



US00D732187S

(12) **United States Design Patent**
Houkal et al.

(10) **Patent No.:** **US D732,187 S**
(45) **Date of Patent:** **** Jun. 16, 2015**

(54) **ALIQUOT TRAY**
(71) Applicants: **Jeff Houkal**, Tempe, AZ (US); **Jordan Yaron**, Tempe, AZ (US)
(72) Inventors: **Jeff Houkal**, Tempe, AZ (US); **Jordan Yaron**, Tempe, AZ (US)
(73) Assignee: **Arizona Board of Regents, a body corporate of the State of Arizona acting for an on behalf of Arizona State University**, Scottsdale, AZ (US)

6,884,615 B2 4/2005 Suzuki et al.
D562,463 S * 2/2008 Berndt et al. D24/226
D574,505 S * 8/2008 Muller-Cohn et al. D24/216
D574,506 S * 8/2008 Monks D24/224
D605,303 S 12/2009 Monks
D608,013 S 1/2010 Coulling et al.
D673,294 S * 12/2012 Motadel D24/227
D677,400 S * 3/2013 Blaettler et al. D24/230
D679,830 S 4/2013 May et al.
D687,161 S 7/2013 May et al.
D690,027 S * 9/2013 Motadel D24/227
2006/0188404 A1 8/2006 Gjerde
2009/0275116 A1 11/2009 Subramanyam
2011/0286897 A1* 11/2011 Uschkureit et al. 422/553
2011/0300037 A1 12/2011 Liu et al.

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

* cited by examiner

(21) Appl. No.: **29/445,084**

Primary Examiner — T. Chase Nelson

(22) Filed: **Feb. 7, 2013**

Assistant Examiner — Mark Cavanna

(51) **LOC (10) Cl.** **24-02**

(74) *Attorney, Agent, or Firm* — Quarles & Brady LLP

(52) **U.S. Cl.**
USPC **D24/227**

(58) **Field of Classification Search**
USPC D24/216, 222, 224–232; 422/63–67,
422/99–104, 509, 552, 553, 549, 569, 400;
211/69, 71–72, 74, 71.01; 435/287.2,
435/305.3, 288.4; 506/43; 53/329
See application file for complete search history.

(57) **CLAIM**

The ornamental design for an aliquot tray, as shown and described.

