



US00D769964S

(12) **United States Design Patent** (10) **Patent No.:** **US D769,964 S**  
**Lu** (45) **Date of Patent:** **\*\* Oct. 25, 2016**

(54) **CALCULATOR WITH WIRELESS DIGITAL KEYBOARD**

(71) Applicant: **Shenzhen Loyal Electronics Co., Ltd.**, Shenzhen (CN)

(72) Inventor: **Zhichun Lu**, Shenzhen (CN)

(73) Assignee: **SHENZHEN LOYAL ELECTRONICS CO., LTD.**, Shenzhen (CN)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/516,291**

(22) Filed: **Jan. 30, 2015**

(30) **Foreign Application Priority Data**

Dec. 22, 2014 (CN) ..... 2014 3 0544726

(51) **LOC (10) Cl.** ..... **18-01**

(52) **U.S. Cl.**  
USPC ..... **D18/7; D14/399**

(58) **Field of Classification Search**  
USPC ..... D14/399, 320, 331, 333, 338, 346, 387, D14/388-392, 455, 456, 150, 218, 247; D18/6, 7, 8, 12, 12.1, 12.2, 24, 29; D21/324-333, 517, 512  
CPC ..... G06F 15/0258; G06F 15/0225; G06F 15/029; G06F 1/1624; G06F 1/1626; G06F 1/1656; G06F 1/1662-1/1671; G06F 1/16; G06F 3/0202; G06F 3/0219; G06F 3/0208; G06F 3/021; G06F 3/0213; G06F 3/0216  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D219,589 S \* 12/1970 Miller ..... D14/396  
D233,349 S \* 10/1974 Bellini ..... D18/7  
D279,107 S \* 6/1985 Kikuchi ..... D18/7  
D310,209 S \* 8/1990 Kasprzycki ..... D14/346  
D311,385 S \* 10/1990 Arkin ..... D14/399

D316,549 S \* 4/1991 Hampf ..... D14/159  
D318,463 S \* 7/1991 Yomo ..... D14/399  
D327,881 S \* 7/1992 McFarlane ..... D14/399  
D329,848 S \* 9/1992 Mizusugi ..... D14/399  
D347,835 S \* 6/1994 Zarnowitz ..... D14/399  
D350,559 S \* 9/1994 Lassberg ..... D18/11  
5,412,586 A \* 5/1995 Oldfather ..... G06F 3/023  
708/140  
D386,751 S \* 11/1997 Michael, III ..... D14/346  
D394,079 S \* 5/1998 Leung ..... D18/2

(Continued)

**OTHER PUBLICATIONS**

Bluetooth Calculator Returns the Number Pad Apples Keyboard Stole From You. gizmodo.com (online) 15 pages. Poste Dec. 15, 2011 [retrieved on May 6, 2016]. Retrieved from Internet: <http://gizmodo.com/5868447/bluetooth-calculator-returns-the-number-pad-apples-keyboard-stole-from-you>.\*

(Continued)

