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(12) **United States Design Patent** (10) **Patent No.:** **US D830,811 S**  
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- (54) **UNIVERSAL ELECTRONICS LOCK**
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- (\*\*) Term: **15 Years**
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- (51) **LOC (11) Cl.** ..... **08-07**
- (52) **U.S. Cl.**  
USPC ..... **D8/330; D8/331; D8/334; D8/343; D8/346**
- (58) **Field of Classification Search**  
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CPC ..... E05B 67/36; E05B 65/48; E05B 17/18; E05B 63/00; E05B 65/00; F16L 19/00; F16L 25/00; F16L 35/00; F16L 37/10  
See application file for complete search history.

- (56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
2,043,872 A \* 6/1936 Wise ..... F16B 41/005 70/232  
4,784,555 A \* 11/1988 Cantrell ..... F16B 37/14 403/372  
4,884,422 A 12/1989 Wolter  
5,144,821 A \* 9/1992 Ernesti ..... E05B 67/006 292/DIG. 69  
D360,910 S \* 8/1995 Frederiksen ..... D21/488  
D376,568 S \* 12/1996 Davidson ..... D12/126

- 5,649,437 A \* 7/1997 Royka, Jr. .... E03B 9/06 137/382
- 5,664,445 A 9/1997 Chang
- 6,494,658 B1 \* 12/2002 Roy ..... F16B 33/008 411/372.5
- 6,532,780 B1 3/2003 Frantz
- 6,719,511 B2 4/2004 Notaro et al.
- D565,387 S \* 4/2008 Remark ..... D8/330
- D569,226 S \* 5/2008 Brewster ..... D8/346
- 7,409,843 B1 8/2008 Rinehart
- 7,930,914 B1 \* 4/2011 Taylor ..... E05B 67/383 70/14

(Continued)

**OTHER PUBLICATIONS**

Trailer Coupler Lock product image. Reese Products, 2017 (retrieved on Jul. 31, 2017) Retrieved from the internet URL: <http://www.reeseprod.com/products/trailer-accessories/coupler-locks/trailer-coupler-lock/WV5koOuIjGVYPeJBYBL675Wv26xGTpSpHHNuNorh5ZI=>.