DESCRIPTION

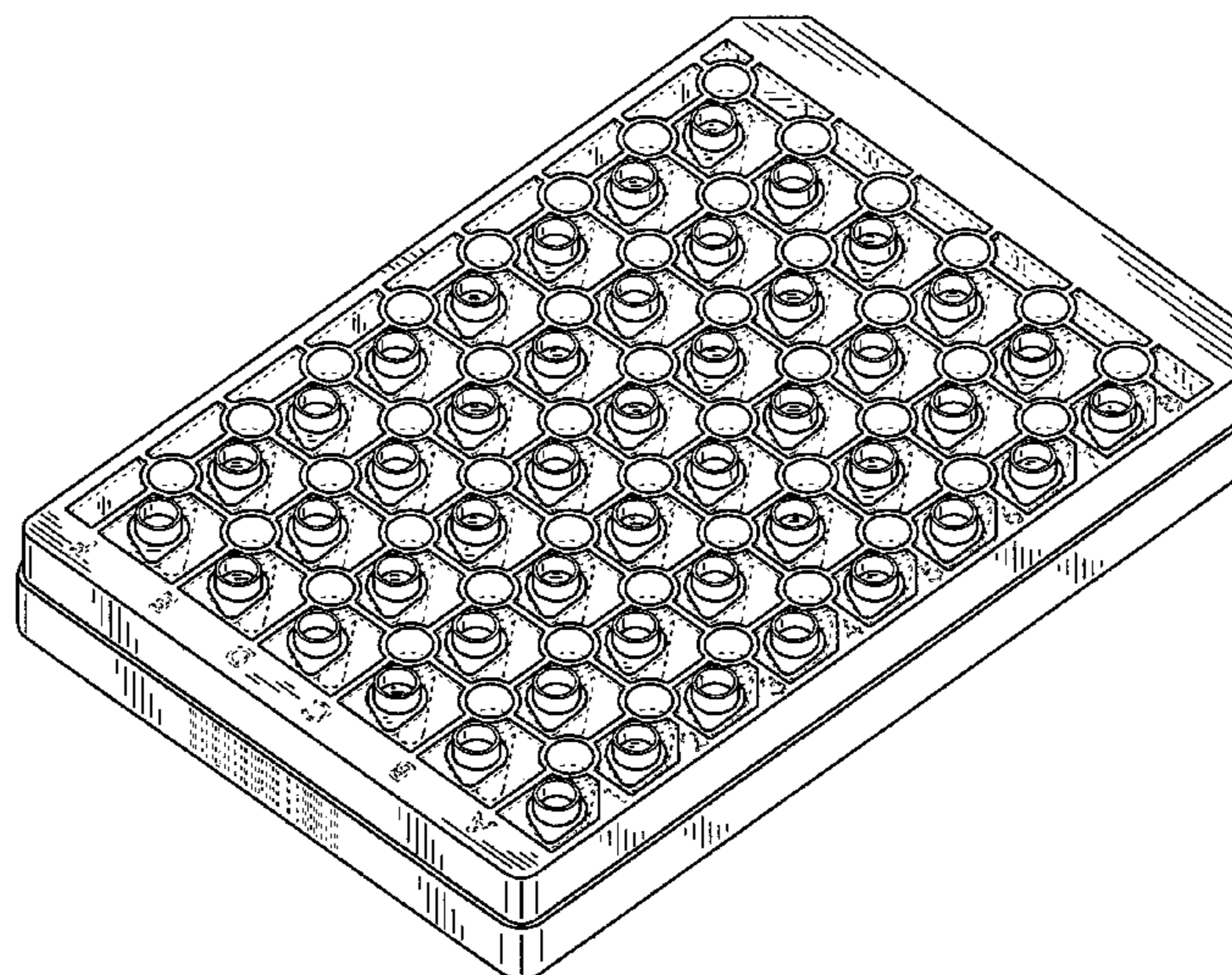
FIG. 1 is a top, front, left perspective view of an aliquot tray according to our new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a front elevational view thereof, the rear elevational view thereof being a mirror image of the front view shown;
FIG. 5 is a left side elevational view thereof; and,
FIG. 6 is a right side elevational view thereof.
The broken line representations in the figures show unclaimed environment, and thus form no part of the claimed design.
The nature of this product is a tray, or portion thereof, for containing a plurality of individual samples.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D420,743 S * 2/2000 Monks D24/230
6,027,694 A 2/2000 Boulton et al.
6,106,783 A 8/2000 Gamble
D441,091 S 4/2001 Day
6,408,595 B1 6/2002 Friedman
6,426,215 B1 7/2002 Sandell
D469,544 S * 1/2003 Lafond et al. D24/226
6,558,631 B1 * 5/2003 Day 422/552
D477,416 S * 7/2003 Roberts et al. D24/216
6,825,042 B1 11/2004 Shumate et al.

