

US00D679840S

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

(10) **Patent No.:** **US D679,840 S**
(45) **Date of Patent:** **** Apr. 9, 2013**

(54) **SHIM DEVICE**

(75) Inventors: **Frank Shray**, Polo, IL (US); **Steven Hollingworth**, Cheyenne, WY (US); **Dale Harrison**, West Chicago, IL (US); **Colin Felton**, Madison, WI (US)

(73) Assignee: **Airmark, Inc.**, Long Lake, MN (US)

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

(21) Appl. No.: **29/332,364**

(22) Filed: **Feb. 13, 2009**

Related U.S. Application Data

(63) Continuation of application No. 10/219,395, filed on Aug. 14, 2002, now Pat. No. 7,716,880.

(51) **LOC (9) Cl.** **25-99**

(52) **U.S. Cl.** **D25/199**

(58) **Field of Classification Search** D25/199;
D8/349; 52/98; 428/167, 43
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

171,807 A	1/1876	Hoffman
804,585 A	11/1905	Depue
1,351,453 A	8/1920	Wells
1,541,971 A	6/1925	Lampert
1,915,320 A	6/1933	Jones
1,939,402 A	12/1933	Moser
2,123,484 A	7/1938	Mafera
2,166,444 A	7/1939	Kinninger et al.
2,300,485 A	11/1942	Bristow
2,459,070 A	1/1949	Gard
2,524,961 A	10/1950	Cramer
2,539,703 A	1/1951	Sato
2,772,596 A	12/1956	Trussell
3,171,635 A	3/1965	Jines
3,185,442 A	5/1965	Hemphill
3,601,438 A	8/1971	Stuart
3,647,607 A	3/1972	Hillers
3,939,987 A	2/1976	Bustos et al.
4,017,939 A	4/1977	Schofield
4,135,335 A	1/1979	Jensen

4,144,296 A	3/1979	Dickens
4,178,658 A	12/1979	Gergonne
4,240,557 A	12/1980	Dickens
D272,392 S	1/1984	Bigelow
4,451,024 A	5/1984	Shepherd
4,579,377 A	4/1986	Dallaire et al.
D284,738 S	7/1986	Stone
4,625,489 A	12/1986	Bogle

(Continued)

OTHER PUBLICATIONS

Stark, Nicole, *Effect of Species and Particle Size on Properties of Wood-Flour-Filled Polypropylene Composites*, Functional Fillers for Thermoplastics & Thermosets, Dec. 8-10, 1997, LeMeridien at Coronado, San Diego, California, pp. 1-21.

Primary Examiner — T. Chase Nelson

Assistant Examiner — Ania Dworzecka

(74) *Attorney, Agent, or Firm* — Dicke, Billig & Czaja, PLLC

(57) **CLAIM**

The ornamental design for a shim device, as shown and described.

DESCRIPTION

A portion of the disclosure of this patent document contains or may contain material which is subject to copyright protection. The copyright owner has no objection to the photocopy reproduction by anyone of the patent document or the patent disclosure in exactly the form it appears in the U.S. Patent and Trademark Office patent file or records, but otherwise reserves all copyright rights whatsoever.

FIG. 1 is a perspective view of a first embodiment of the shim device.

