007 | Anzai | ..... | G06K 7/0021 439/630 | 2010/0205341 | A1 * | 8/2010 | Chen | ..... | G06F 13/385 710/301 |
| 2007/0072464 | A1 * | 3/2007 | Anzai | ..... | G06K 7/0013 439/159 | 2010/0312965 | A1 * | 12/2010 | Cooke | ..... | G06F 13/4068 711/115 |
| 2007/0077822 | A1 * | 4/2007 | Tanaka | ..... | G06K 19/07735 439/630 | 2011/0026213 | A1 * | 2/2011 | Chang | ..... | G06F 1/186 361/679.31 |
| 2007/0117276 | A1 * | 5/2007 | Chen | ..... | B29C 45/14647 438/127 | 2011/0090277 | A1 * | 4/2011 | Pomerantz | ..... | B41J 3/28 347/20 |
| 2007/0145133 | A1 * | 6/2007 | Jolivet | ..... | G06K 7/0008 235/441 | 2011/0092087 | A1 * | 4/2011 | Jung | ..... | H01R 12/7005 439/159 |
| 2007/0145154 | A1 * | 6/2007 | Yu | ..... | G06K 19/07 235/492 | 2011/0145465 | A1 * | 6/2011 | Okada | ..... | G06F 13/409 710/301 |
| 2007/0155046 | A1 * | 7/2007 | Takiar | ..... | G06K 19/07732 438/106 | 2011/0157838 | A1 * | 6/2011 | Morita | ..... | G06K 19/07743 361/737 |
| 2007/0190836 | A1 * | 8/2007 | Tanaka | ..... | G06K 7/0021 439/159 | 2011/0182037 | A1 * | 7/2011 | Katsumura | ..... | G06K 19/07728 361/728 |
| 2007/0228509 | A1 * | 10/2007 | Okada | ..... | H05K 1/0256 257/503 | 2012/0049378 | A1 * | 3/2012 | Asada | ..... | H01L 23/3107 257/773 |
| 2007/0257116 | A1 * | 11/2007 | Hsieh | ..... | G06K 19/07 235/492 | 2012/0079197 | A1 * | 3/2012 | Cheng | ..... | G06K 7/0021 711/115 |
| 2007/0258220 | A1 * | 11/2007 | Chen | ..... | G06K 19/07732 361/730 | 2012/0081860 | A1 * | 4/2012 | Pomerantz | ..... | G06K 19/07 361/737 |
| 2007/0259567 | A1 * | 11/2007 | Chen | ..... | G06K 19/077 439/638 | 2012/0117315 | A1 * | 5/2012 | Okada | ..... | G06K 19/07732 711/103 |
| 2008/0007932 | A1 * | 1/2008 | Tung | ..... | G06K 19/07 361/816 | 2012/0241933 | A1 * | 9/2012 | Doi | ..... | H01L 23/49558 257/676 |
| 2008/0049392 | A1 * | 2/2008 | Takiar | ..... | G06K 19/04 361/679.32 | 2013/0262764 | A1 * | 10/2013 | Jow | ..... | G06K 19/07732 711/115 |
| 2008/0065830 | A1 * | 3/2008 | Aoki | ..... | G06K 19/07 711/115 | 2013/0288535 | A1 * | 10/2013 | You | ..... | H01R 24/62 439/634 |
| 2008/0073436 | A1 * | 3/2008 | Nishizawa | ..... | G06K 19/077 235/492 | 2013/0311720 | A1 * | 11/2013 | Li | ..... | G06K 19/07732 711/115 |
| 2008/0075802 | A1 * | 3/2008 | Chan | ..... | B29C 45/14647 425/588 | 2014/0027503 | A1 * | 1/2014 | Kennedy | ..... | G06F 17/30265 235/375 |
| 2008/0083828 | A1 * | 4/2008 | Le | ..... | G06K 19/07732 235/441 | 2014/0070381 | A1 * | 3/2014 | Doi | ..... | H01L 23/3107 257/666 |
| 2008/0096413 | A1 * | 4/2008 | Chen | ..... | H01R 13/2442 439/345 | 2014/0099805 | A1 * | 4/2014 | Kutchery | ..... | H04B 1/3816 439/76.1 |
| 2008/0132091 | A1 * | 6/2008 | Choi | ..... | G06K 19/07 439/55 | 2014/0106621 | A1 * | 4/2014 | Wu | ..... | G06K 19/07739 439/630 |
| 2008/0135628 | A1 * | 6/2008 | Aoki | ..... | G06K 19/07732 235/492 | 2014/0169090 | A1 * | 6/2014 | Ma | ..... | G06K 19/07732 365/185.05 |
| 2008/0145968 | A1 * | 6/2008 | Hiew | ..... | H01L 21/561 438/107 | 2014/0258563 | A1 * | 9/2014 | Otsuka | ..... | G06F 13/385 710/13 |
| 2008/0173995 | A1 * | 7/2008 | Kuratomi | ..... | H01L 21/566 257/679 | | | | | | |
| 2008/0173996 | A1 * | 7/2008 | Han | | G06K 19/07732 257/679 | | | | | | |