*Primary Examiner* — Susan Bennett Hattan

*Assistant Examiner* — Marie Fast Horse

(74) *Attorney, Agent, or Firm* — Anova Law Group, PLLC

(57) **CLAIM**

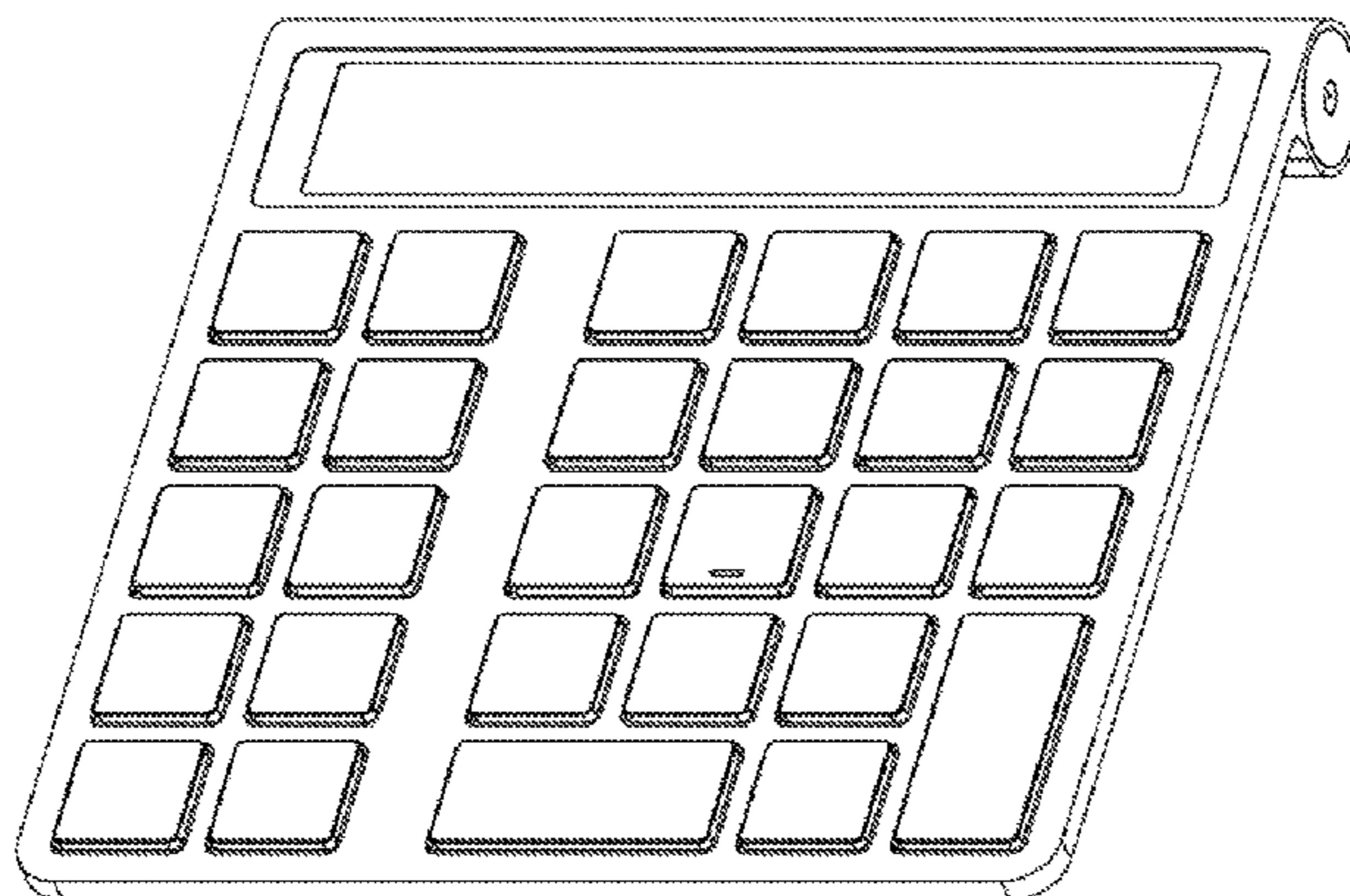
The ornamental design for a calculator with wireless digital keyboard, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a calculator with wireless digital keyboard in accordance with the present invention; FIG. 2 is a front view of FIG. 1; FIG. 3 is a rear view of FIG. 1; FIG. 4 is a left side view of FIG. 1; FIG. 5 is a right side view of FIG. 1; FIG. 6 is a top view of FIG. 1; and, FIG. 7 is a bottom view of FIG. 1.

The broken lines in FIG. 4 depict parts of the calculator with wireless digital keyboard that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D408,442 S \* 4/1999 Lun ..... D18/11  
 6,114,977 A \* 9/2000 Smith ..... G06F 3/0219  
 341/20  
 D440,566 S \* 4/2001 Chou ..... D14/391  
 D491,945 S \* 6/2004 Sheehan ..... D14/399  
 D492,308 S \* 6/2004 Ozolins ..... D14/391  
 D516,070 S \* 2/2006 Ozolins ..... D14/391  
 7,253,750 B2 \* 8/2007 Sheehan ..... G06F 3/021  
 341/176  
 D598,451 S \* 8/2009 Andre ..... D14/392  
 D604,301 S \* 11/2009 Manalo ..... D14/399  
 D614,186 S \* 4/2010 Wong ..... D14/392  
 D625,310 S \* 10/2010 Andre ..... D14/392  
 D627,783 S \* 11/2010 Sato ..... D14/391  
 D633,093 S \* 2/2011 Andre ..... D14/392  
 D641,021 S \* 7/2011 Andre ..... D14/392  
 D649,549 S \* 11/2011 Andre ..... D14/392  
 D664,144 S \* 7/2012 Akana ..... D14/389  
 D667,404 S \* 9/2012 Akana ..... D14/389  
 8,289,279 B2 \* 10/2012 Kirtley ..... G06F 3/0208  
 345/168  
 D691,607 S \* 10/2013 Kim ..... D14/399  
 D724,589 S \* 3/2015 Ozolins ..... D14/392  
 D735,719 S \* 8/2015 Ozolins ..... D14/392  
 2002/0075237 A1 \* 6/2002 Chou ..... G06F 3/021  
 345/168  
 2007/0045392 A1 \* 3/2007 Youens ..... G06F 1/1632  
 235/145 R