1 Claim, 5 Drawing Sheets



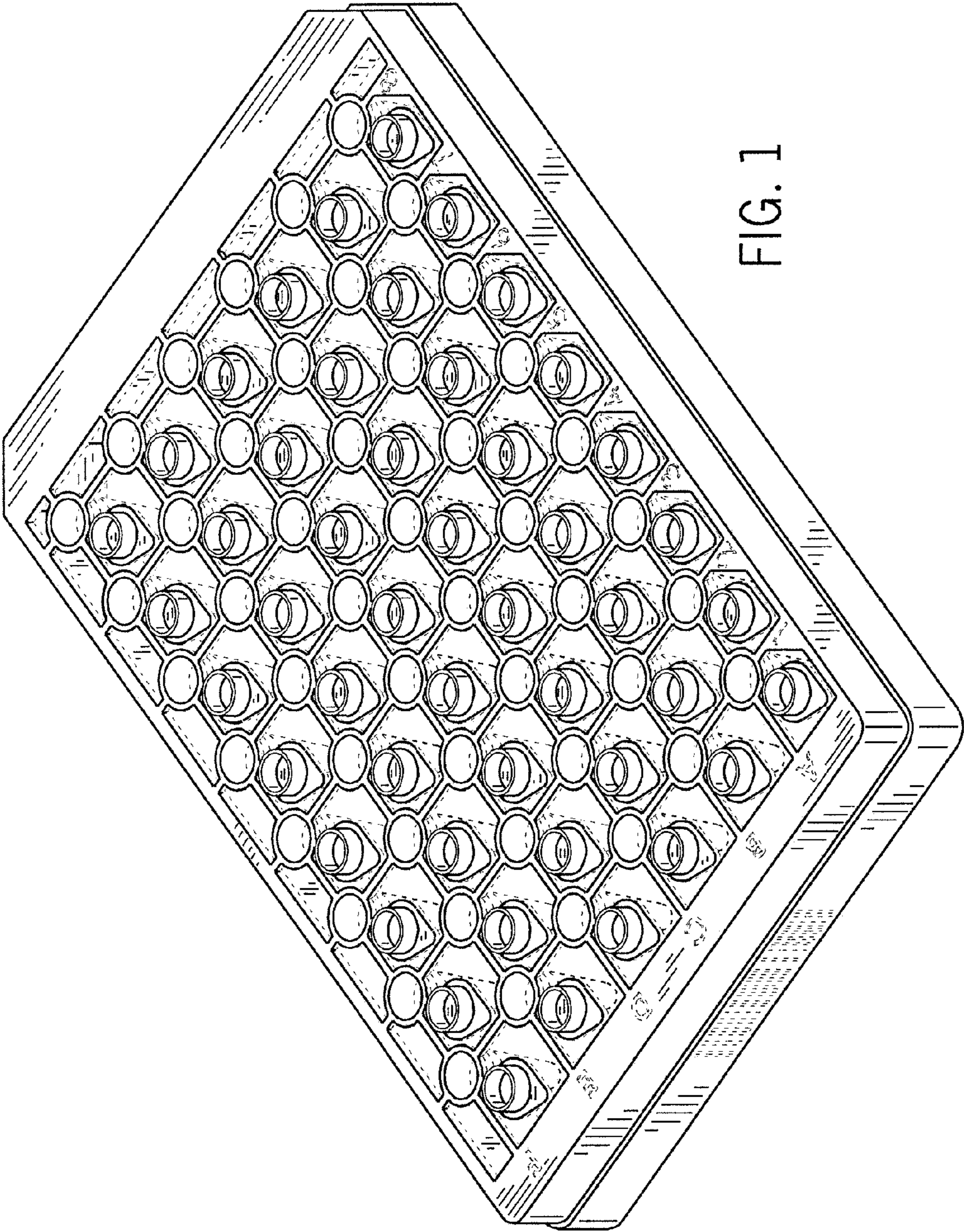


FIG. 1

