

US00D705442S

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

(10) **Patent No.:** **US D705,442 S**  
(45) **Date of Patent:** **\*\* May 20, 2014**

(54) **LATCH FOR A STERILIZATION CASSETTE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Hu-Friedy Mfg. Co., LLC**, Chicago, IL (US)

DE 2713094 A1 10/1978  
DE 19535823 A1 3/1997

(Continued)

(72) Inventors: **David W. Tipton**, Chicago, IL (US);  
**Timothy J. Fischer**, Chicago, IL (US);  
**David K. Platt**, Mount Prospect, IL (US);  
**Chantel D. Willis**, Munster, IN (US);  
**Jennifer R. Naylor**, Batavia, IL (US);  
**Marjavis J. Matthis**, Chicago, IL (US);  
**Mark Kurth**, Beverly Shores, IN (US);  
**Timothy Payne**, Chicago, IL (US);  
**Philip Anthony**, Chicago, IL (US)

OTHER PUBLICATIONS

Applicant's co-pending Design U.S. Appl. No. 29/424,877, filed Jun. 16, 2012, entitled Sterilization Cassette, Tipton et al.

*Primary Examiner* — Anhdao Doan

(74) *Attorney, Agent, or Firm* — Marshall, Gerstein & Borun LLP

(73) Assignee: **Hu-Friedy Mfg. Co., LLC**, Chicago, IL (US)

(57) **CLAIM**

The ornamental design for a latch for a sterilization cassette, as shown and described.

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

(21) Appl. No.: **29/452,322**

(22) Filed: **Apr. 15, 2013**

(51) **LOC (10) Cl.** ..... **24-01**

(52) **U.S. Cl.**  
USPC ..... **D24/217**

(58) **Field of Classification Search**  
USPC ..... D24/216, 217, 218, 224, 227, 231, 194,  
D24/197; D3/203.1, 264, 294, 318, 323,  
D3/324, 326; D9/420, 423, 432, 449, 450;  
422/20, 21, 22, 24, 26, 297, 300, 303;  
220/529, 735; 206/370, 438; D32/1;  
D7/326, 538, 629; D5/1, 2, 5, 54, 59,  
D5/61; D25/153, 155, 157, 158; D8/331,  
D8/336, 339; D11/87

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

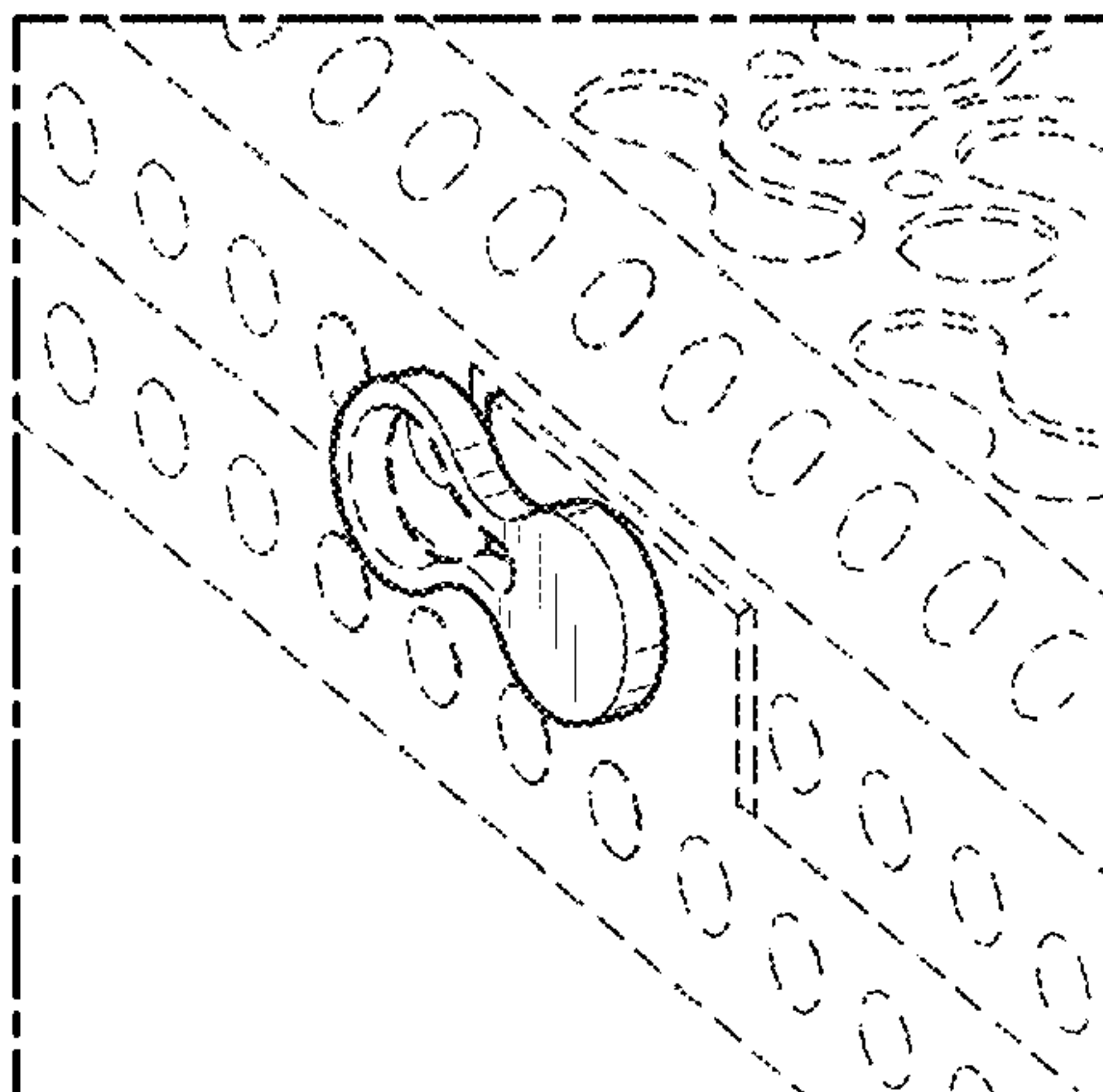
1,228,464 A 6/1917 Mazzei  
3,133,635 A 5/1964 Gordon