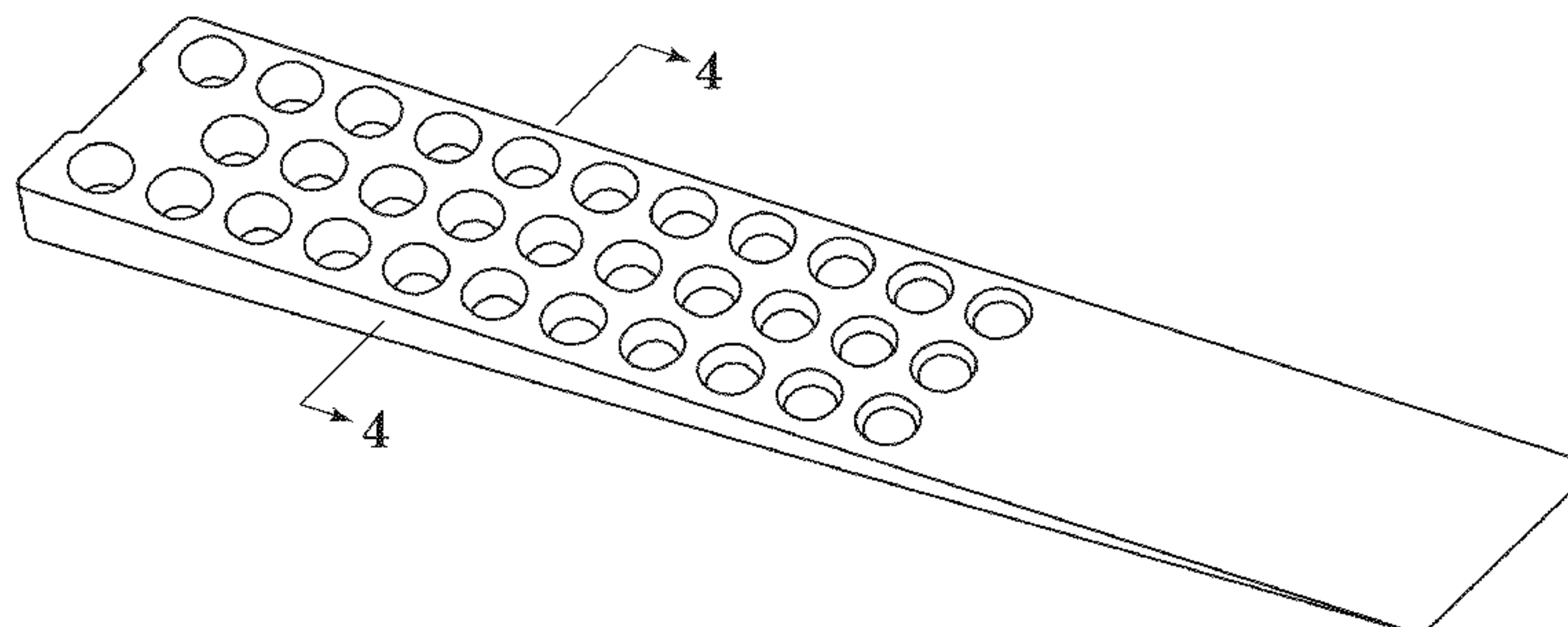
FIG. 2 is a top view of the first embodiment of FIG. 1.

FIG. 3 is a side elevation view of the first embodiment of FIG. 1.

FIG. 4 is a cross-sectional view of the first embodiment of FIG. 1 taken along line 4-4 of FIG. 1; and,

FIG. 5 is a perspective view of a second embodiment of the shim device.

