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(12) **United States Design Patent**  
**Ben Avi**

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(54) **CASHLESS PAYMENT DEVICE FOR UNATTENDED MACHINES**

(71) Applicant: **David Ben Avi**, Ramat Hasharon (IL)

(72) Inventor: **David Ben Avi**, Ramat Hasharon (IL)

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

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

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(58) **Field of Classification Search**

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CPC .... G06Q 20/20; G06Q 20/204; H04L 9/3234; G07F 7/0873; G07F 7/088; G07F 7/0886; G07F 7/0893; G07G 1/0018; G07G 1/0045; G07G 1/009

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D331,747 S \* 12/1992 Takahashi ..... D14/336
- D347,584 S \* 6/1994 Vogelpohl ..... D10/49
- D360,153 S \* 7/1995 Chacchia ..... D10/101
- D382,909 S \* 8/1997 Thomas ..... D20/10
- D392,110 S \* 3/1998 Tsui ..... D6/300
- D399,154 S \* 10/1998 Proctor ..... D10/104.1
- D416,492 S \* 11/1999 Peters ..... D10/126
- D428,444 S \* 7/2000 McGarrah ..... D20/8
- D435,597 S \* 12/2000 Febish ..... D20/10

- D437,890 S \* 2/2001 McGarrah ..... D20/8
- D438,847 S \* 3/2001 Hasegawa ..... D14/412
- D442,153 S \* 5/2001 Lavelle ..... D14/126
- D443,830 S \* 6/2001 Young ..... D10/2
- D447,125 S \* 8/2001 Lavelle ..... D14/126
- D462,957 S \* 9/2002 Ekelund ..... D14/336
- D490,840 S \* 6/2004 Arakaki ..... D18/4.4
- D500,038 S \* 12/2004 Toratani ..... D14/385
- D504,074 S \* 4/2005 Tsujimura ..... D10/46
- D504,429 S \* 4/2005 Muto ..... D14/385
- D505,530 S \* 5/2005 Nelson ..... D99/28
- D506,404 S \* 6/2005 Kaczmarek ..... D10/104.1
- D506,693 S \* 6/2005 Kaczmarek ..... D10/104.1
- D507,657 S \* 7/2005 Neel ..... D10/102

(Continued)

**OTHER PUBLICATIONS**

Cashless Payment Devices and Card Readers. (Design—© Questel) orbit.com. [online PDF] 25 pgs. Print Dates range Jan. 21, 2008 through May 21, 2019. [Retrieved on Jul. 17, 2019] <https://sobjprd.questel.fr/export/QPTUJ214/pdf2/felbd86a-91a4-4261-a672-8c97630467de-163626.pdf>.\*

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*Primary Examiner* — Marie D. Fast Horse