(Continued)

**DESCRIPTION**

FIG. 1 is a front view of a latch for a sterilization cassette in accordance with a first embodiment of the present invention; FIG. 2 is a perspective view thereof; FIG. 3 is a right side view thereof, the left side view being a mirror image; FIG. 4 is a top view thereof, the bottom view being a mirror image; FIG. 5 is a front view of a latch for a sterilization cassette in accordance with a second embodiment of the present invention; FIG. 6 is a perspective view thereof; and, FIG. 7 is a right side view thereof, the left side view being a mirror image; and, FIG. 8 is a top view thereof, the bottom view being a mirror image. The broken lines immediately adjacent the shaded areas represent the bounds of the claim, and all other broken lines are for illustrative purposes only. None of the broken lines form a part of the claimed design.

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

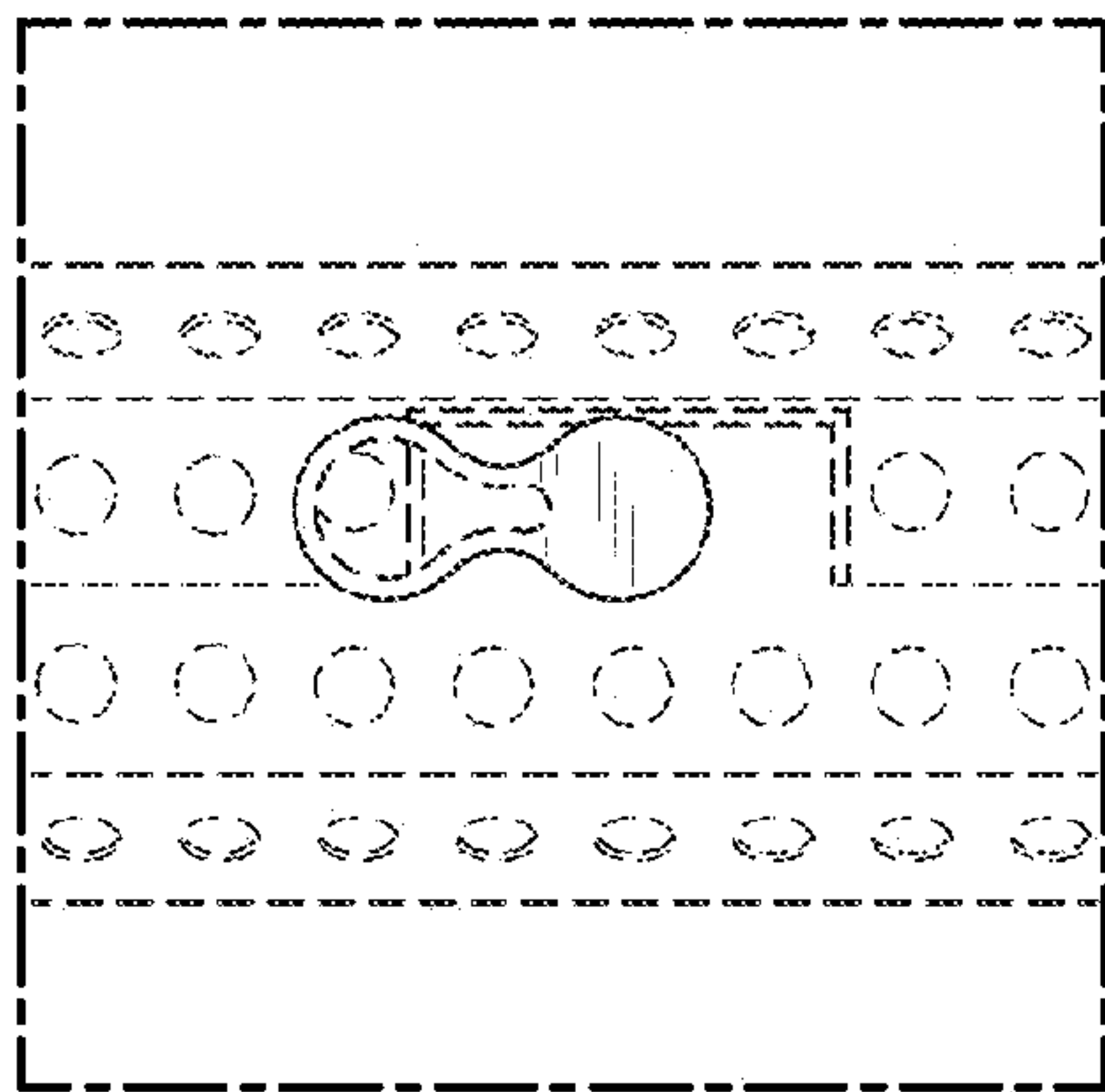
D209,577 S \* 12/1967 Pompili ..... D25/160  
 4,043,754 A 8/1977 Sklar  
 4,135,868 A 1/1979 Schainholz  
 4,541,992 A 9/1985 Jerge et al.  
 D295,075 S 4/1988 Jerge et al.  
 4,774,063 A 9/1988 Runnells  
 4,798,292 A 1/1989 Hauze  
 4,854,475 A 8/1989 Riihimaki et al.  
 5,084,251 A 1/1992 Thomas  
 5,173,273 A 12/1992 Brewer  
 5,215,726 A 6/1993 Kudla et al.  
 5,268,970 A 12/1993 Tanaka  
 5,279,800 A 1/1994 Berry, Jr.  
 5,281,400 A 1/1994 Berry, Jr.  
 5,284,632 A 2/1994 Kudla et al.  
 5,294,413 A 3/1994 Riihimaki et al.  
 5,340,551 A 8/1994 Berry, Jr.  
 5,346,677 A 9/1994 Risk  
 5,376,677 A 12/1994 Trah  
 5,384,103 A 1/1995 Miller  
 5,407,069 A 4/1995 Schmieding et al.  
 5,422,067 A 6/1995 Barney  
 5,424,048 A 6/1995 Riley  
 D360,697 S 7/1995 Riihimaki et al.  
 5,433,929 A 7/1995 Riihimaki et al.  
 5,451,379 A 9/1995 Bowlin, Jr.  
 5,482,067 A 1/1996 Wittrock et al.  
 5,492,671 A 2/1996 Krafft  
 5,505,916 A 4/1996 Berry, Jr.  
 5,725,097 A 3/1998 Bettenhausen et al.  
 5,732,821 A 3/1998 Stone et al.  
 5,759,502 A 6/1998 Spencer et al.  
 5,762,202 A 6/1998 Atad  
 5,840,261 A 11/1998 Monch  
 5,843,387 A 12/1998 Dane et al.  
 5,882,612 A 3/1999 Riley  
 5,918,740 A 7/1999 Berry, Jr.  
 D421,309 S \* 2/2000 Riley et al. .... D24/217  
 D427,881 S \* 7/2000 Weinerman et al. .... D8/331  
 6,099,812 A 8/2000 Allen et al.  
 6,138,850 A 10/2000 Berry, III  
 D437,060 S 1/2001 Mayer  
 6,193,932 B1 2/2001 Wu et al.  
 6,217,835 B1 4/2001 Riley et al.  
 6,264,902 B1 7/2001 Howlett  
 6,331,280 B1 12/2001 Wood  
 D454,691 S \* 3/2002 Proot et al. .... D3/318  
 6,365,115 B1 4/2002 Wood  
 6,368,565 B1 4/2002 Michaelson et al.

