



US00D943661S

(12) **United States Design Patent** (10) **Patent No.:** **US D943,661 S**
Park (45) **Date of Patent:** **** Feb. 15, 2022**

(54) **ELECTRONIC CALCULATOR**
(71) Applicant: **HAREX INFOTECH INC.**, Seoul (KR)
(72) Inventor: **Kyung Yang Park**, Seoul (KR)
(73) Assignee: **HAREX INFOTECH INC.**, Seoul (KR)
(**) Term: **15 Years**
(21) Appl. No.: **29/714,353**
(22) Filed: **Nov. 22, 2019**

3,979,058 A * 9/1976 Katz G06F 15/025
708/130
D242,357 S * 11/1976 Kellstedt, Jr. D18/7
D243,191 S * 1/1977 Pemberton D18/7
D243,957 S * 4/1977 Matsuda D18/7
4,017,725 A * 4/1977 Roen G06F 15/0216
361/679.09
D244,395 S * 5/1977 Garvey D18/7
D248,419 S * 7/1978 Beitler D18/7
D248,595 S * 7/1978 Beitler D18/7
D265,065 S * 6/1982 Yuki D10/78
D276,920 S * 12/1984 Peroni D18/11
D281,854 S * 12/1985 Grabovac D10/122
D282,815 S * 3/1986 Grabovac D10/83
D286,056 S * 10/1986 Kikuchi D18/7
D308,857 S * 6/1990 Bianco D14/339

(Continued)

(30) **Foreign Application Priority Data**
May 23, 2019 (KR) 30-2019-0024382
(51) **LOC (13) Cl.** **18-01**
(52) **U.S. Cl.**
USPC **D18/7**
(58) **Field of Classification Search**
USPC D18/6-11, 1, 2, 12, 4.1, 4.21; D14/314,
D14/338, 339, 129, 455; D19/128, 60;
D21/512
CPC . G06F 3/147; G06F 1/02; G06F 15/02; G06F
15/0216; G06G 3/00; G06G 3/02; G06G
3/04
See application file for complete search history.

OTHER PUBLICATIONS

Calculators. (Design—© Questel) orbit.com. [online PDF of Foreign references selected by Examiner] 47 pgs. Print Dates range Nov. 11, 2009-Aug. 3, 2021. [Retrieved Oct. 15, 2021] <https://www.orbit.com/export/QPTUJ214/pdf2/a510e365-34ad-4c9b-b319-efc7c6a96726-194838.pdf>.*

Primary Examiner — Marie D. Fast Horse
(74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC

(57) **CLAIM**

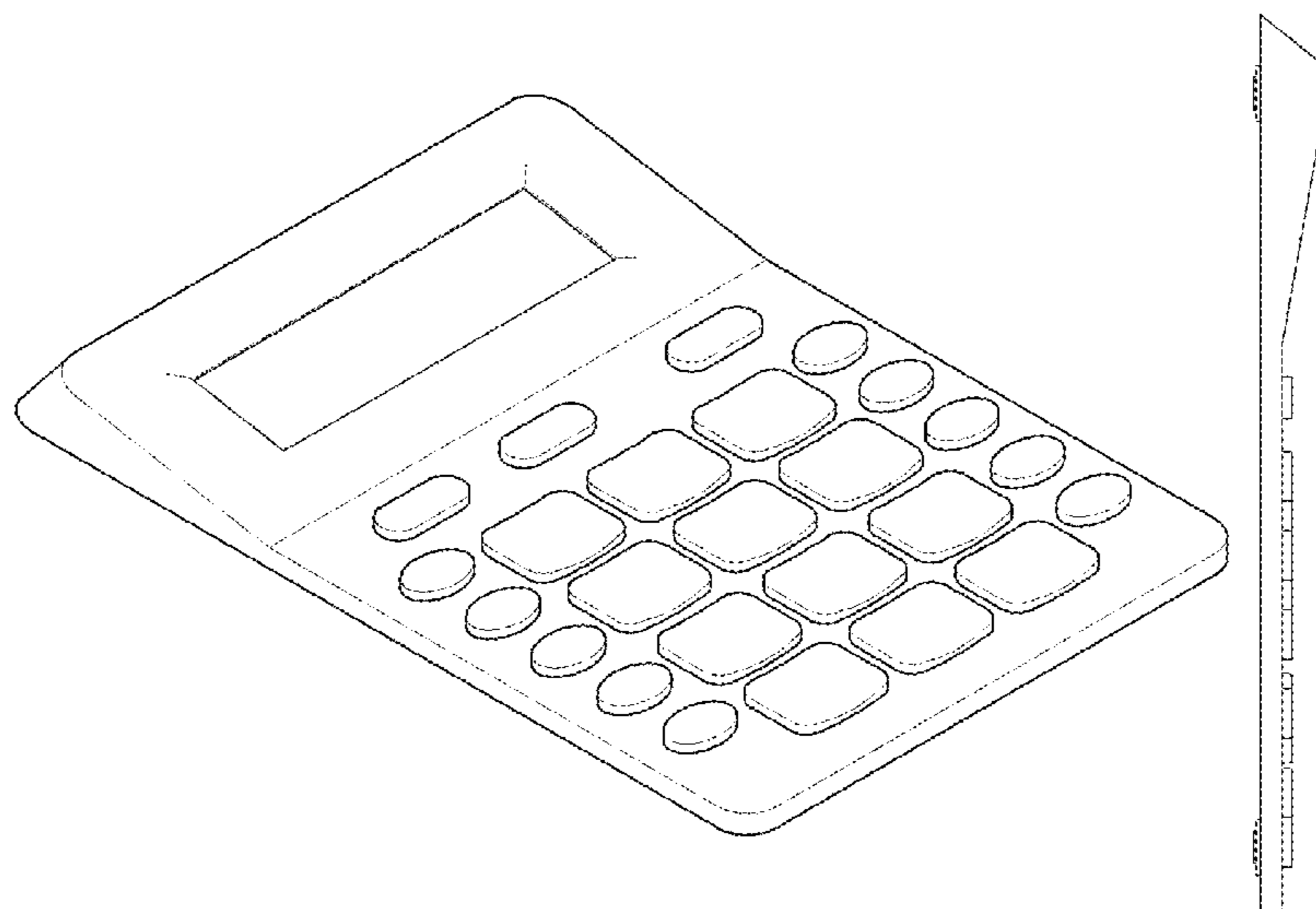
The ornamental design for a an electronic calculator, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an electronic calculator showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left view thereof;
FIG. 5 is a right view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 4 Drawing Sheets