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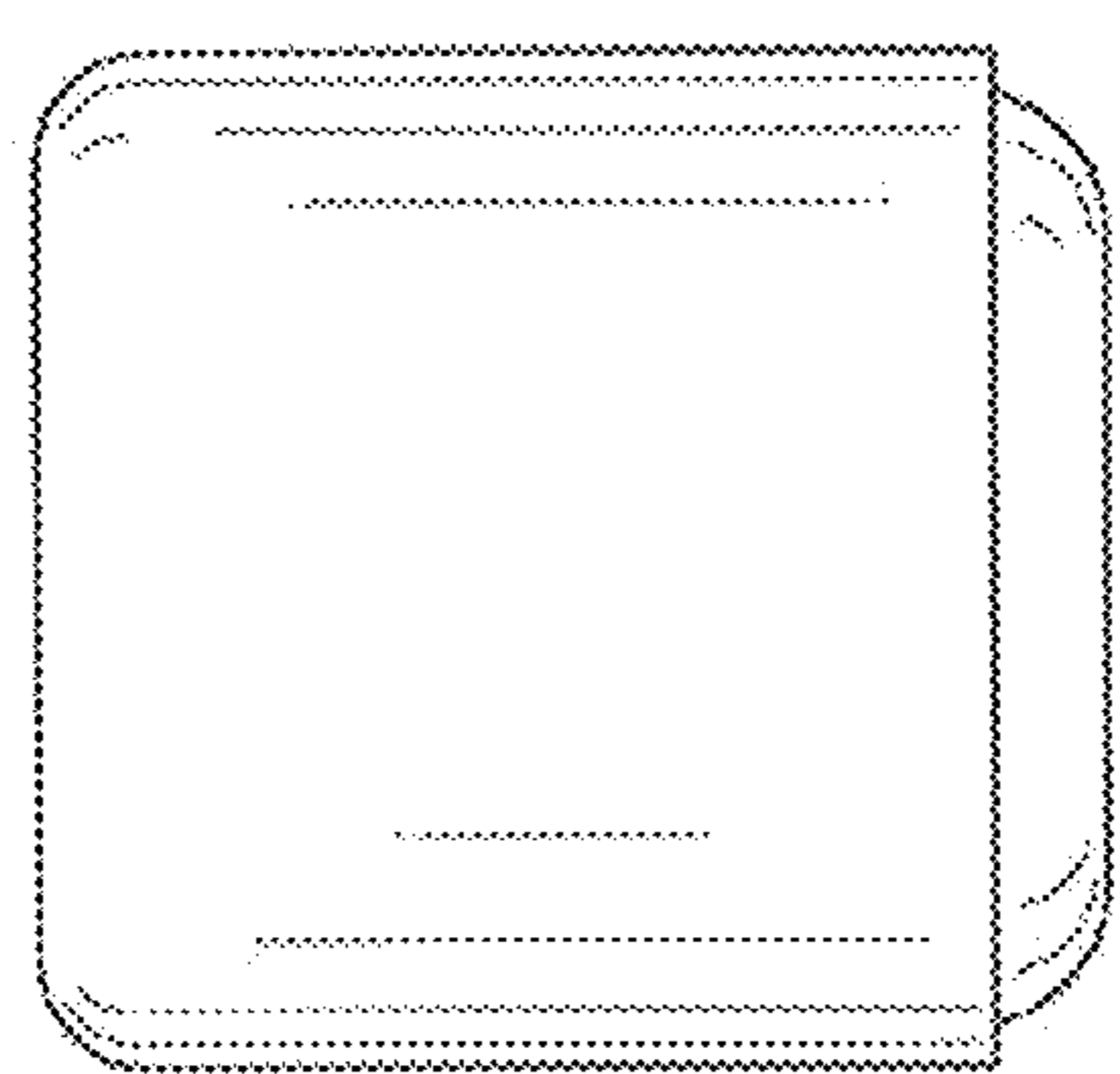
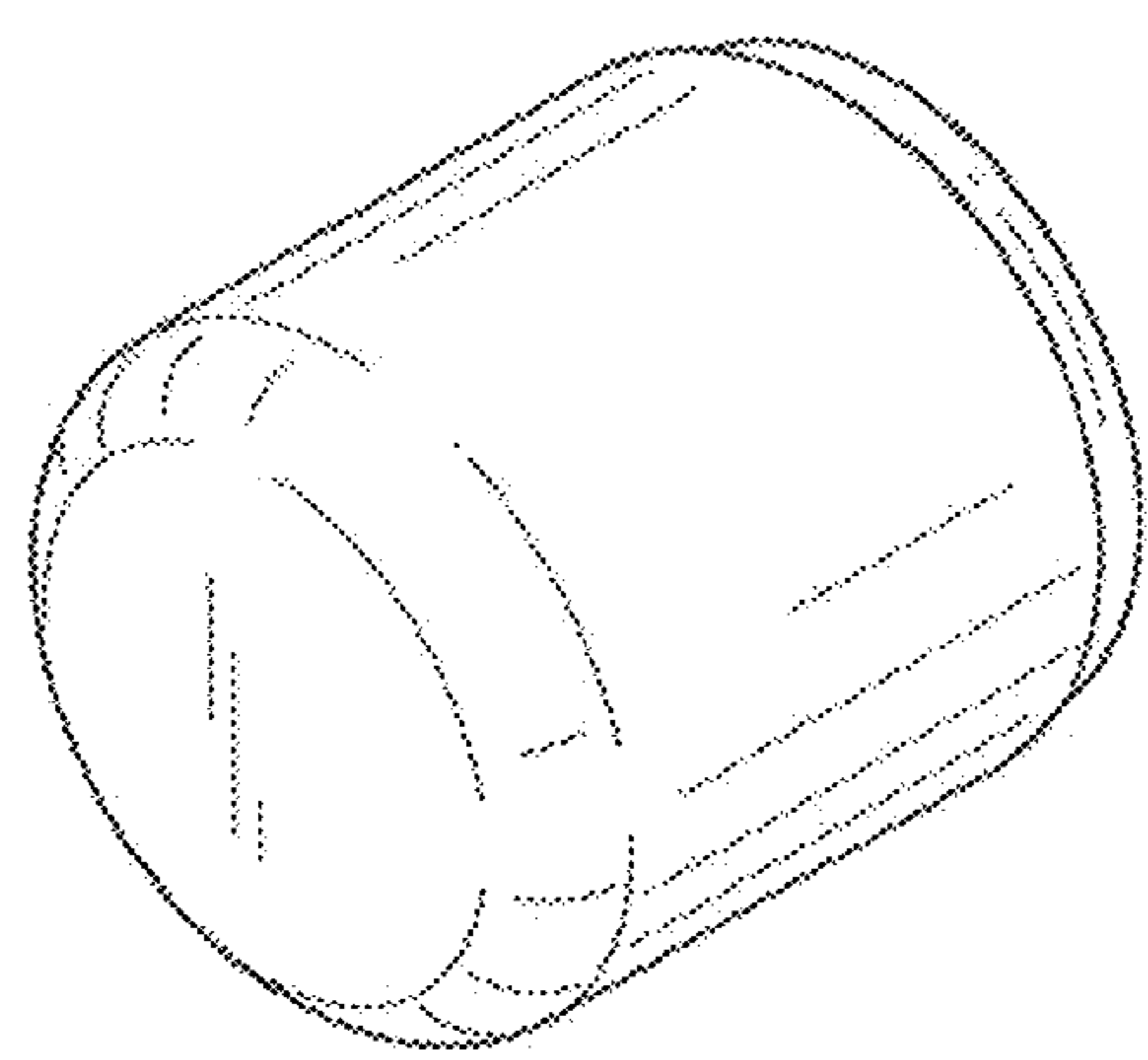
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(57) **CLAIM**  
The ornamental design for a universal electronics lock, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top, right side perspective view of a universal electronics lock, showing my new design; FIG. 2 is a right side elevation view thereof, the left side elevational view being a mirror image of the right side elevation view; FIG. 3 is a top plan view thereof, the bottom plan view being a mirror image of the top plan view; FIG. 4 is a front elevation view thereof; and, FIG. 5 is a rear elevation view thereof.