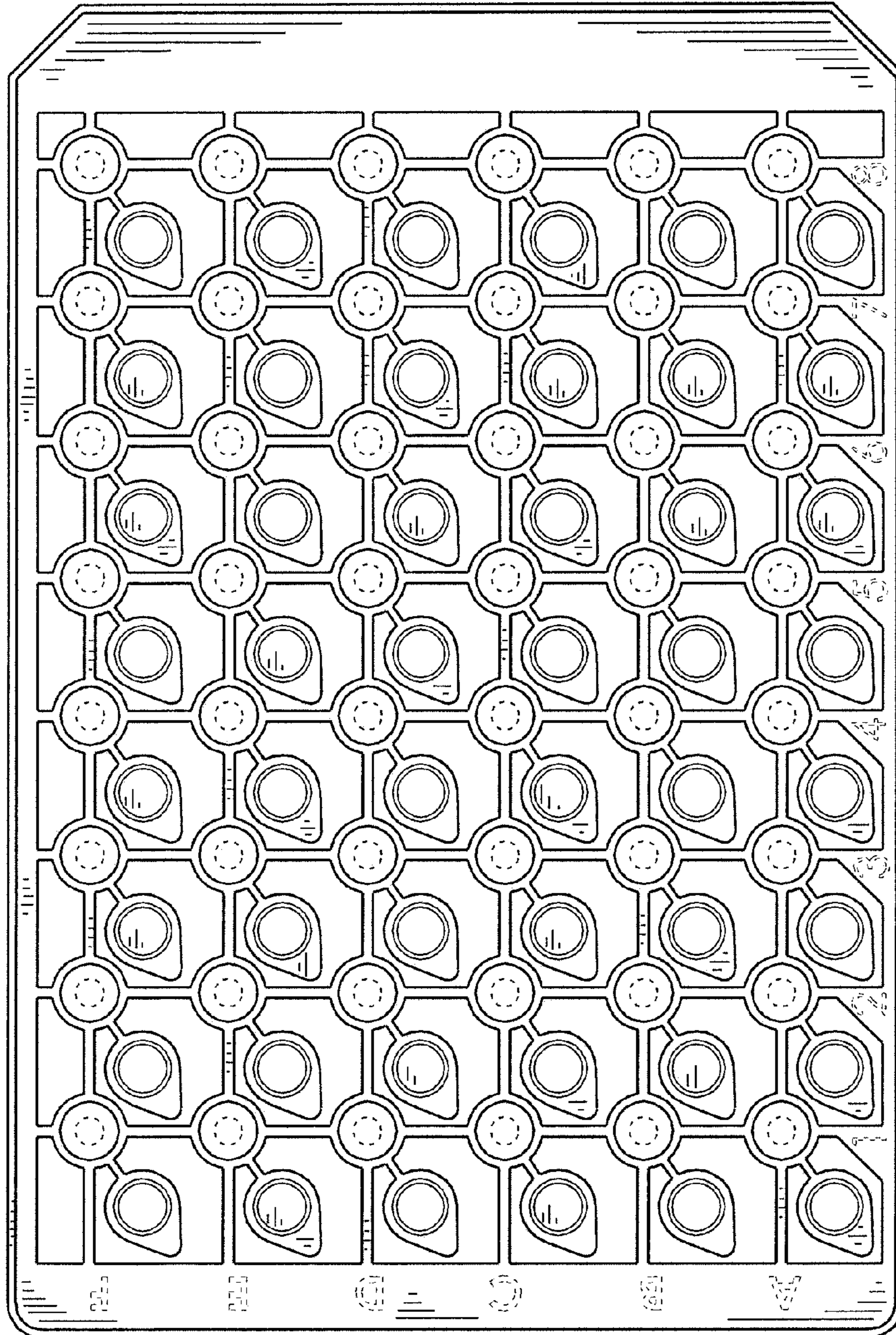


FIG. 2

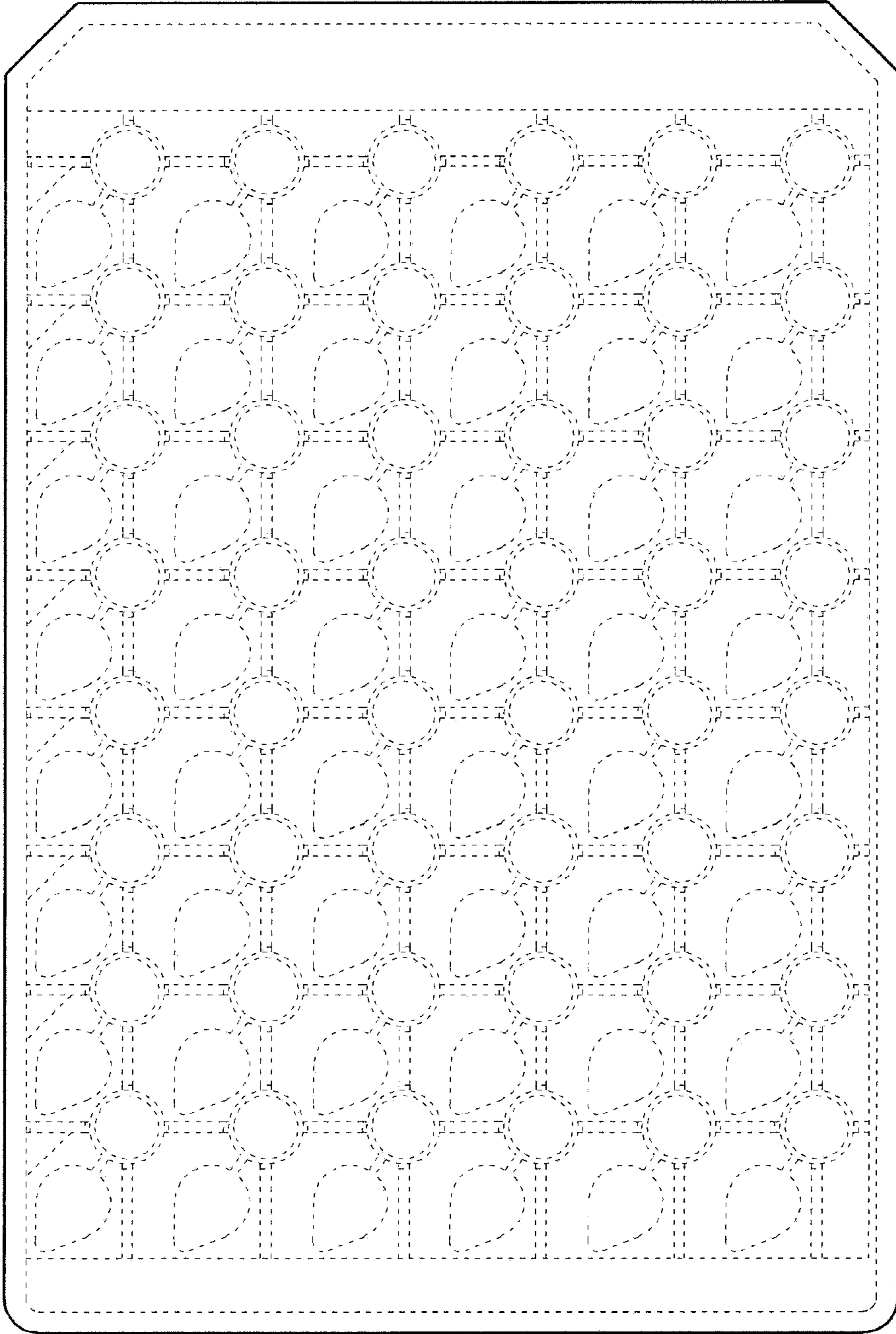