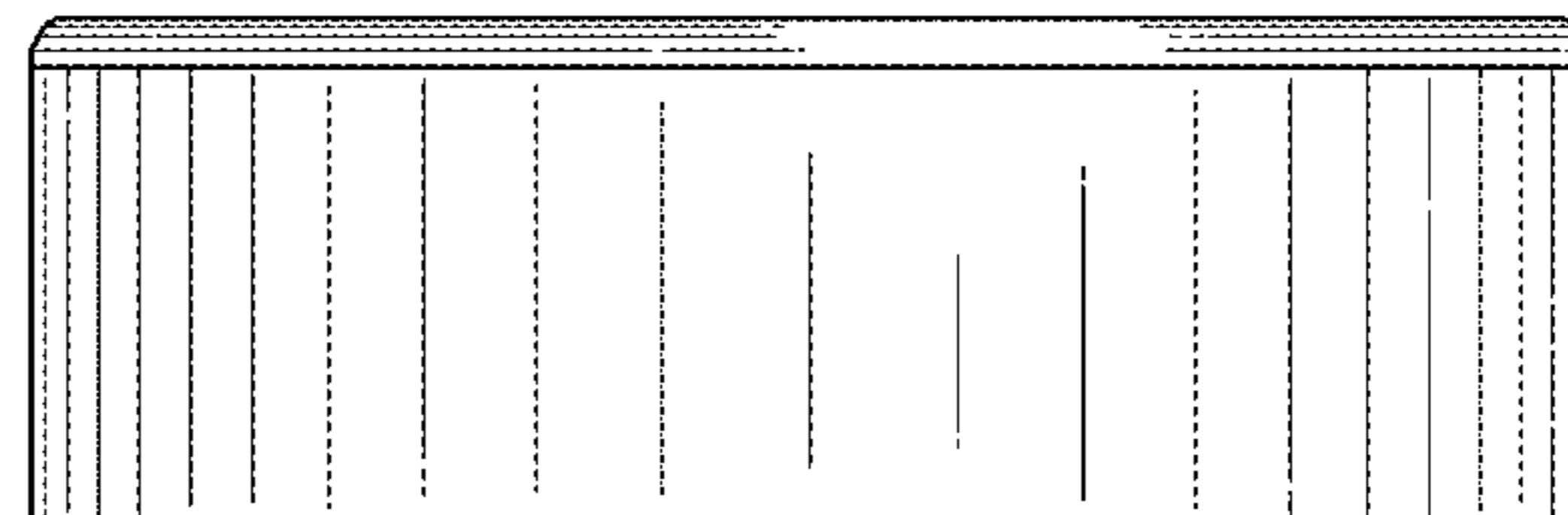
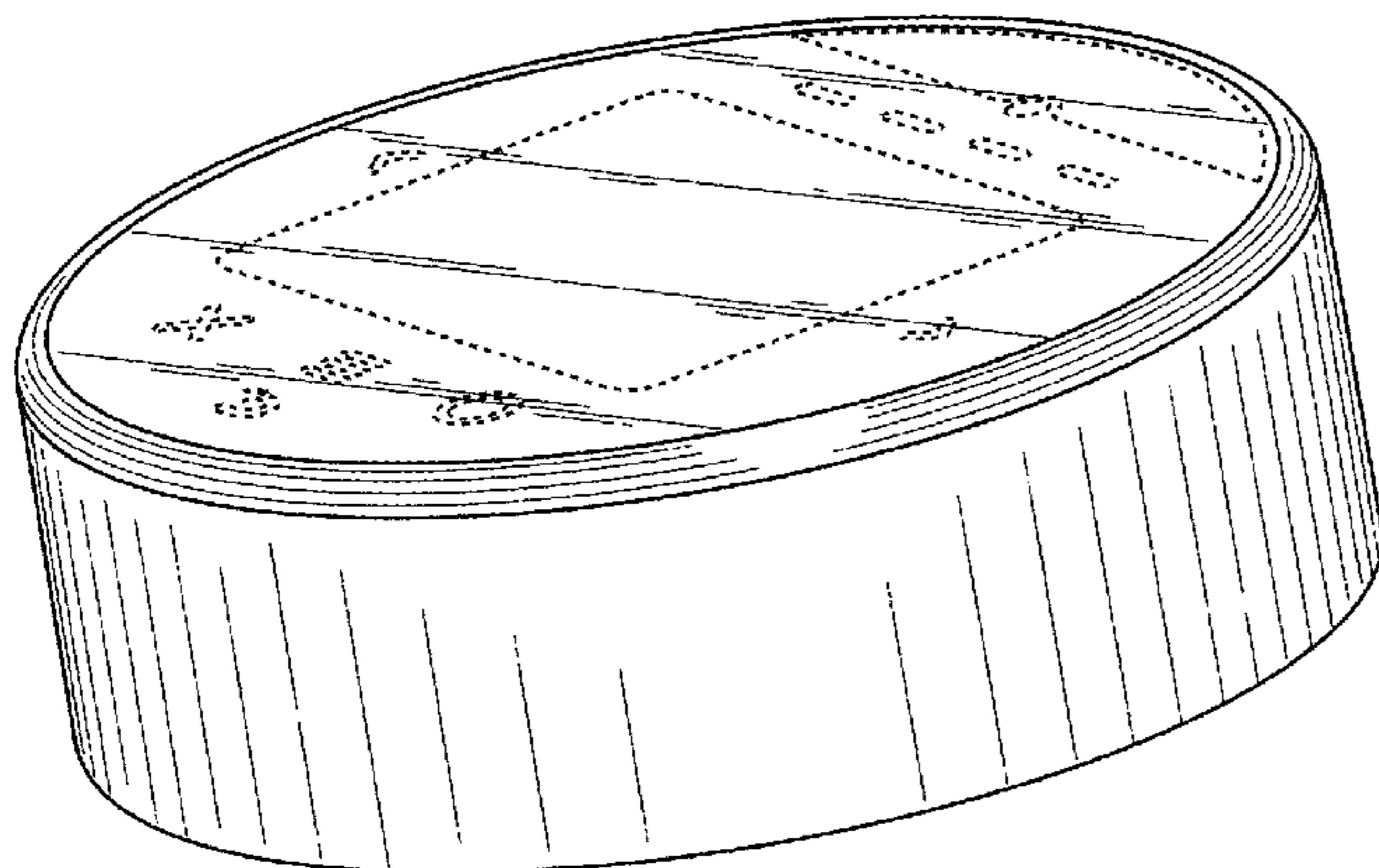
(57) **CLAIM**