2007/0091551 A1 \* 4/2007 Chen ..... G06F 3/021  
 361/679.17  
 2008/0048985 A1 \* 2/2008 Kawami ..... G06F 1/1601  
 345/168  
 2012/0001852 A1 \* 1/2012 Ho ..... G06F 3/021  
 345/168  
 2012/0039650 A1 \* 2/2012 Cvek ..... G06F 3/021  
 400/472

OTHER PUBLICATIONS

SMK-Link iCalc Bluetooth Calculator Keypad. itechnews.net  
 (online) 3 pages. Poste Jan. 31, 2013 [retrieved on May 6, 2016].  
 Retrieved from Internet: <http://www.itechnews.net/2013/01/31/smk-link-icalc-bluetooth-calculator-keypad-adds-a-numpadcalculator-to-apple-wireless-keyboard/>.  
 Belkin YourType Wireless Keypad. engadget.com. (online) 12  
 pages. Poste Oct. 15, 2013 [retrieved on May 6, 2016]. Retrieved  
 from Internet: <http://www.engadget.com/2013/10/15/belkin-yourtype-wireless-keypad-review-and-giveaway/>.  
 Belkin Wireless YourType Numeric Keypad for iMac and  
 MacBook. Apple.com. (online) 5 pages. Available as early as Oct.  
 20, 2013 [retrieved on May 9, 2016]. Retrieved from Internet:  
<http://www.apple.com/uk/shop/product/HD389ZM/B/belkin-wireless-yourtype-numeric-keypad-for-imac-and-macbook>.