6,382,575 B1 5/2002 Frush et al.  
 D458,033 S \* 6/2002 Cassingham ..... D5/59  
 D458,448 S 6/2002 Jakab  
 6,468,482 B1 10/2002 Frieze et al.  
 D472,057 S \* 3/2003 Cassingham ..... D5/59  
 6,534,000 B1 3/2003 Michaelson et al.  
 6,585,942 B1 7/2003 Bussell et al.  
 6,634,499 B2 10/2003 Allen et al.  
 6,713,029 B1 3/2004 Krafft et al.  
 D489,595 S \* 5/2004 Gleichauf et al. .... D8/336  
 6,783,004 B1 8/2004 Rinner  
 6,827,913 B2 12/2004 Wood  
 D526,064 S 8/2006 Wood  
 D530,824 S 10/2006 Bennisson  
 D531,035 S \* 10/2006 Pugne ..... D9/453  
 D537,950 S 3/2007 Haunschild et al.  
 D542,928 S \* 5/2007 Bauer ..... D24/217  
 D548,970 S \* 8/2007 Huang ..... D3/294  
 D557,814 S 12/2007 Glenn et al.  
 D558,977 S \* 1/2008 Peart et al. .... D3/294  
 D579,117 S 10/2008 Weiss et al.  
 D586,557 S \* 2/2009 Jalet ..... D3/294  
 7,544,336 B2 6/2009 Powell  
 7,717,264 B2 5/2010 Bettenhausen et al.  
 7,748,529 B2 7/2010 Foreman et al.  
 7,871,582 B2 1/2011 Riley et al.  
 7,905,353 B2 3/2011 Baker et al.  
 8,069,998 B2 12/2011 Thomas  
 D658,777 S 5/2012 Sweet, II et al.  
 2003/0011849 A1 1/2003 Farmer et al.  
 2005/0016135 A1 1/2005 Heikaus  
 2005/0161355 A1 \* 7/2005 Matthis et al. .... 206/370  
 2008/0149512 A1 6/2008 Dane  
 2009/0223972 A1 9/2009 Allen  
 2010/0065456 A1 3/2010 Junk et al.  
 2012/0085720 A1 4/2012 Bettenhausen et al.