I claim the ornamental design for a cashless payment device for unattended machines, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a cashless payment device for unattended machines showing my new design; FIG. 2 is a front elevational view thereof, with the rear, right, and left sides being identical thereto; FIG. 3 is a bottom elevational view thereof; and, FIG. 4 is a top elevational view thereof. The broken lines in the drawings depict unclaimed features of the top surface and form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D512,898 S \* 12/2005 Metivier ..... D10/106.1  
 D515,957 S \* 2/2006 Dueker ..... D10/109.1  
 D528,146 S \* 9/2006 Fitch ..... D14/336  
 D530,523 S \* 10/2006 Pitot ..... D6/308  
 D542,791 S \* 5/2007 Fitch ..... D14/385  
 D543,588 S \* 5/2007 Herbert ..... D18/4.6  
 D560,219 S \* 1/2008 Yamakawa ..... D14/385  
 D561,904 S \* 2/2008 Neel ..... D24/216  
 D564,014 S \* 3/2008 Spence ..... D18/4.6  
 D569,866 S \* 5/2008 Turpault ..... D14/385  
 D570,348 S \* 6/2008 Turpault ..... D14/385  
 D586,346 S \* 2/2009 Robinson ..... D14/383  
 D586,813 S \* 2/2009 Colburn ..... D14/385  
 D591,291 S \* 4/2009 Robinson ..... D14/383  
 D619,117 S \* 7/2010 Unruh ..... D14/203.6  
 D624,518 S \* 9/2010 Li ..... D14/138 AB  
 D624,915 S \* 10/2010 Ferreira Sanchez ..... D14/385  
 D637,189 S \* 5/2011 Hemming ..... D14/385  
 D643,844 S \* 8/2011 Akana ..... D14/447  
 D662,939 S \* 7/2012 Akana ..... D14/447  
 D671,118 S \* 11/2012 Wesolek ..... D14/385  
 D675,616 S \* 2/2013 Ahmed ..... D14/385  
 D677,239 S \* 3/2013 Todorovitch ..... D14/131  
 D678,935 S \* 3/2013 Wesolek ..... D18/4.4  
 D683,794 S \* 6/2013 Randall ..... D20/8  
 D683,795 S \* 6/2013 Randall ..... D20/8  
 D690,771 S \* 10/2013 Randall ..... D20/9  
 D701,860 S \* 4/2014 Daniel ..... D14/385  
 D705,103 S \* 5/2014 Leasure ..... D10/101  
 D715,015 S \* 10/2014 Measom ..... D99/43  
 D718,234 S \* 11/2014 Rautiainen ..... D13/108  
 D720,289 S \* 12/2014 Chiang ..... D13/108  
 D724,588 S \* 3/2015 Miskiewicz ..... D14/385  
 D725,285 S \* 3/2015 Wohlstadter ..... D14/336  
 D725,524 S \* 3/2015 Takach ..... D10/103  
 D726,179 S \* 4/2015 Orthey ..... D14/358