\* cited by examiner

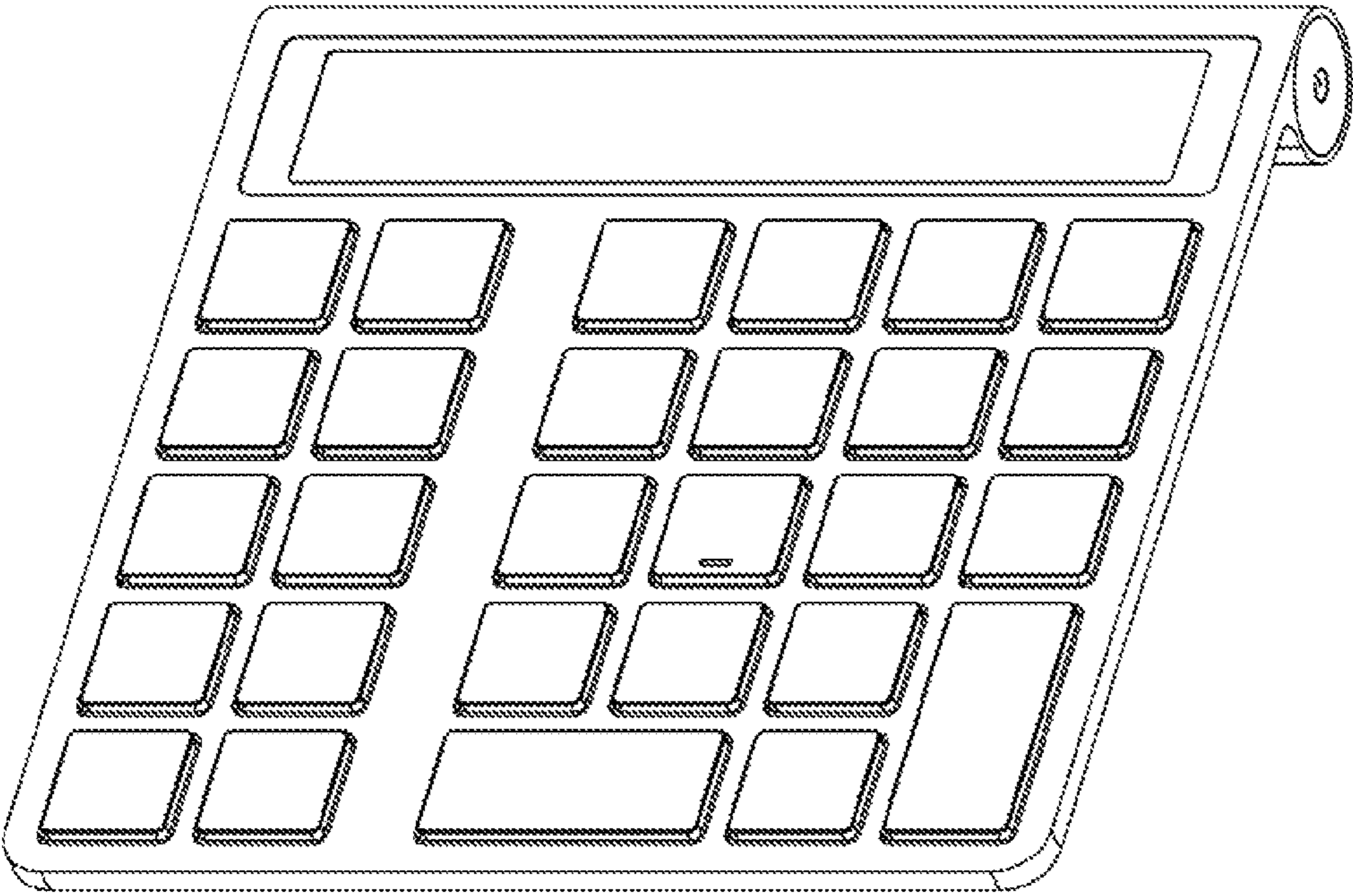


FIG. 1

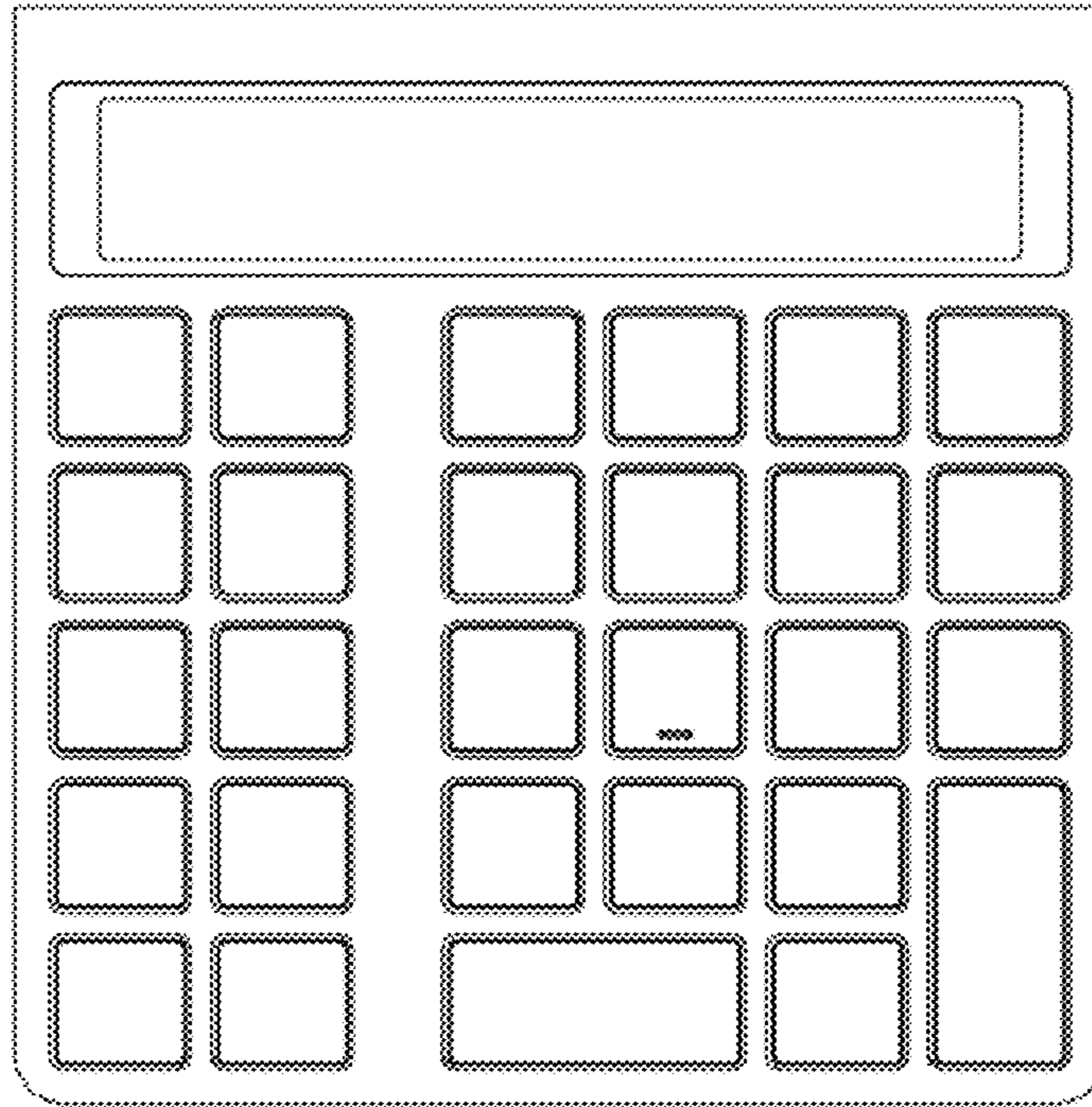