1 Claim, 3 Drawing Sheets



US D679,840 S

Page 2

U.S. PATENT DOCUMENTS

4,660,323 A	4/1987	Kanies	5,953,862 A	9/1999	Earhart et al.
4,688,761 A	8/1987	Wilcox	6,013,774 A	1/2000	Meister et al.
4,713,922 A	12/1987	Ingold	6,018,010 A	1/2000	Yamazaki et al.
4,776,548 A	10/1988	Bezenek	D420,892 S	2/2000	Chalich
4,830,320 A	5/1989	Bellows	6,018,916 A	2/2000	Henry
4,867,315 A	9/1989	Baldwin	6,024,364 A	2/2000	Steffen
4,881,293 A	11/1989	Reynolds	D421,374 S	3/2000	Montgomery
4,895,892 A	1/1990	Satake et al.	6,041,473 A	3/2000	Johnson
4,911,270 A	3/1990	Hudson	6,062,517 A *	5/2000	Torres et al. 248/188.2
5,011,203 A	4/1991	Tackett	6,083,860 A	7/2000	Matsuo et al.
5,054,250 A	10/1991	Foss	6,117,606 A	9/2000	Macholdt et al.
5,085,938 A	2/1992	Watkins	6,155,004 A	12/2000	Earhart et al.
5,086,096 A	2/1992	Kosinski	6,164,588 A	12/2000	Jacobsen
5,213,865 A	5/1993	Yamada	6,230,446 B1	5/2001	Chalich
D336,181 S	6/1993	Muniz	6,231,970 B1	5/2001	Andersen et al.
5,217,269 A	6/1993	Wiltberger	6,311,537 B1	11/2001	Vigil
5,249,767 A	10/1993	Mellen	6,342,172 B1	1/2002	Finley
5,263,551 A	11/1993	Anderson	6,345,849 B1	2/2002	Yen
5,290,012 A	3/1994	Cottriel et al.	6,347,494 B1	2/2002	Noirot
5,340,176 A	8/1994	Cresci	6,497,956 B1	12/2002	Phillips et al.
5,368,349 A	11/1994	Hebert et al.	6,551,690 B2	4/2003	Dwinell
5,480,602 A	1/1996	Nagaich	6,605,146 B2	8/2003	Greco et al.
5,484,895 A	1/1996	Meister et al.	D479,614 S *	9/2003	Scott et al. D25/199
5,516,472 A	5/1996	Laver	6,616,128 B2	9/2003	Selzer
5,537,718 A	7/1996	Nagatsuka et al.	6,758,996 B2	7/2004	Monovoukas et al.
5,547,238 A	8/1996	Payette	7,108,901 B2 *	9/2006	Traub et al. 428/43
5,611,514 A	3/1997	Oliver et al.	D544,968 S *	6/2007	Walters D25/199
5,640,813 A	6/1997	Glazik et al.	D563,202 S *	3/2008	Scherer et al. D8/349
5,651,816 A	7/1997	Kobayashi et al.	D565,748 S *	4/2008	Sorkin D25/199
5,661,200 A	8/1997	Boudreaux et al.	D565,749 S *	4/2008	Sorkin D25/199
5,711,560 A	1/1998	Gilbertson	7,716,880 B1 *	5/2010	Shray et al. 52/126.1
5,719,206 A	2/1998	Mihoya et al.	2002/0040557 A1	4/2002	Felton
5,815,992 A	10/1998	Wells et al.	2002/0157328 A1	10/2002	Holder
5,853,838 A	12/1998	Siems et al.	2003/0145531 A1 *	8/2003	Holder 52/98
D406,028 S	2/1999	Montgomery	2009/0320398 A1 *	12/2009	Gouvea 52/309.1
D410,380 S	6/1999	Towns	2010/0058678 A1 *	3/2010	Lutz et al. 52/126.1
5,922,411 A	7/1999	Shimizu et al.			