D726,672 S \* 4/2015 Olodort ..... D14/138 G  
 D727,428 S \* 4/2015 Sagady ..... D20/8  
 D730,355 S \* 5/2015 Daniel ..... D14/385  
 D735,131 S \* 7/2015 Akana ..... D13/108  
 D750,980 S \* 3/2016 Takach ..... D10/50  
 D751,538 S \* 3/2016 Koehler ..... D14/240  
 D752,588 S \* 3/2016 Li ..... D14/385  
 D760,221 S \* 6/2016 Maruyama ..... D14/357  
 D770,430 S \* 11/2016 Lee ..... D14/240  
 D783,422 S \* 4/2017 Kashimoto ..... D10/50  
 D786,193 S \* 5/2017 Akana ..... D13/108  
 D786,200 S \* 5/2017 Lagerstedt ..... D14/358  
 D786,723 S \* 5/2017 Christie ..... D10/96  
 D792,220 S \* 7/2017 Simons ..... D7/396.2  
 D804,306 S \* 12/2017 Simons ..... D9/454  
 D807,867 S \* 1/2018 Kato ..... D14/240  
 D808,383 S \* 1/2018 Kranz ..... D14/341  
 D808,958 S \* 1/2018 Ha ..... D14/341  
 D817,298 S \* 5/2018 Adachi ..... D14/158  
 D820,238 S \* 6/2018 Boshemitzan ..... D14/218  
 D820,318 S \* 6/2018 Mullins ..... D14/496  
 D829,714 S \* 10/2018 Robinson ..... D14/356  
 D830,858 S \* 10/2018 Rogers ..... D10/41  
 2003/0132293 A1 \* 7/2003 Fitch ..... G06Q 20/00  
 235/383  
 2014/0166747 A1 \* 6/2014 Wormsley ..... G07F 7/0873  
 235/380  
 2016/0148457 A1 \* 5/2016 Carrillo ..... G07F 7/0873  
 235/435

OTHER PUBLICATIONS

MONEXgroups Contactless Only Self Serve Payments Solution for Unattended Vending and Kiosks. (online video) 1 pg. Sep. 7, 2016. [Retrieved on Jul. 17, 2019] <https://www.youtube.com/watch?v=YPU5dmTLReA>.\*