(56) **References Cited**
U.S. PATENT DOCUMENTS
D212,784 S * 11/1968 Yoshida D18/7
D226,196 S * 1/1973 Liljenwall D18/6
D226,197 S * 1/1973 Liljenwall D18/6
D226,922 S * 5/1973 Gore D18/7
D227,114 S * 6/1973 Inatomi D14/339
D227,768 S * 7/1973 Di Benedetto D14/339
D232,834 S * 9/1974 Yamagami D18/7
D238,368 S * 1/1976 Goldsamt D18/7
D238,788 S * 2/1976 Goldsamt D18/7



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | | |
|-----------|----|---|---------|-----------|-------|------------------------|
| D309,748 | S | * | 8/1990 | Kobayashi | ..... | D18/7 |
| D310,094 | S | * | 8/1990 | Noguchi | ..... | D18/7 |
| D312,833 | S | * | 12/1990 | Kobayashi | ..... | D18/7 |
| D313,045 | S | * | 12/1990 | Hanzawa | ..... | D18/7 |
| D314,396 | S | * | 2/1991 | Hayashi | ..... | D18/7 |
| D334,398 | S | * | 3/1993 | Conard | ..... | D18/7 |
| D335,653 | S | * | 5/1993 | Rak | ..... | D14/339 |
| D374,029 | S | * | 9/1996 | Stokes | ..... | D18/7 |
| D394,079 | S | * | 5/1998 | Leung | ..... | D18/2 |
| D416,280 | S | * | 11/1999 | Matsuda | ..... | D18/7 |
| D433,058 | S | * | 10/2000 | Okumura | ..... | D18/7 |
| D433,059 | S | * | 10/2000 | Okumura | ..... | D18/7 |
| 8,028,012 | B1 | * | 9/2011 | Franchino | ..... | G06F 15/025 708/131 |