* cited by examiner

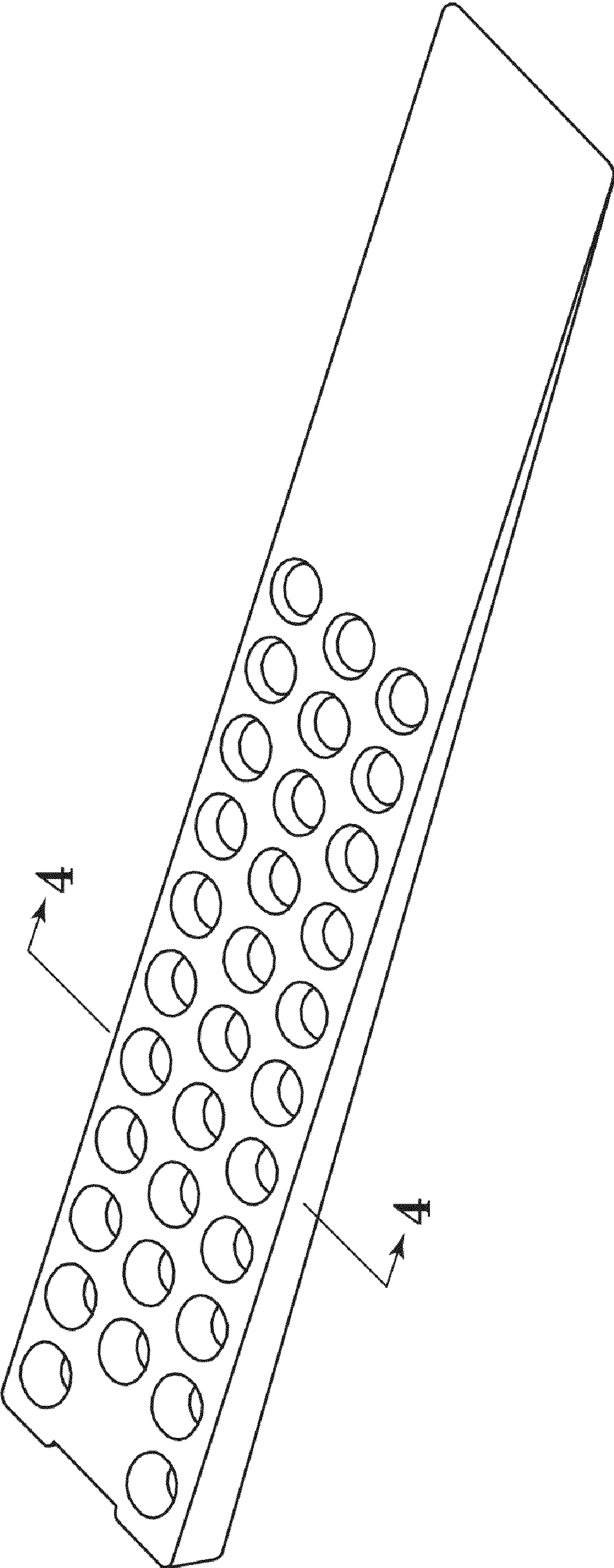


Fig. 1

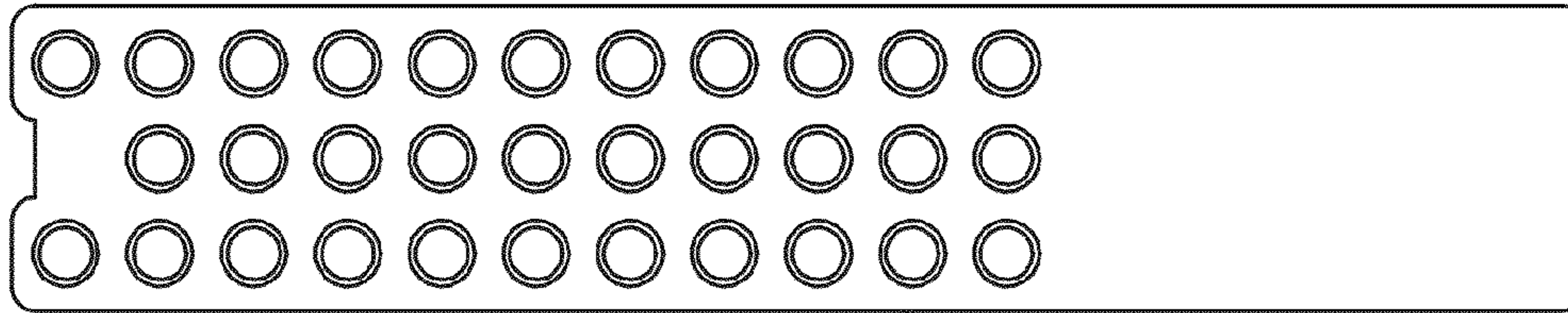


Fig. 2