\* cited by examiner

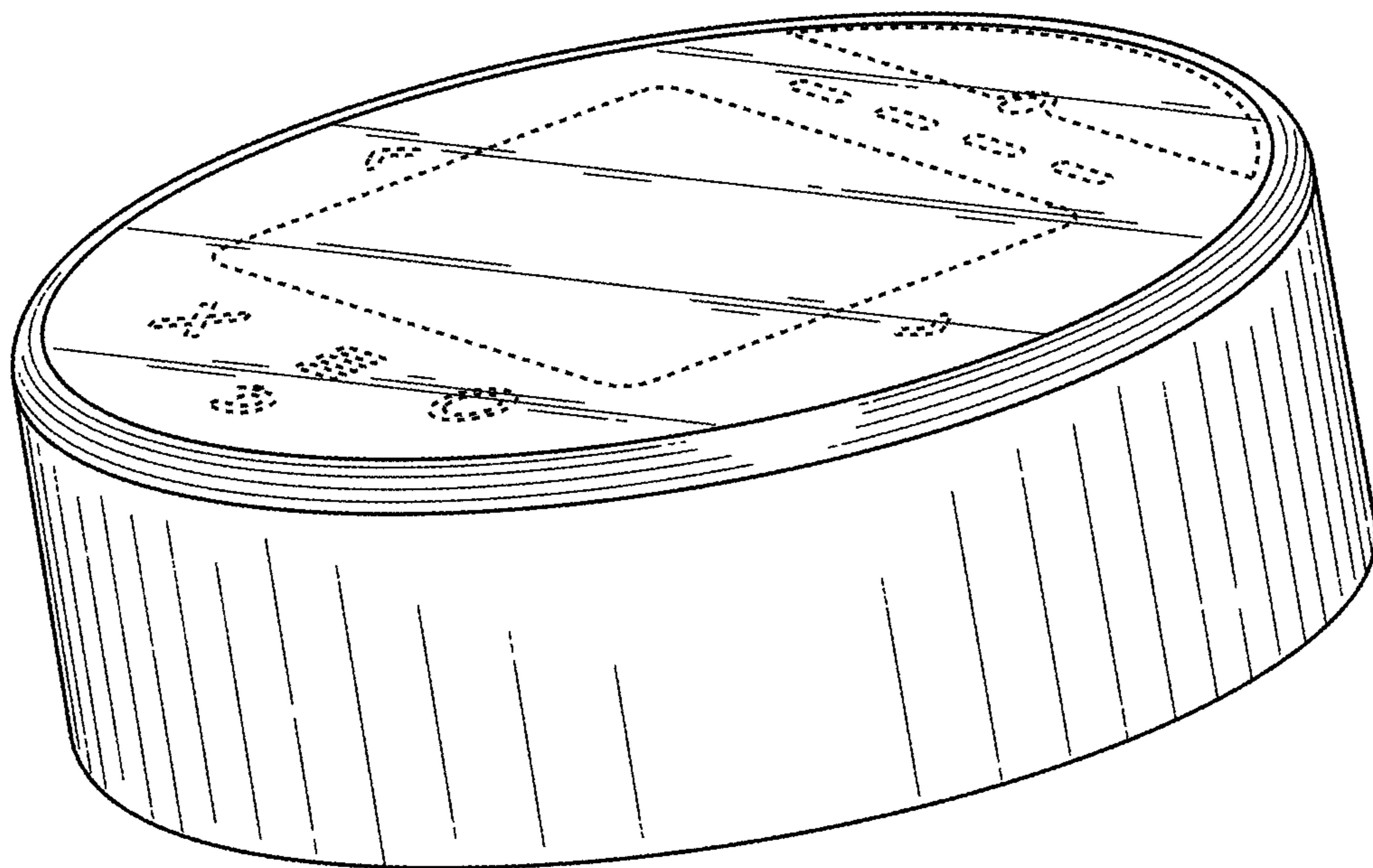


FIG. 1