* cited by examiner

FIG. 1

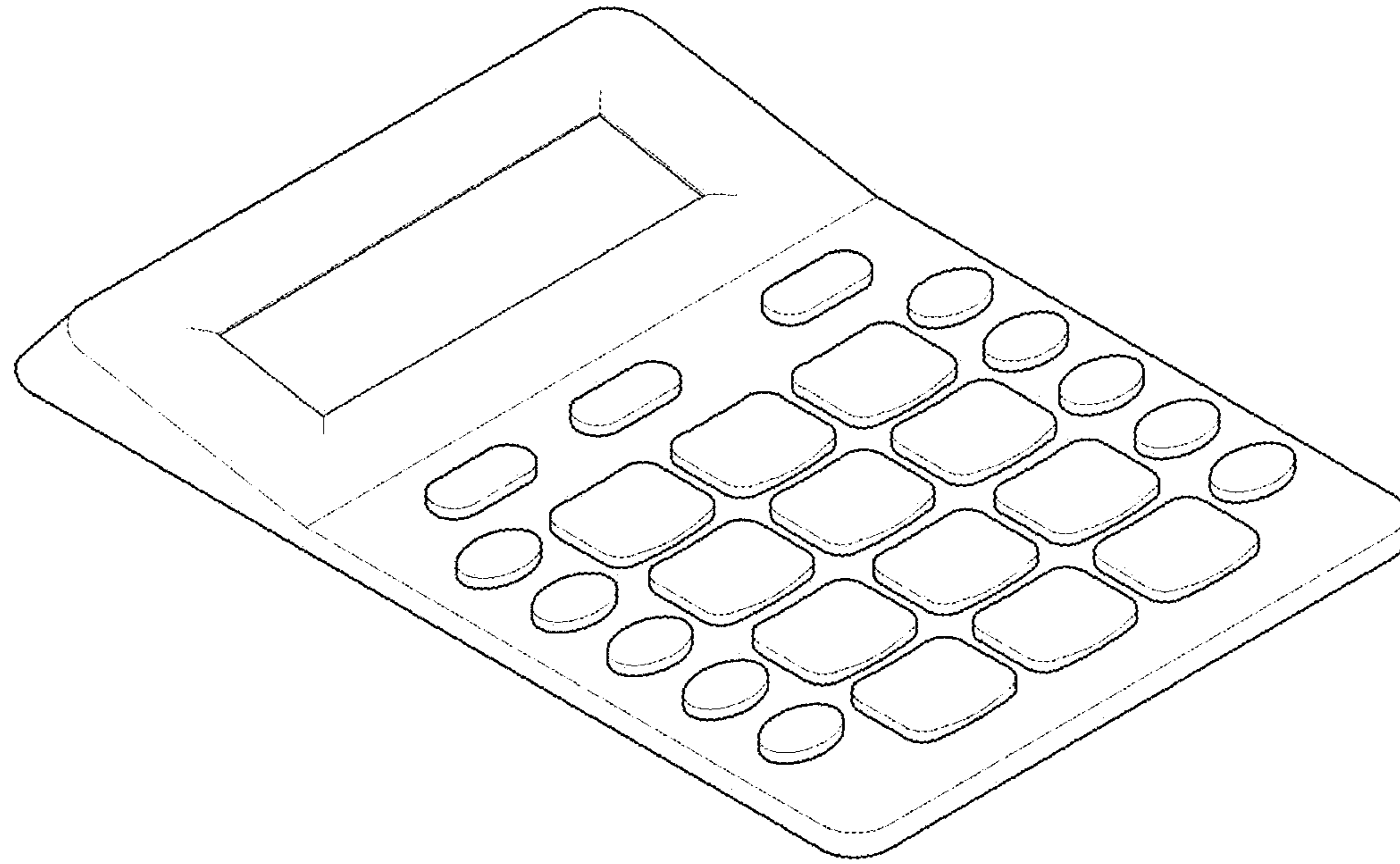


FIG. 2

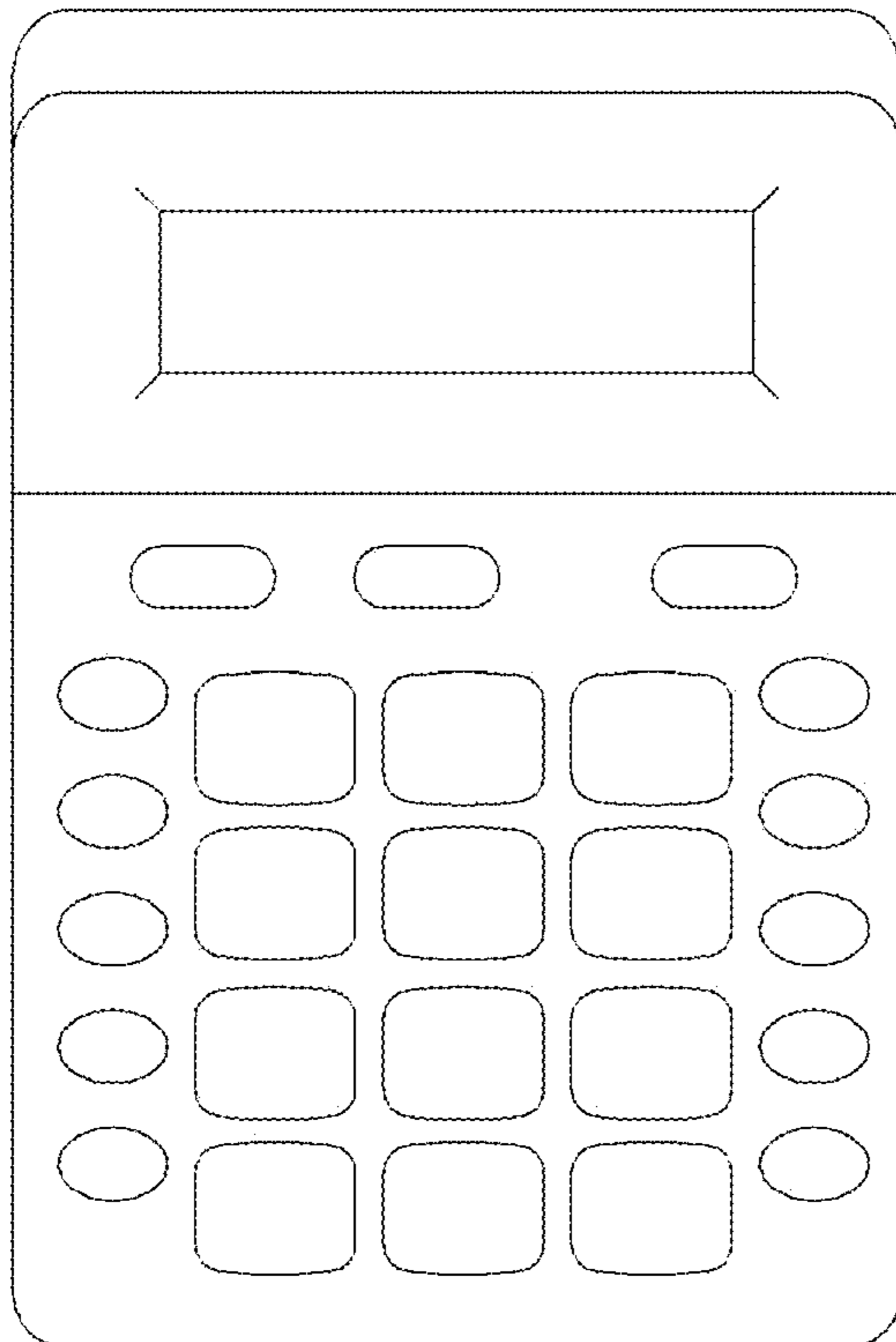


FIG. 3



FIG. 4