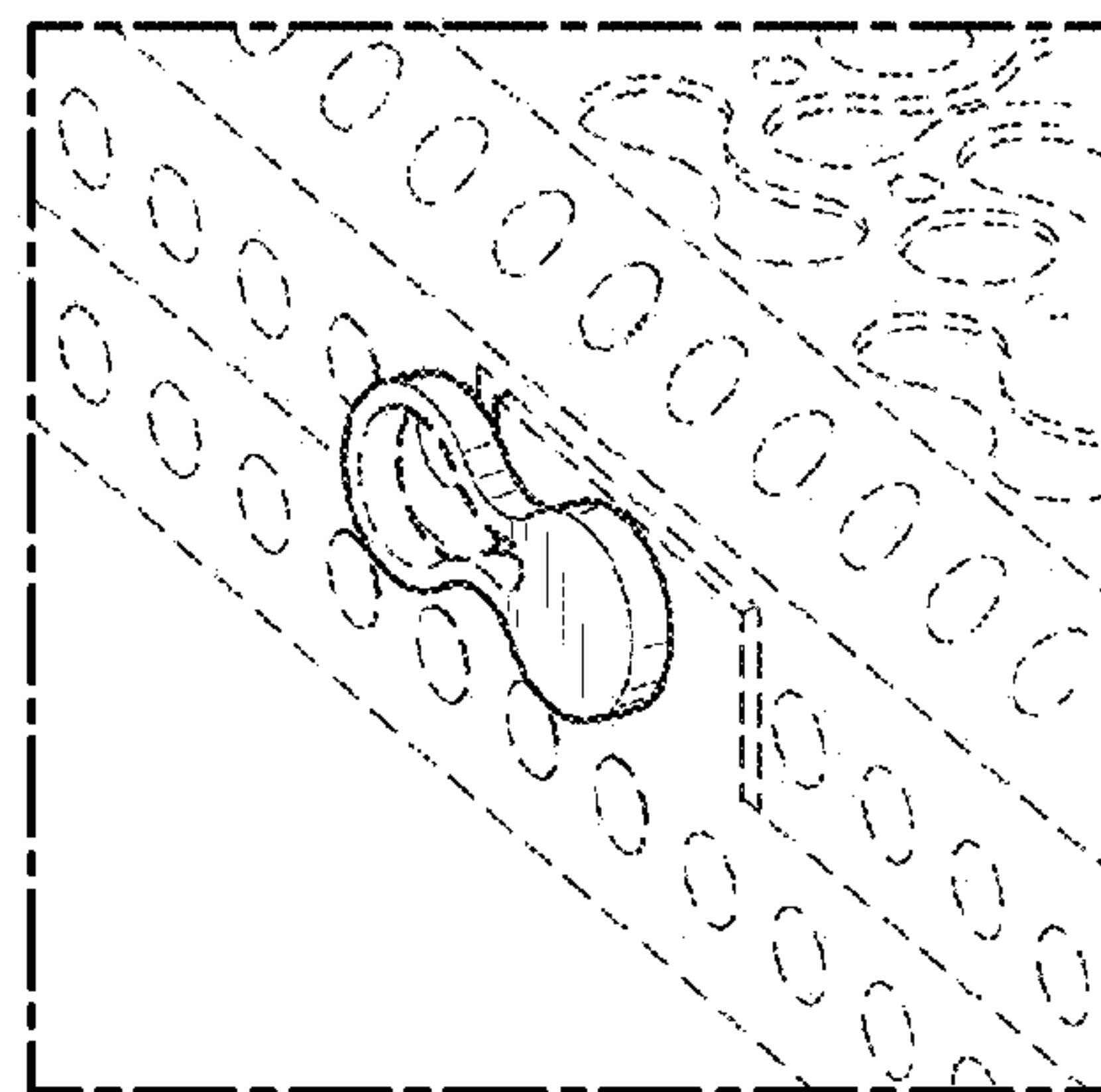
FOREIGN PATENT DOCUMENTS

DE 19851239 A1 5/2000  
 DE 202005015459 U1 12/2005  
 DE 102005047097 A1 4/2007  
 DE 102005047099 A1 4/2007  
 DE 202007010742 U1 11/2007  
 DE 102007003223 A1 7/2008  
 EP 633101 A1 1/1995  
 EP 1281369 A1 2/2003  
 GB 2105591 A 3/1983  
 GB 2328680 A 3/1999  
 JP 2010063889 A 3/2010  
 WO WO-9401055 A1 1/1994