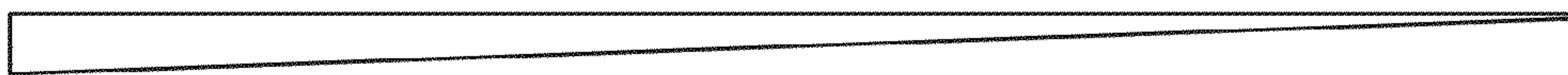


Fig. 3

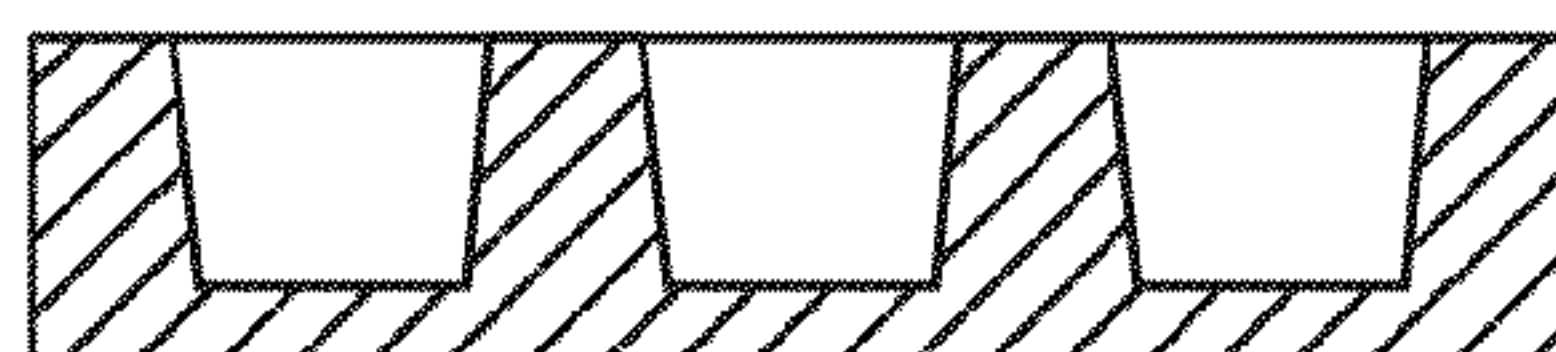


Fig. 4

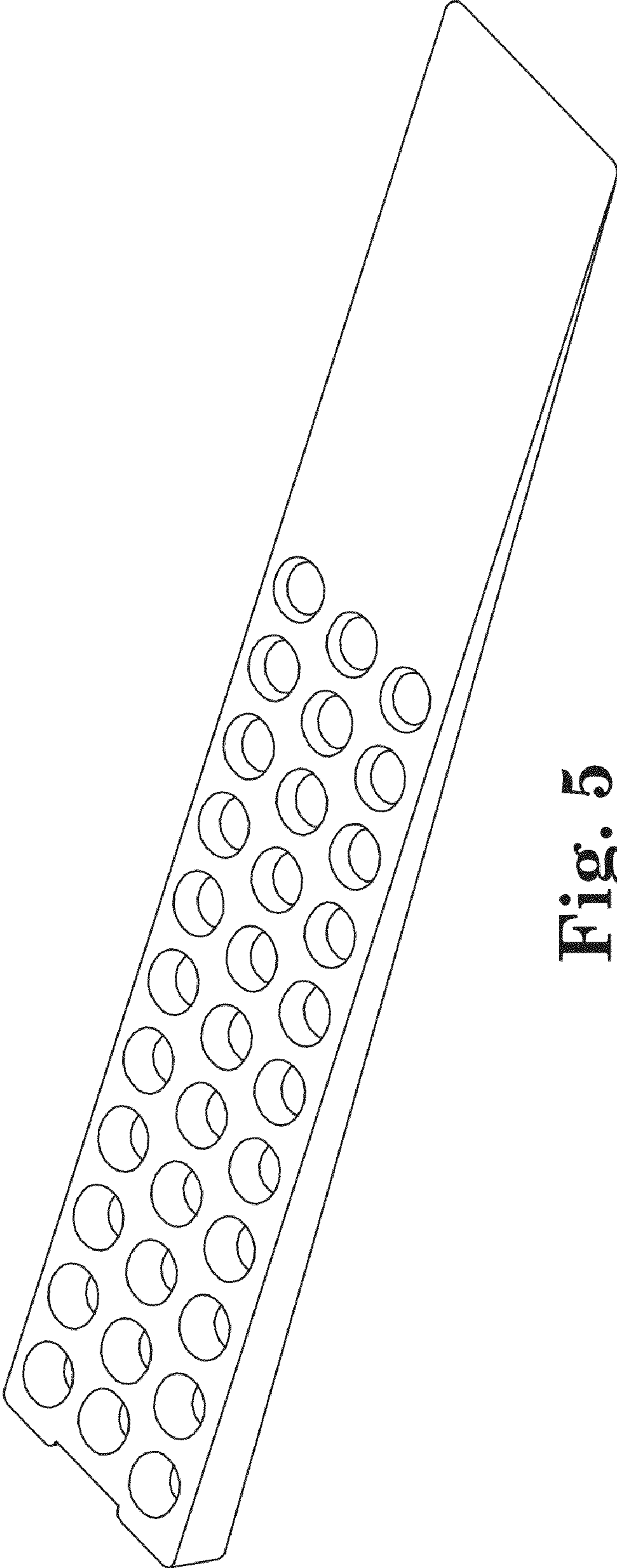


Fig. 5