FIG. 3

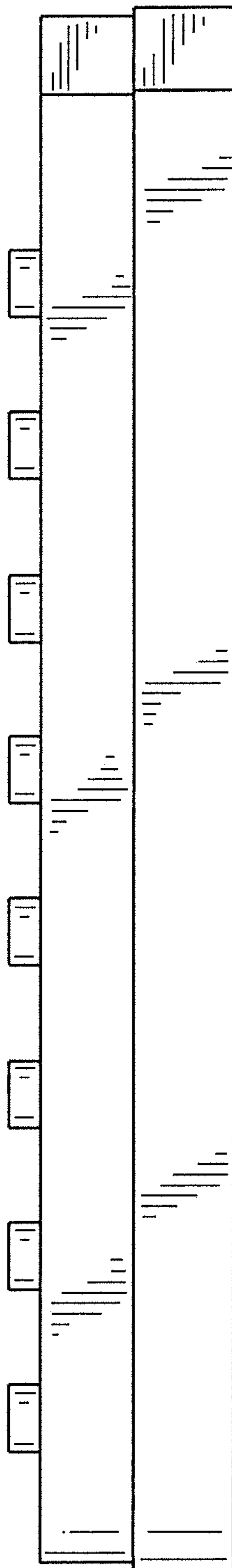


FIG. 4