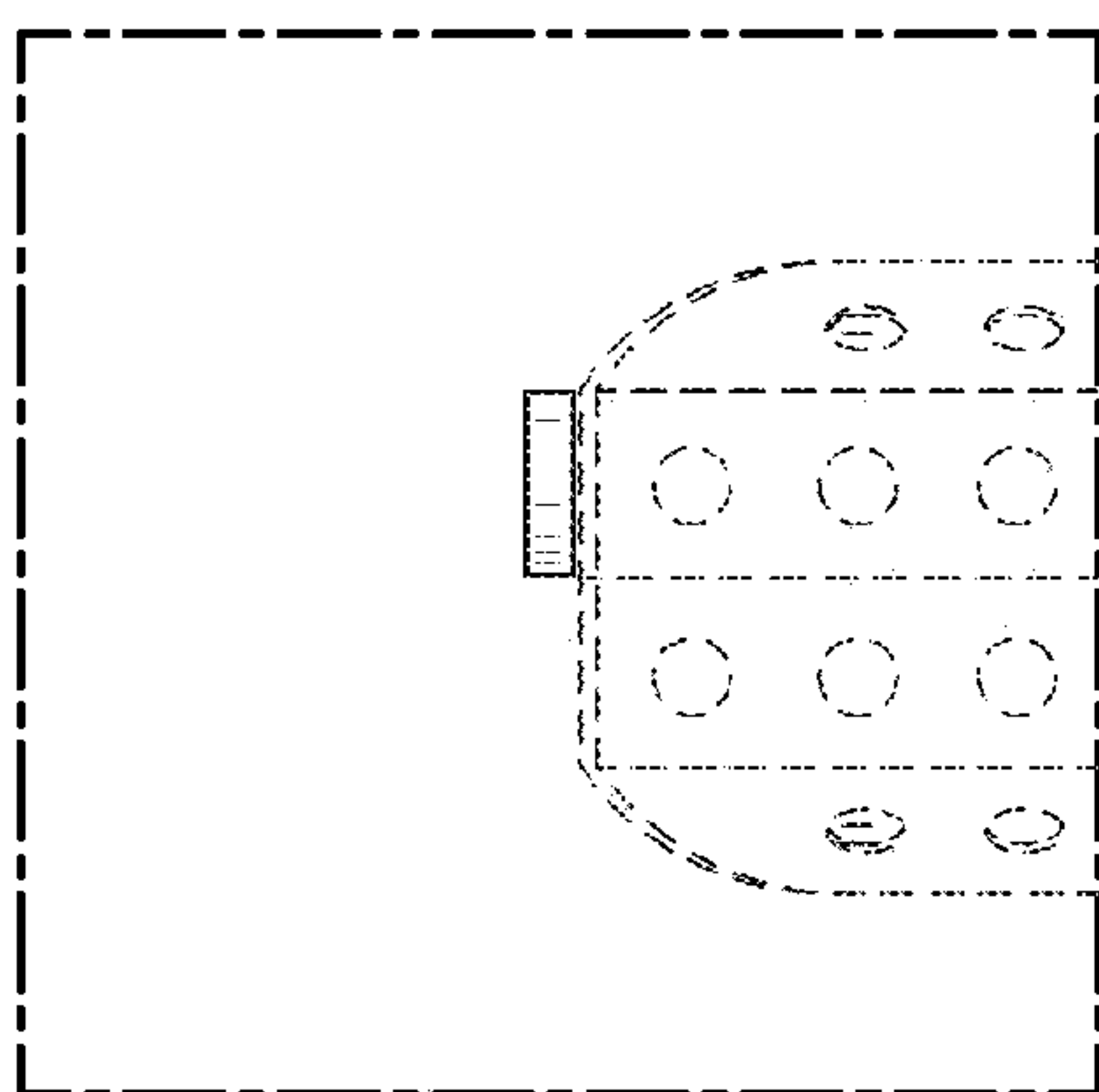
\* cited by examiner



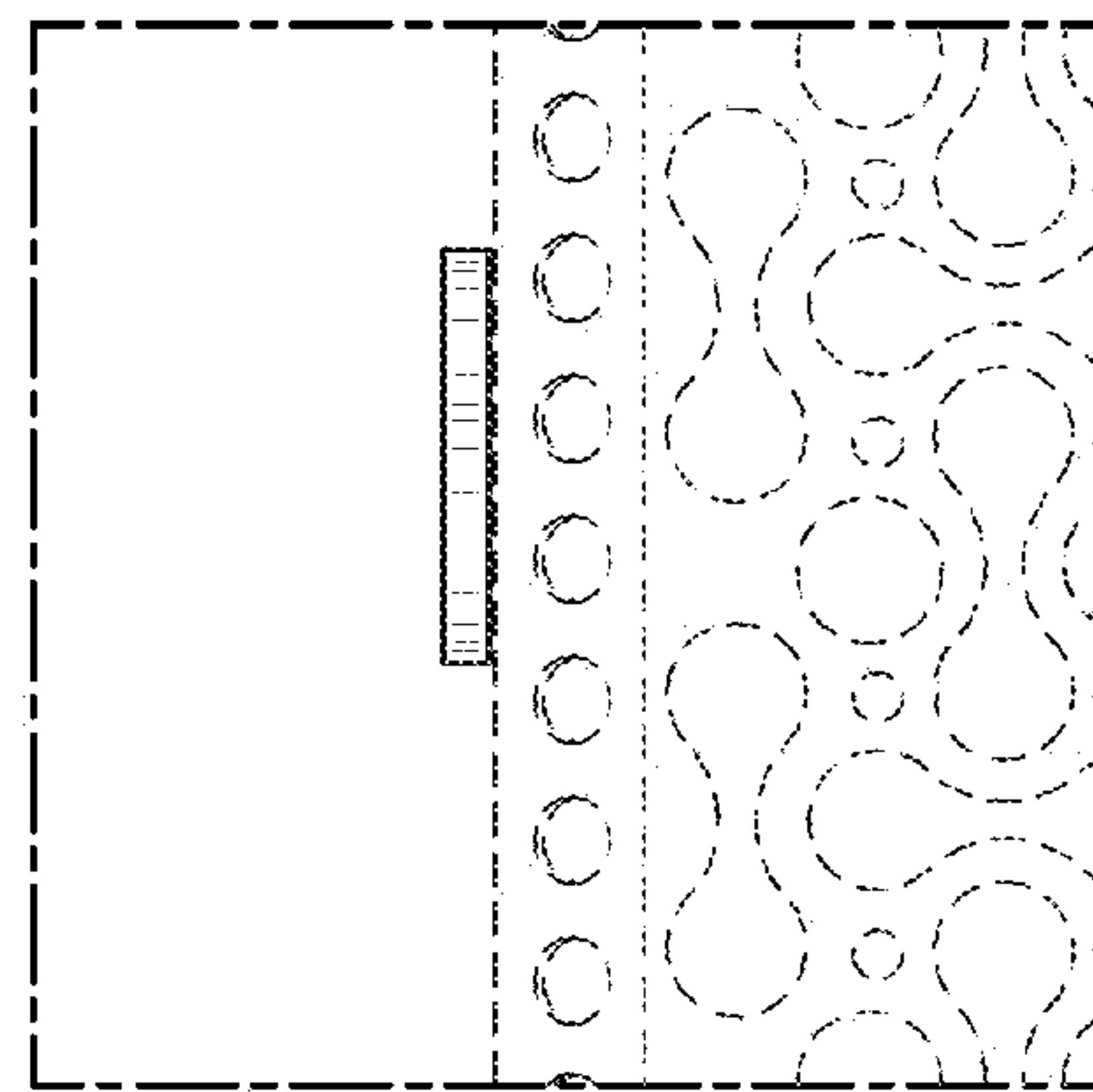