* cited by examiner

FIG. 1

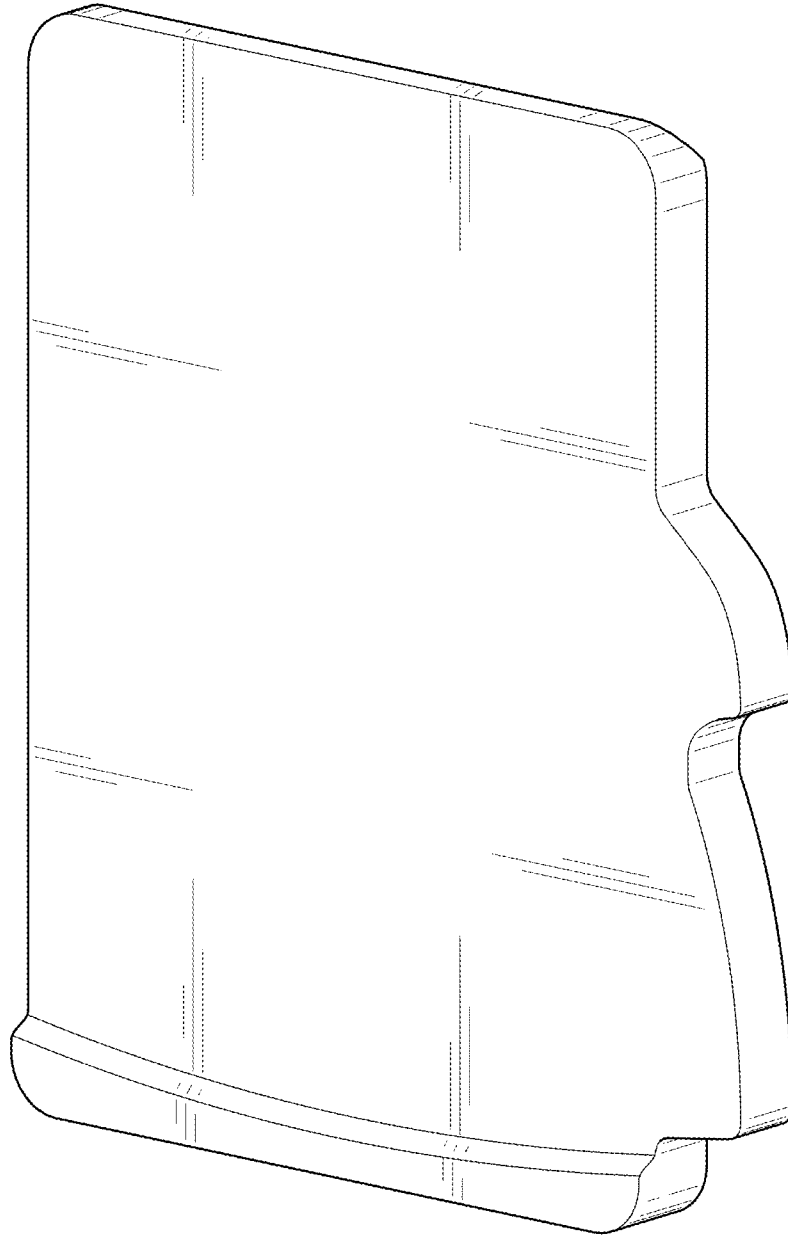


FIG. 2

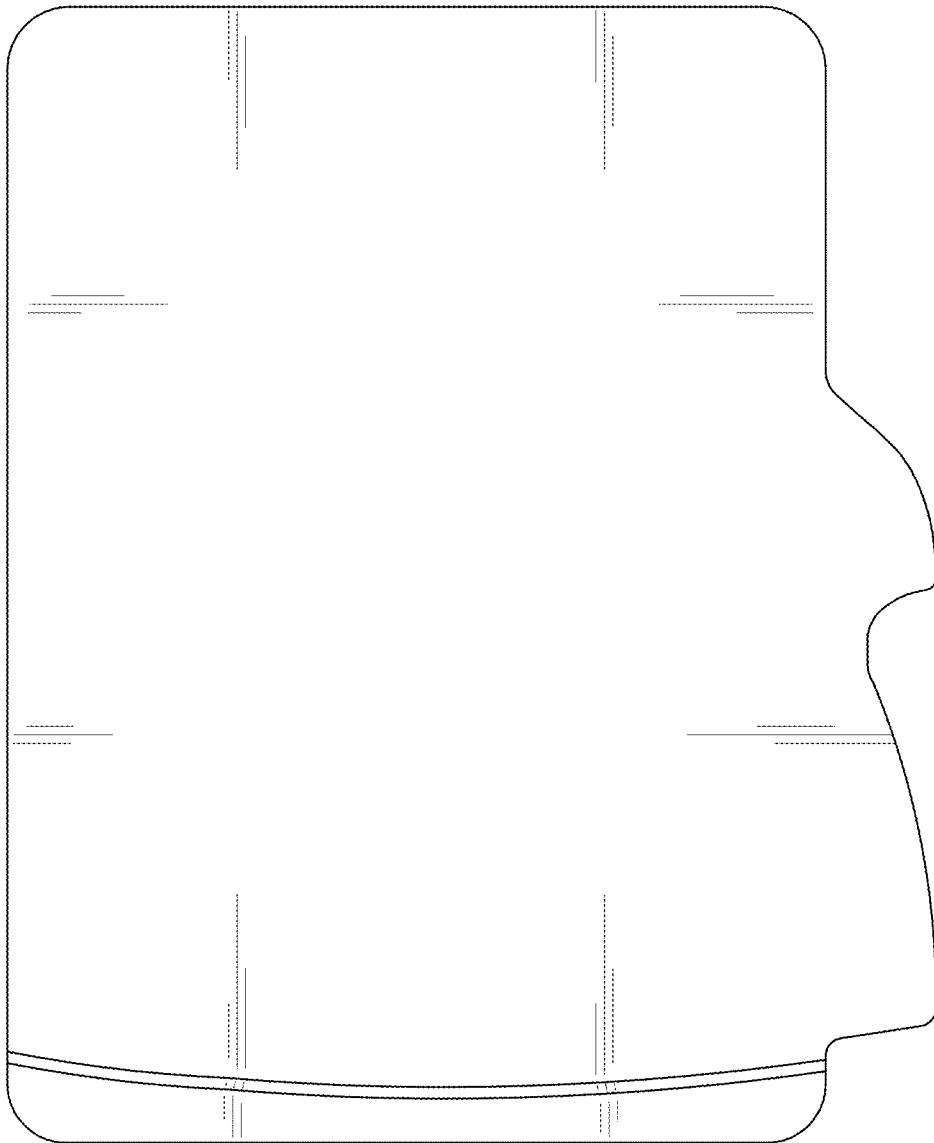


FIG. 3