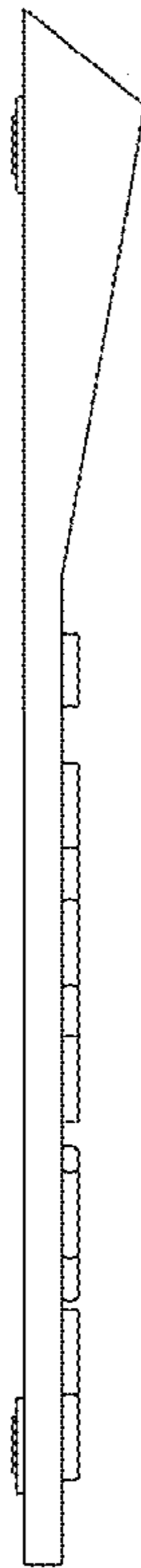


FIG. 5

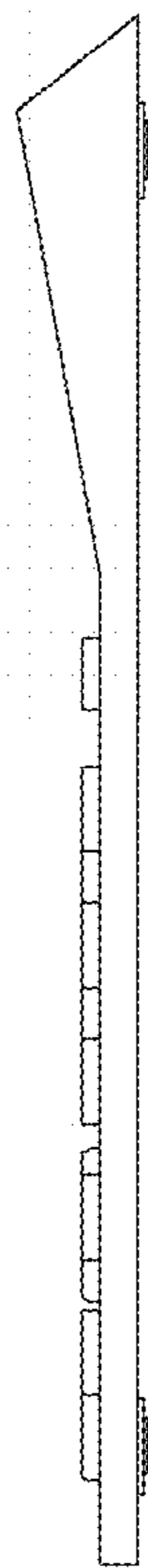


FIG. 6

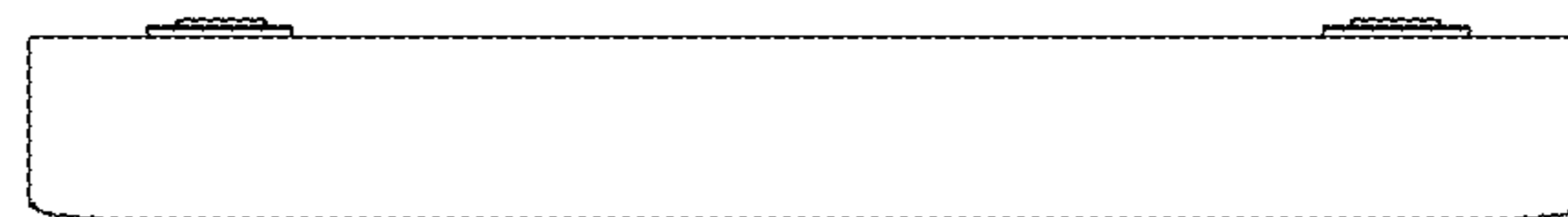


FIG. 7