**FIG. 1**



**FIG. 2**

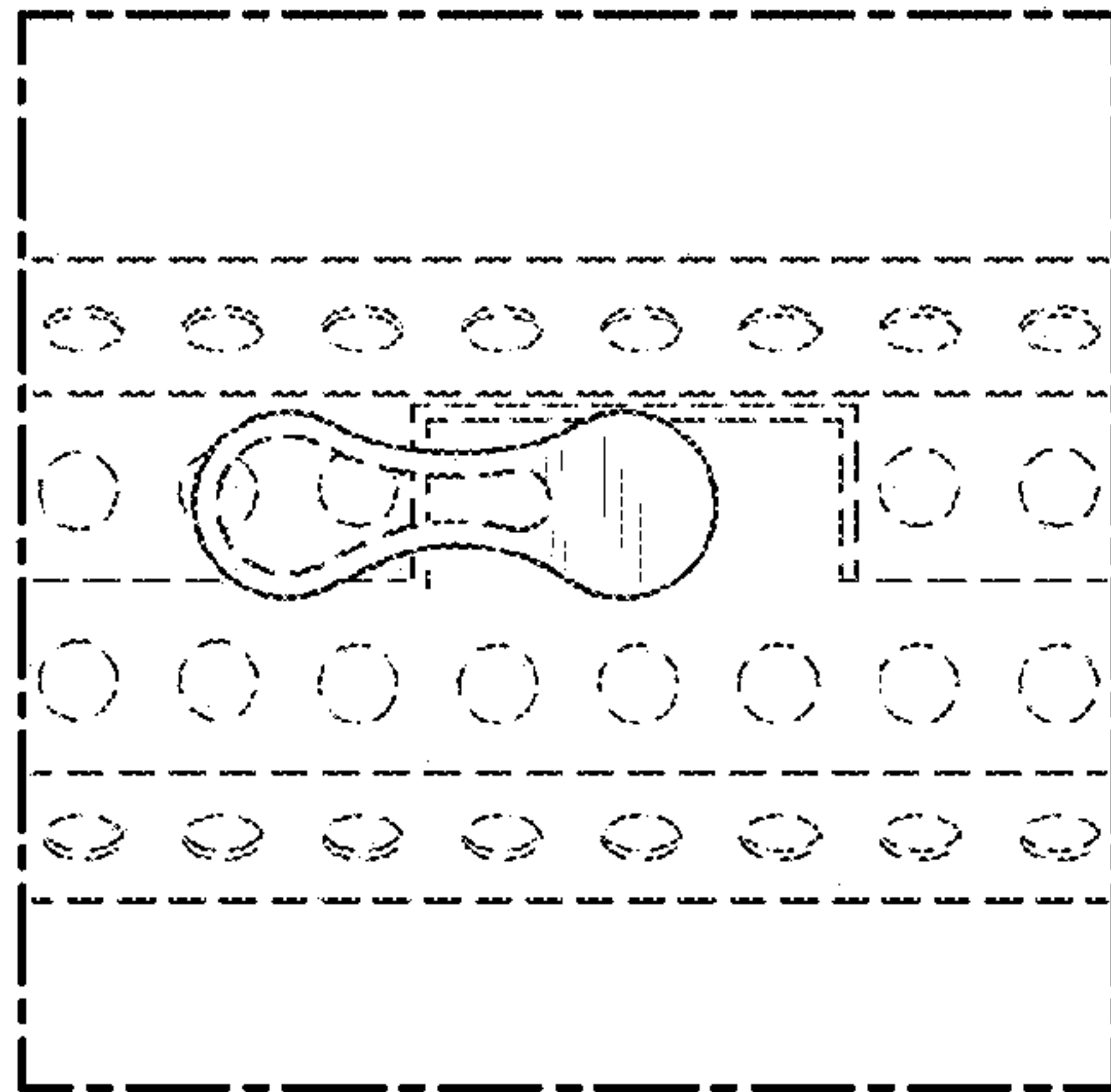


**FIG. 3**