**1 Claim, 2 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

8,276,415 B2 \* 10/2012 Trempala ..... E05B 47/063  
340/5.7  
D769,696 S \* 10/2016 Davis ..... D8/330  
D793,840 S \* 8/2017 Richardson ..... D8/330  
2011/0036129 A1 2/2011 Frantz

OTHER PUBLICATIONS

Towing Receiver Lock product image WALMART 2017 (retrieved on Jul. 31, 2017). Retrieved from the internet: <URL: <https://www.walmart.com/ip/Reese-Towpower-Elite-Towing-Receiver-Lock-Black-Nickel/16880808?wmlspartner=wlpa&selectedSellerId=0>>.

\* cited by examiner

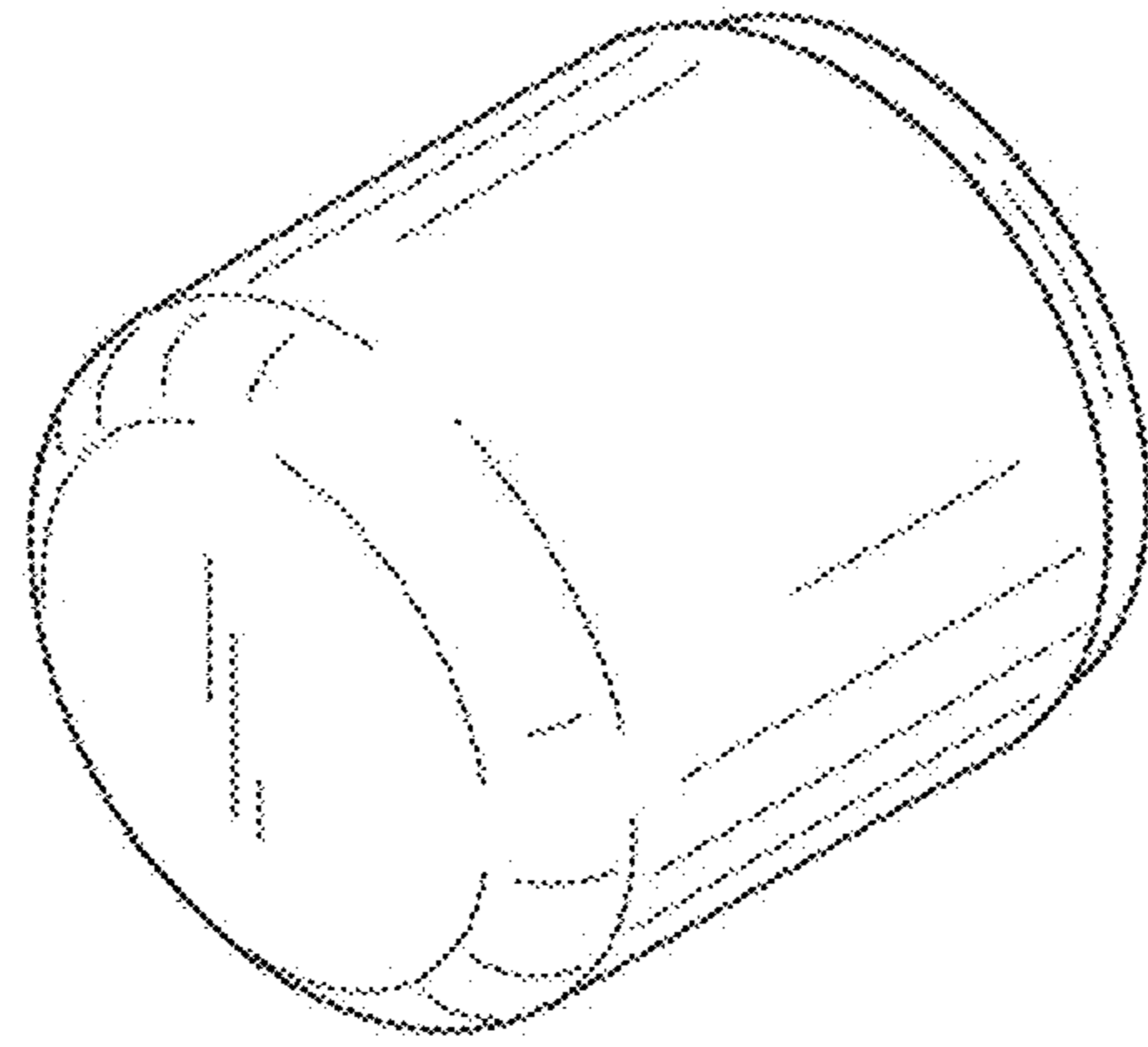


FIG. 1