FIG. 2

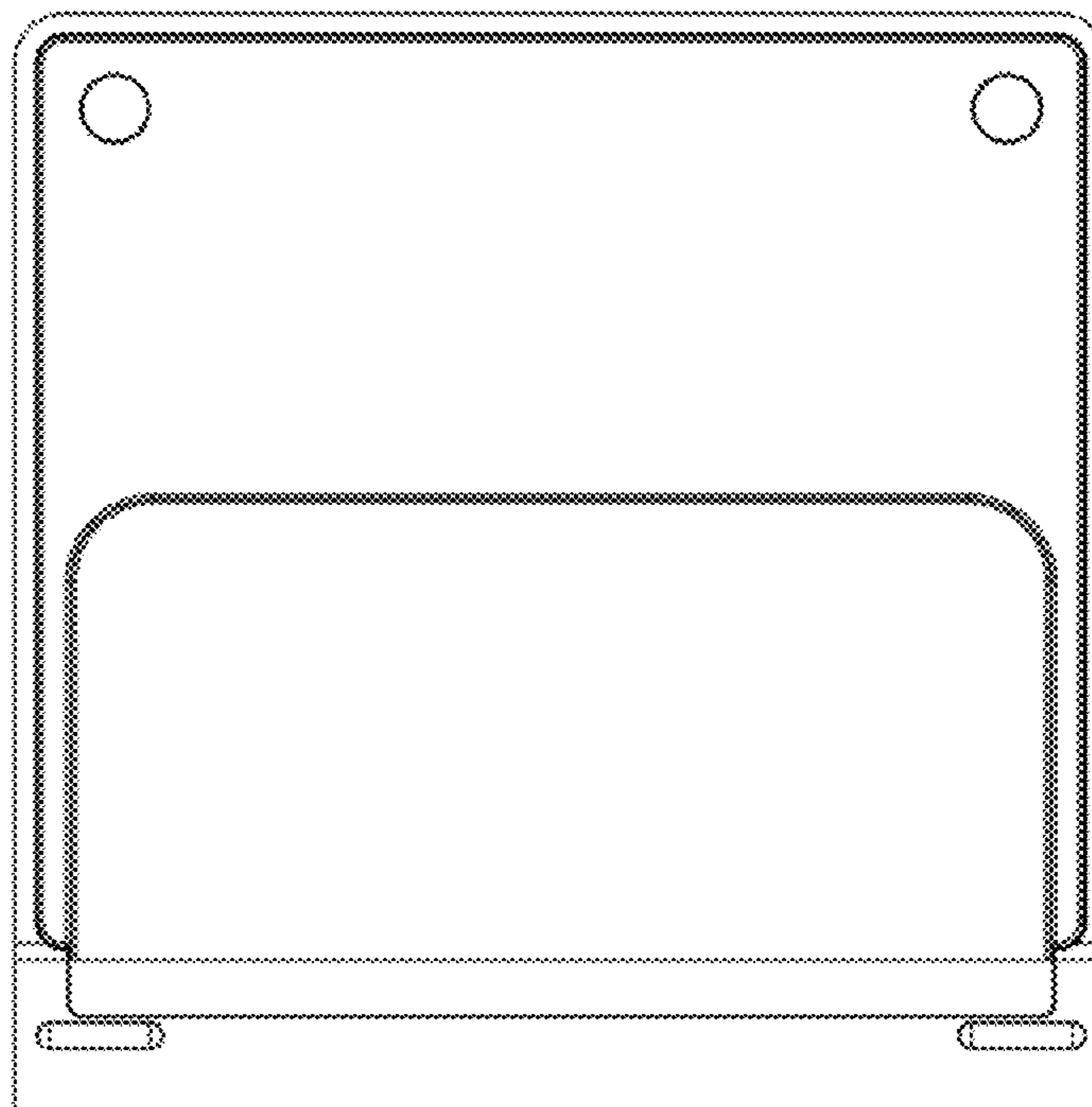


FIG. 3

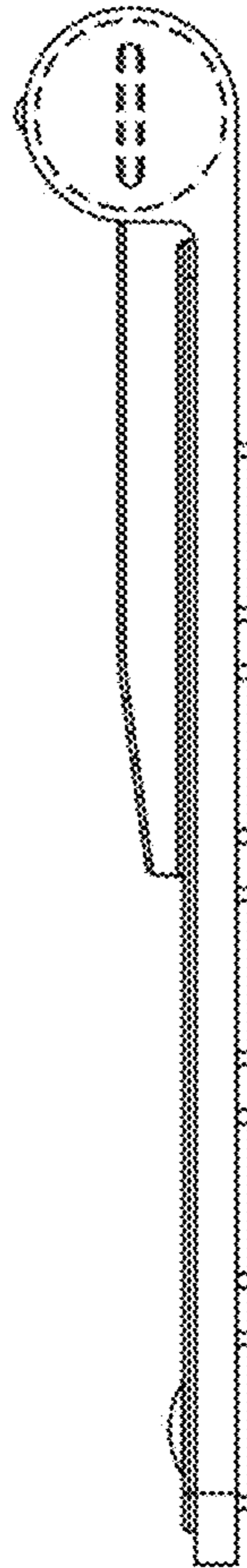


FIG. 4