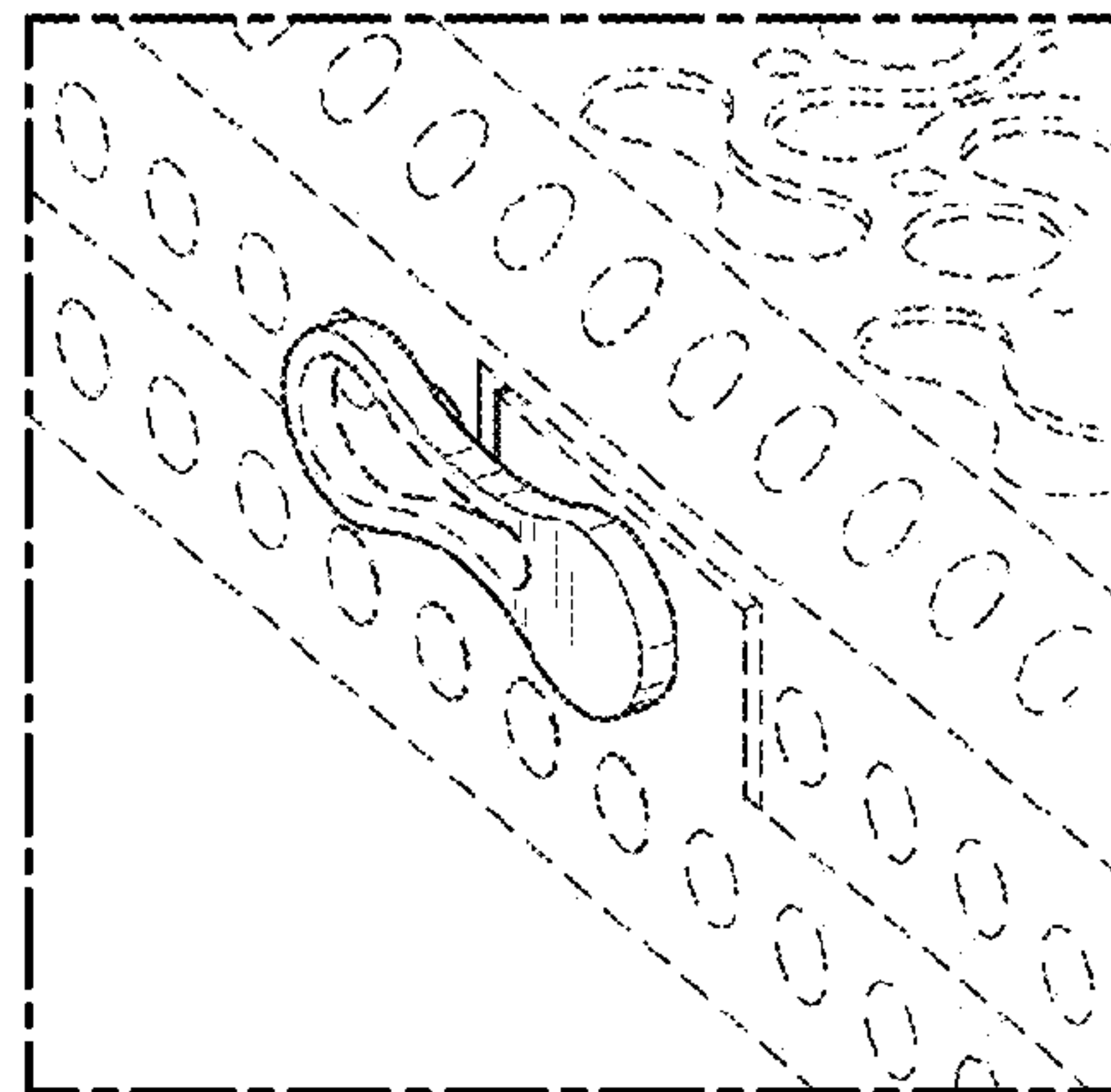


**FIG. 4**

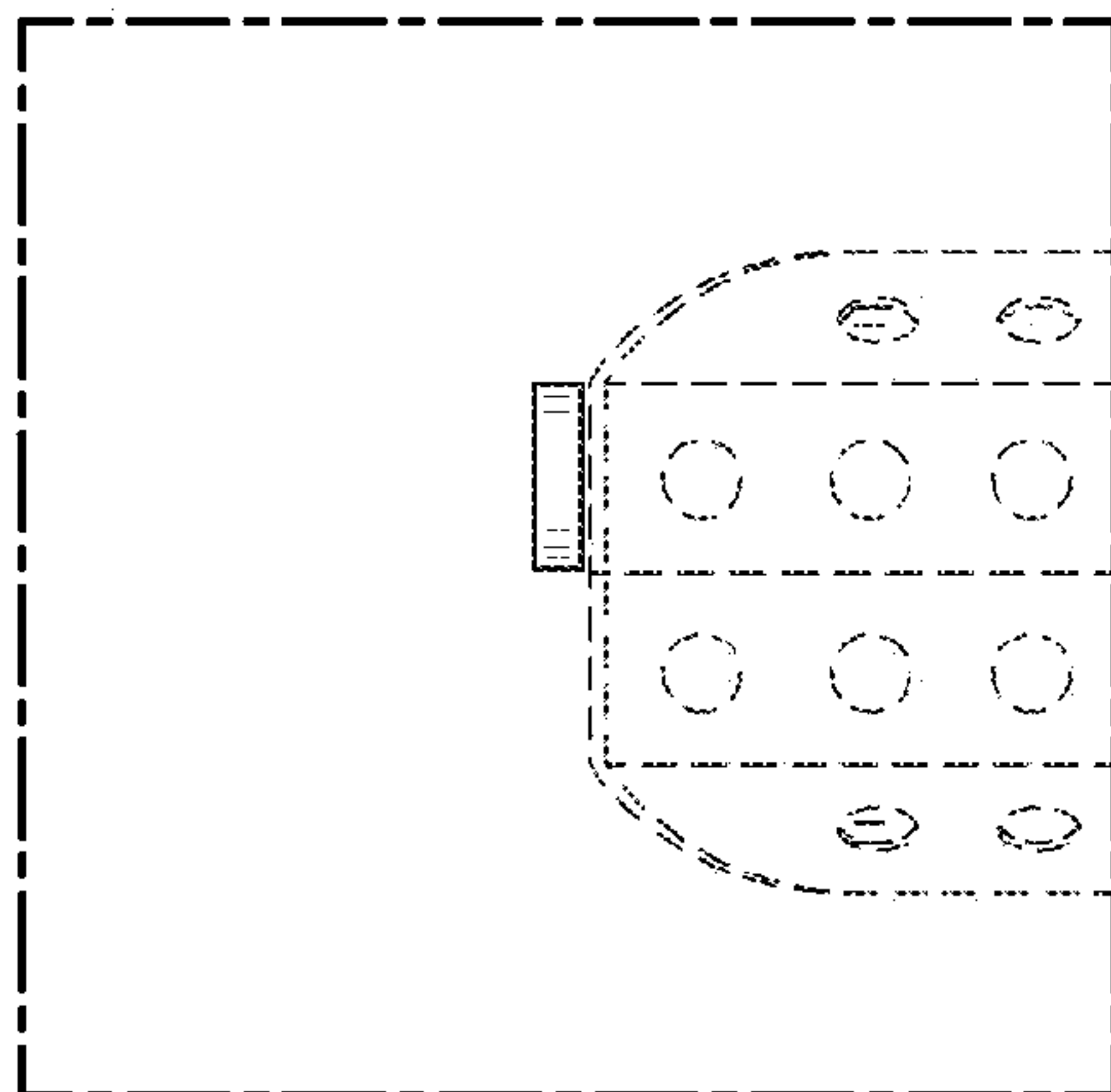