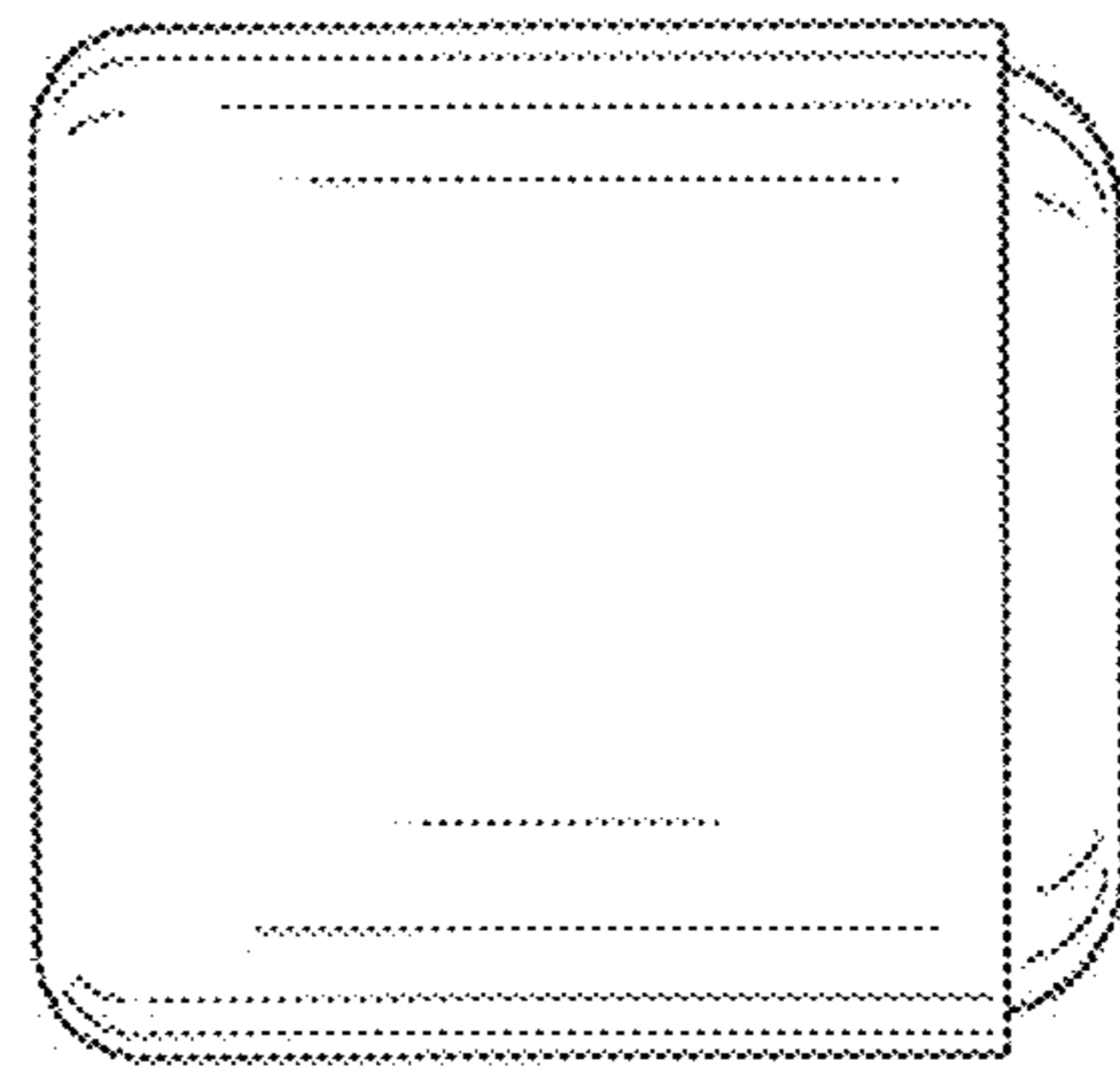


FIG. 2

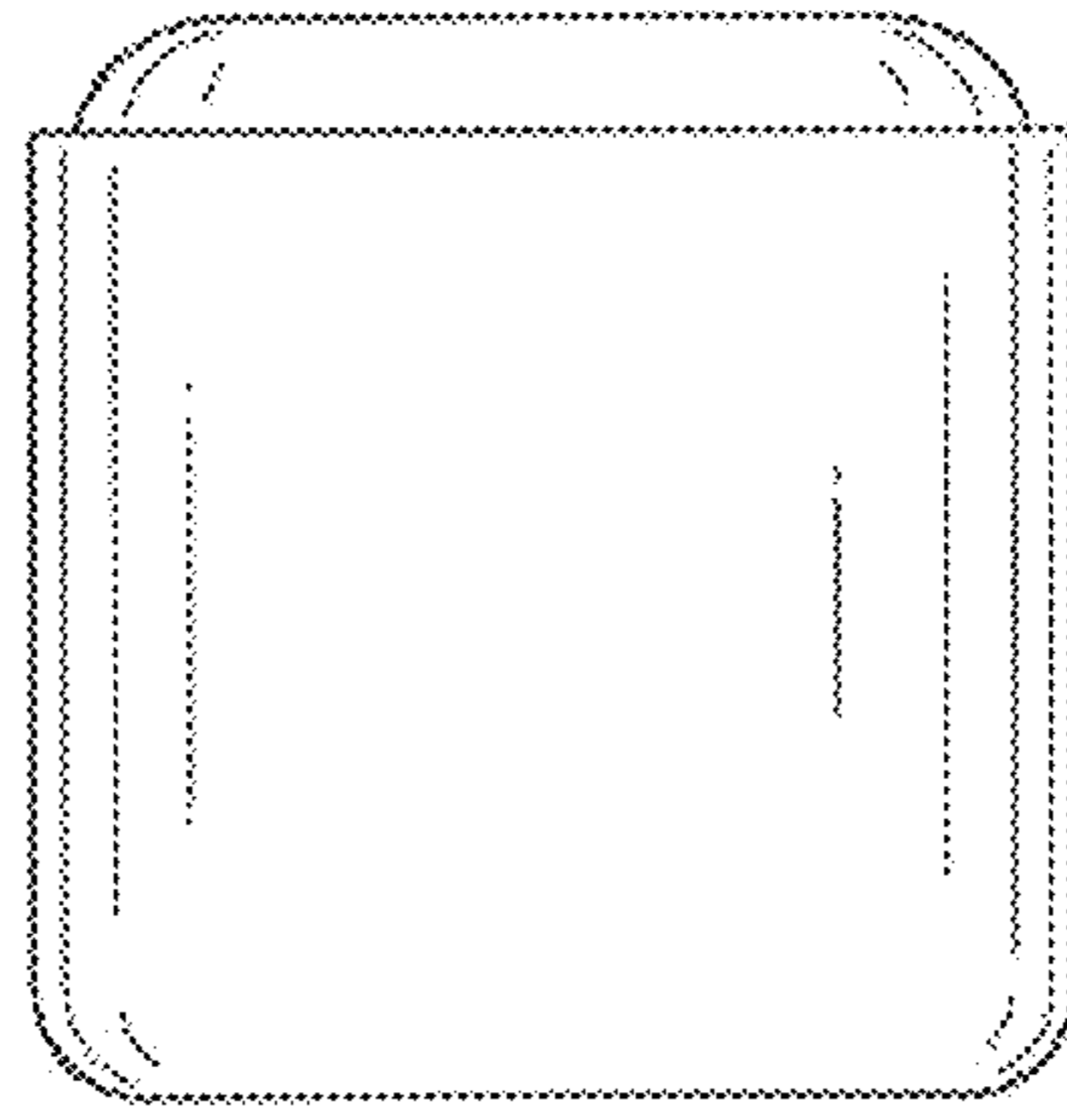


FIG. 3

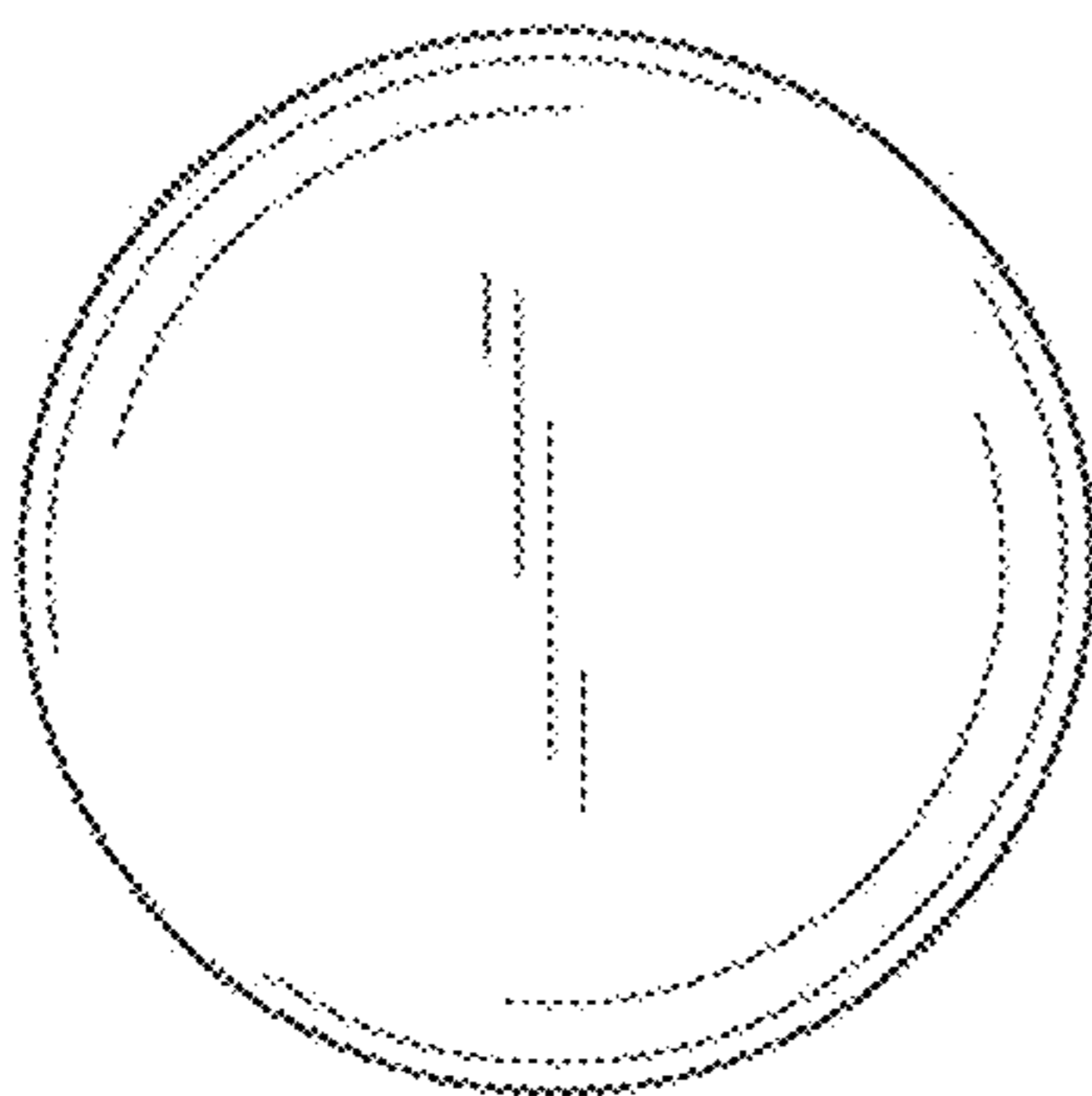


FIG. 4

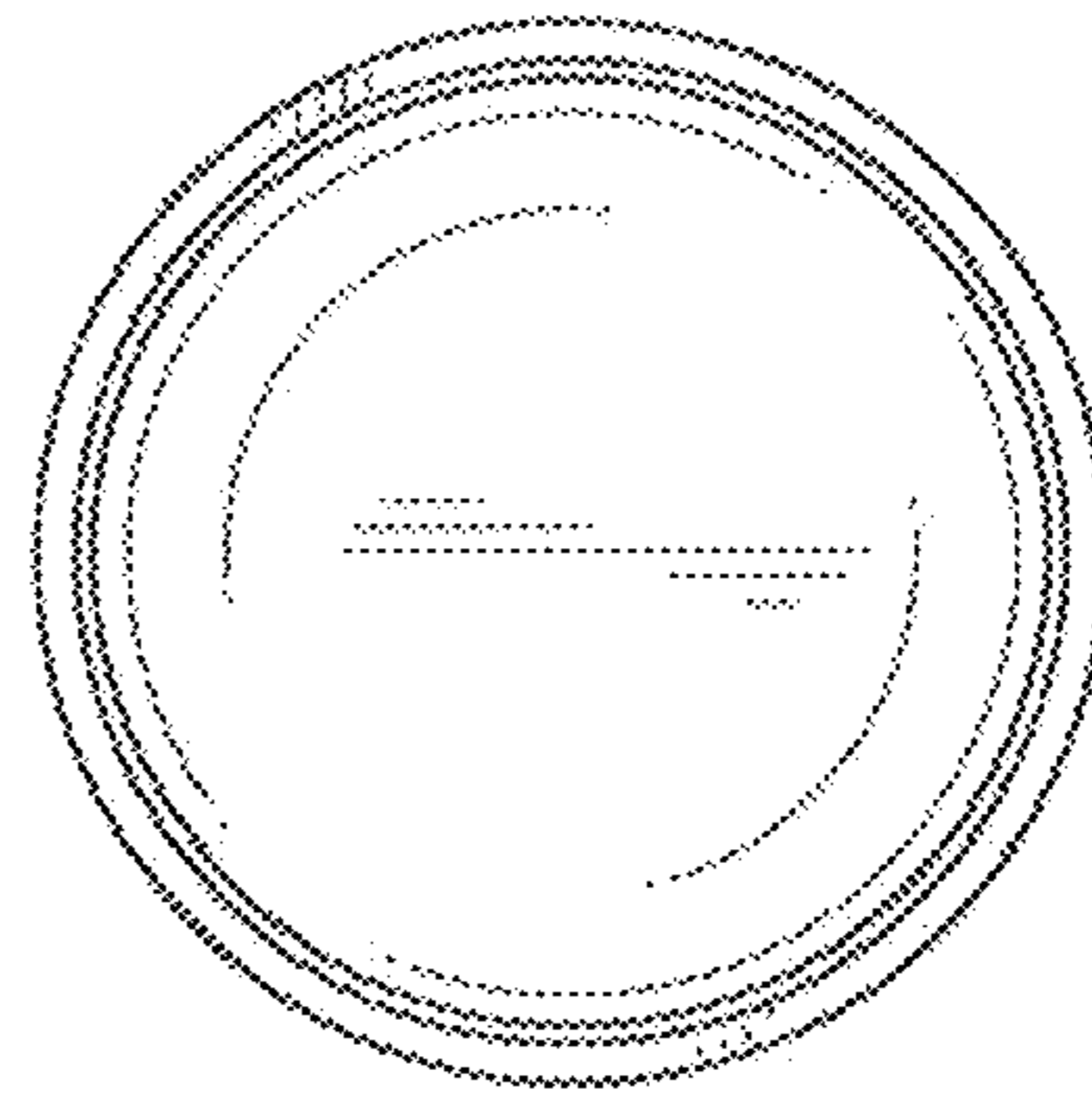


FIG. 5