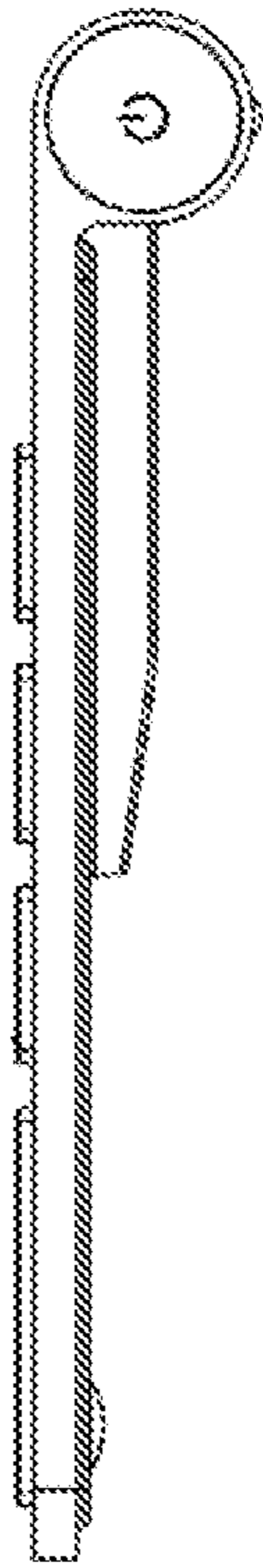


FIG. 5



FIG. 6

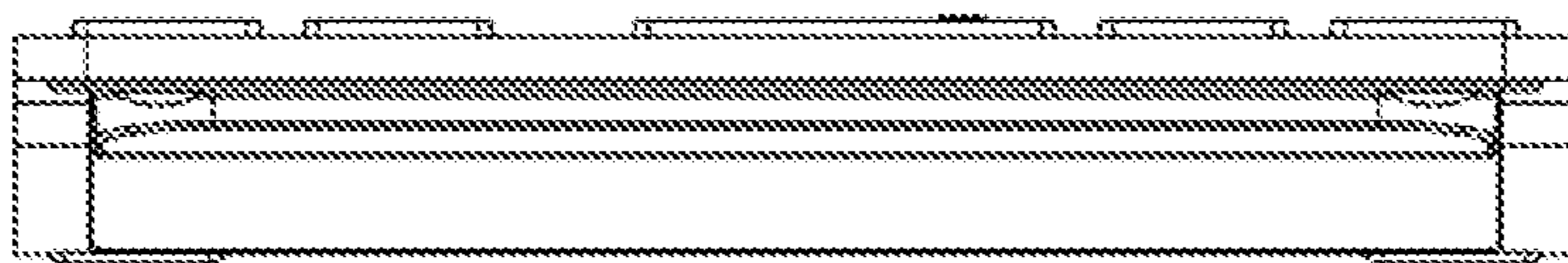


FIG. 7