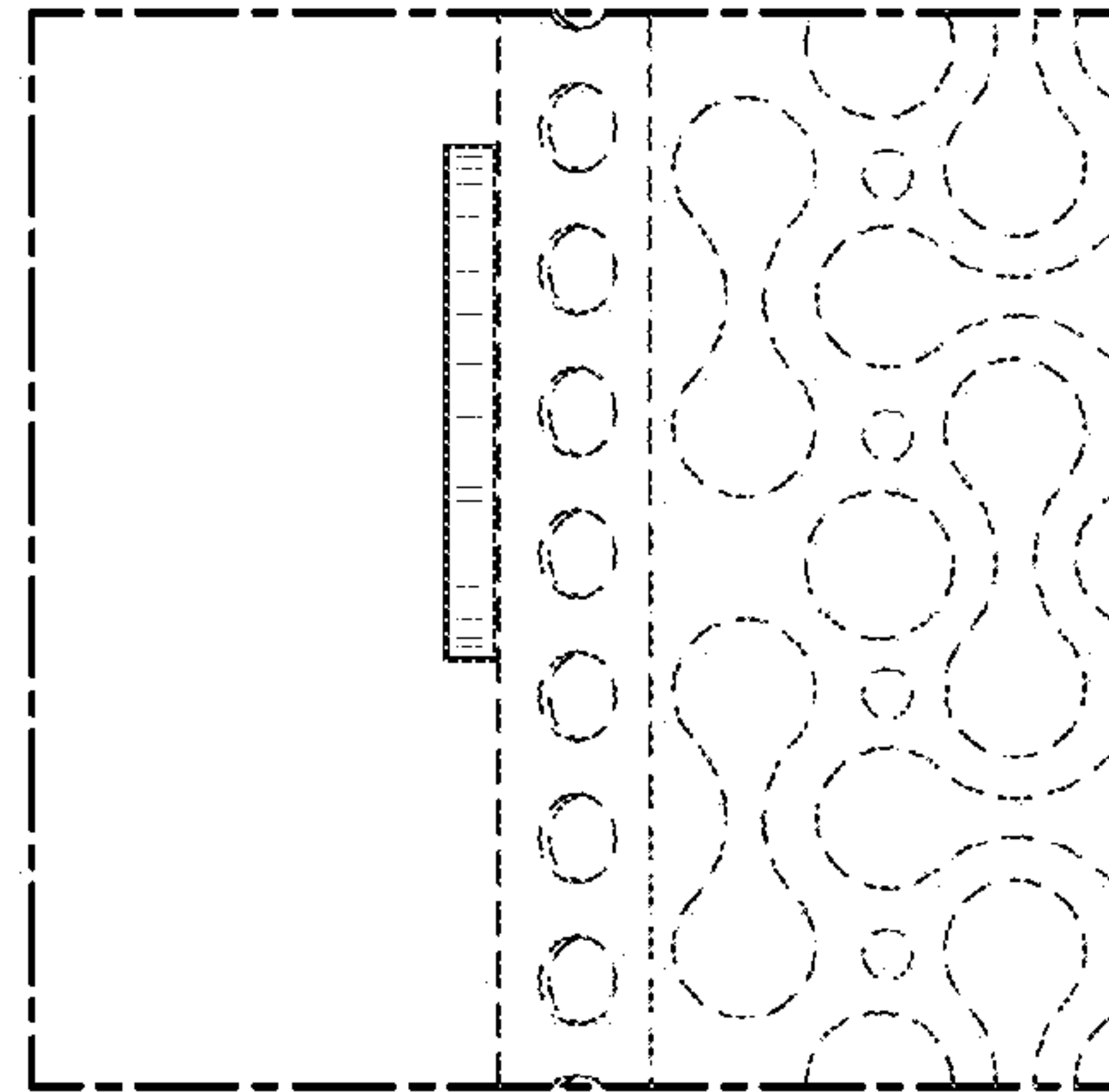
**FIG. 5**



**FIG. 6**



**FIG. 7**



**FIG. 8**