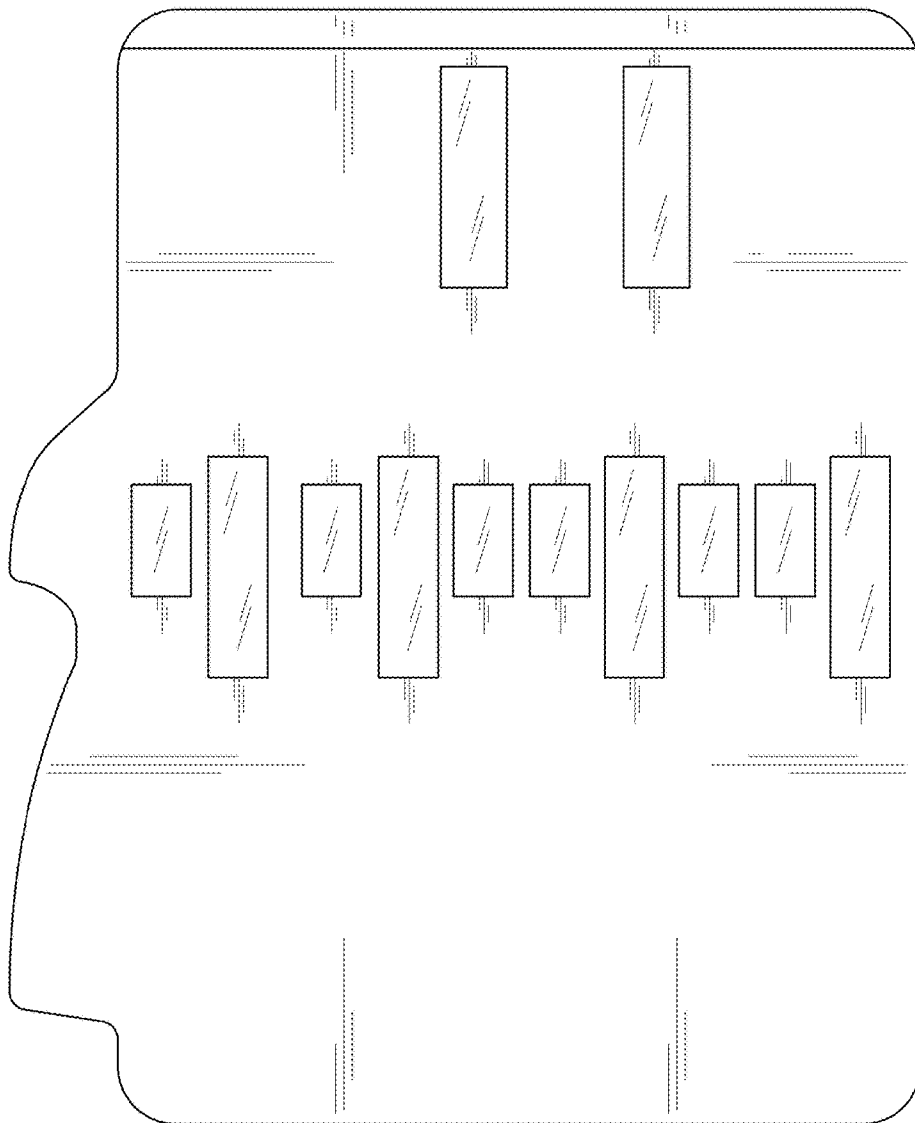


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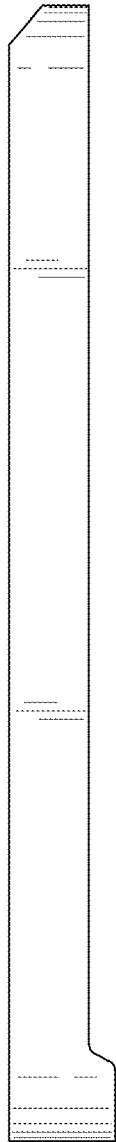


FIG. 5

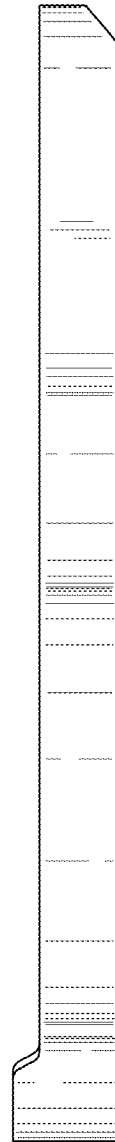


FIG. 6

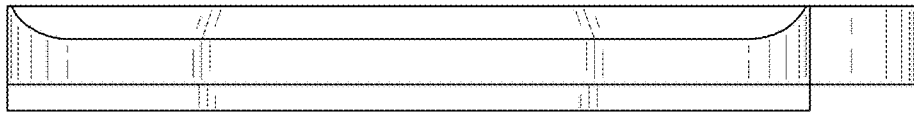


FIG. 7



FIG. 8