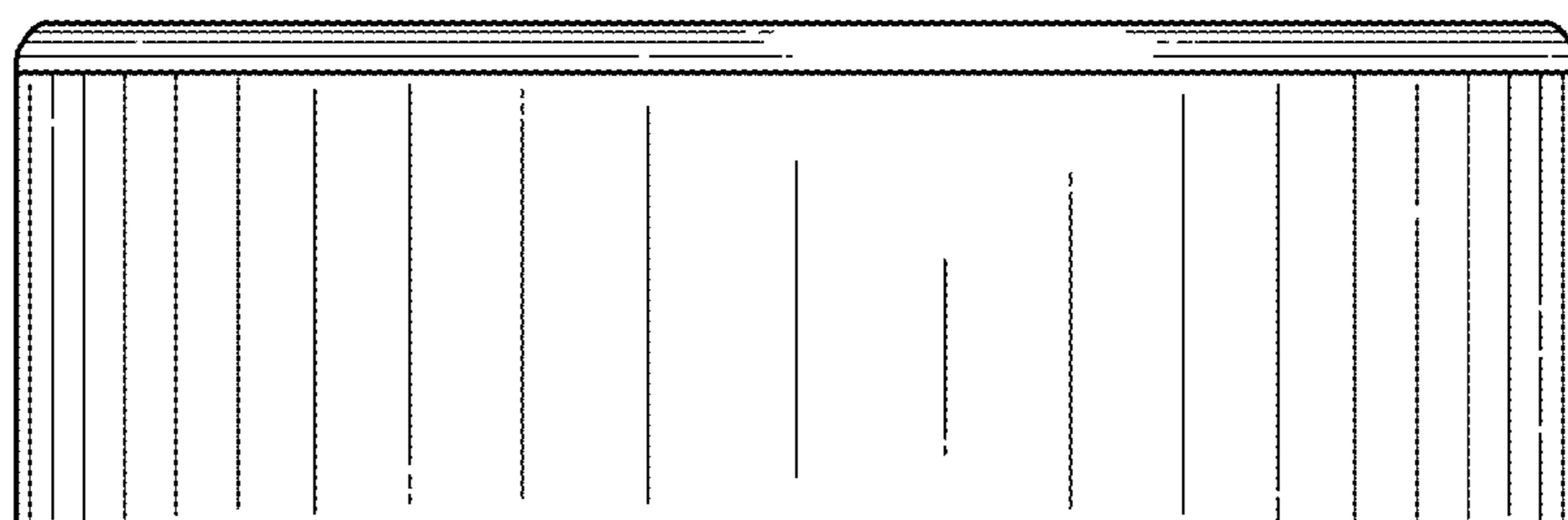


FIG. 2

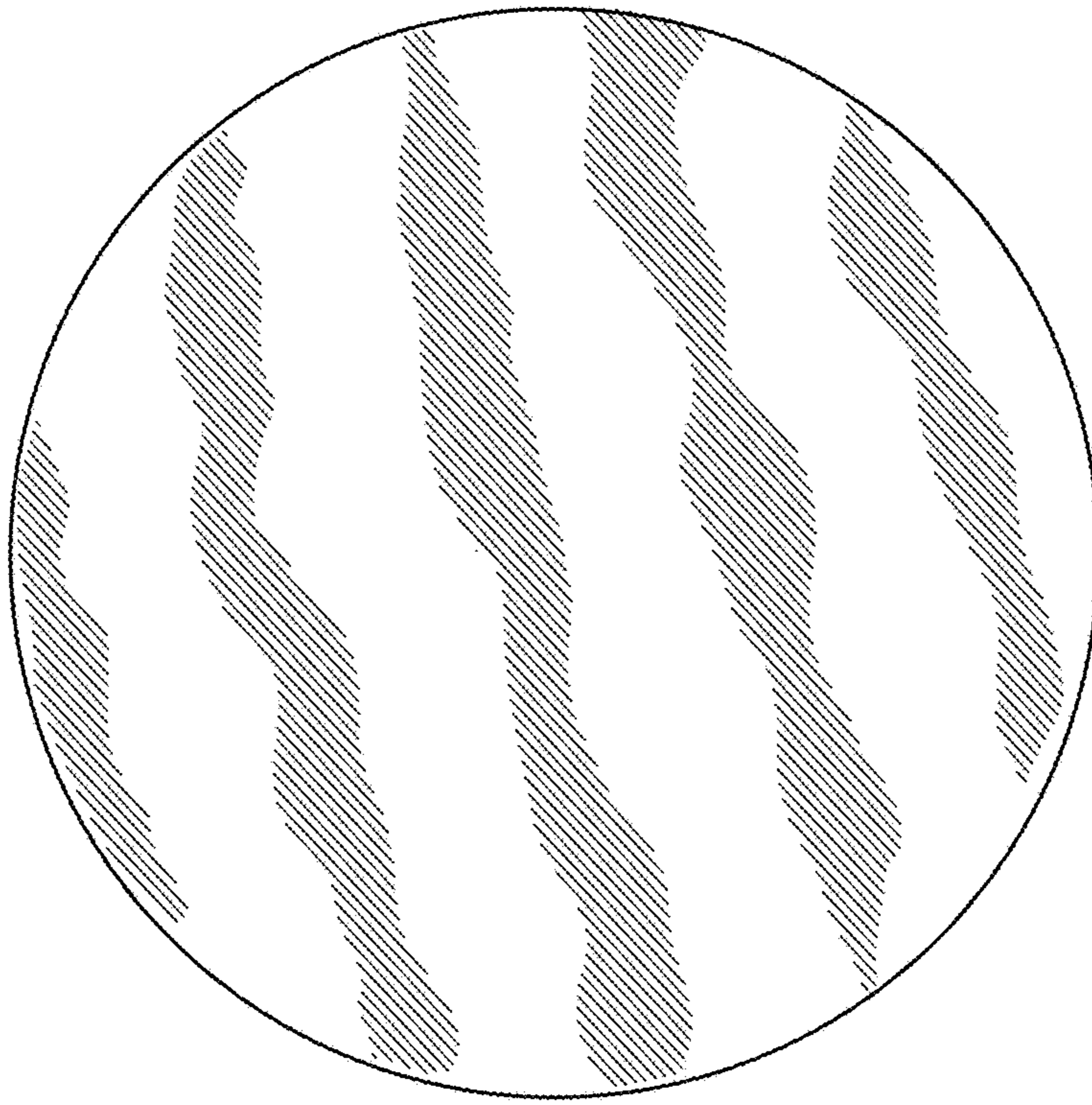