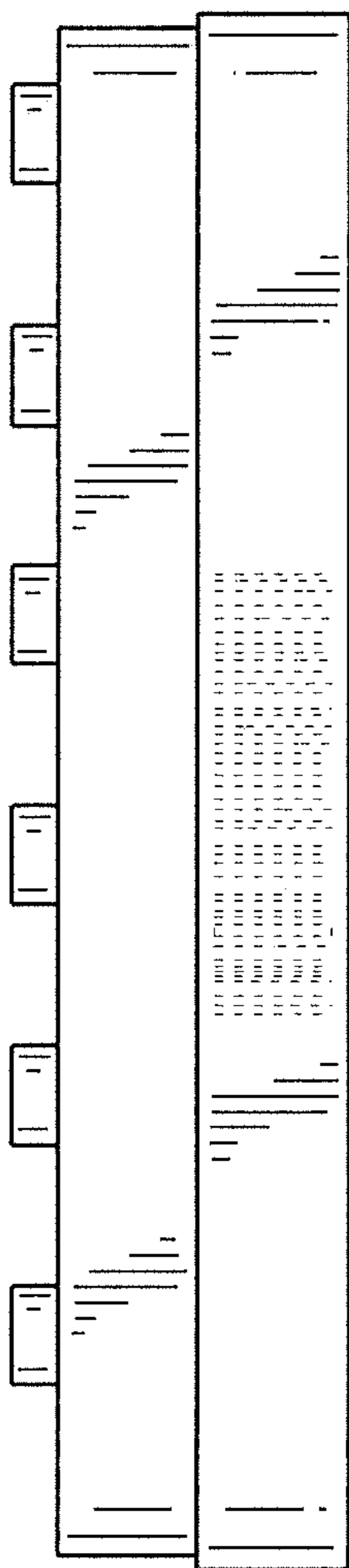


FIG. 5

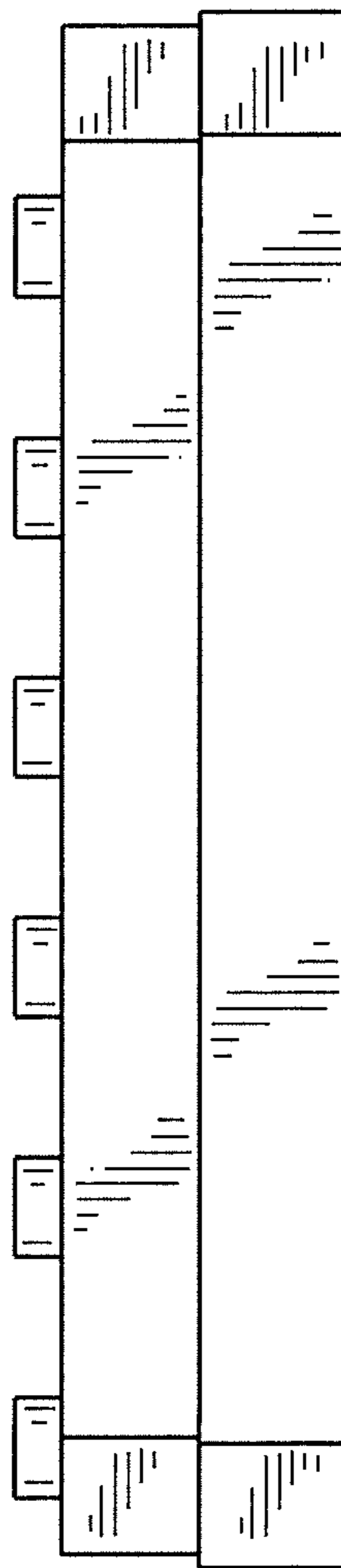


FIG. 6