FIG. 3

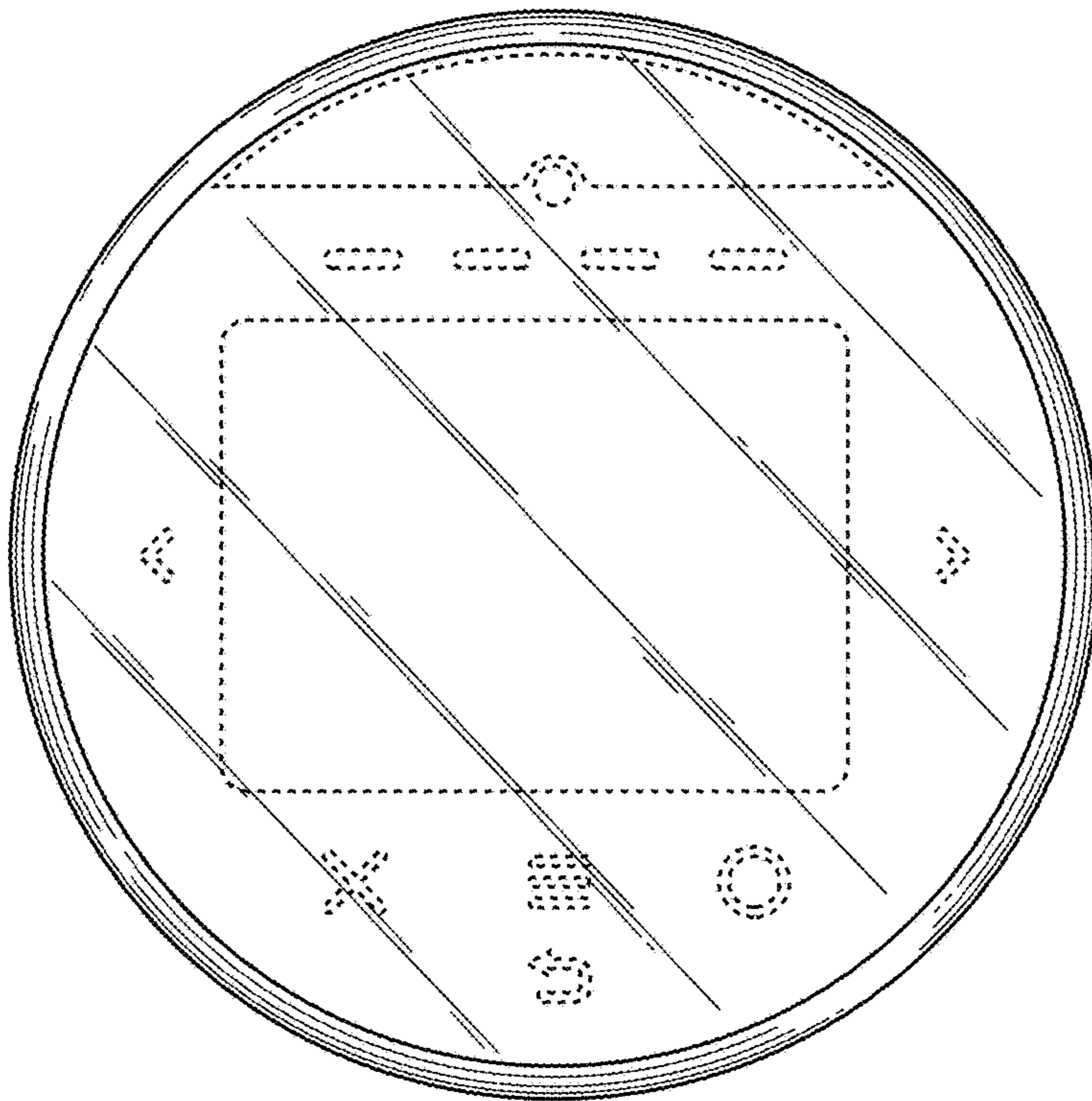


FIG. 4