



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

(10) **Patent No.:** **US D699,690 S**
(45) **Date of Patent:** **** Feb. 18, 2014**

(54) **COOLING FIN**

(71) Applicant: **SilverStone Technology Co., Ltd.**, New Taipei (TW)

(72) Inventors: **Yung-Lin Hsu**, New Taipei (TW);
Kuan-Yu Liu, New Taipei (TW)

(73) Assignee: **SilverStone Technology Co., Ltd.**, New Taipei (TW)

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

(21) Appl. No.: **29/451,269**

(22) Filed: **Mar. 29, 2013**

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/179**

(58) **Field of Classification Search**
USPC D13/179; 165/80.3, 104.26, 104.33,
165/122, 151, 185; 257/706, 707, 718-722;
361/695, 697, 700, 702, 704, 709, 710,
361/711, 719
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,449,581 A * 5/1984 Blystone et al. 165/151
4,465,128 A * 8/1984 Krekacs et al. 165/151
4,830,102 A * 5/1989 Bakay et al. 165/151

D348,252 S * 6/1994 Mizunashi et al. D13/179
6,349,761 B1 * 2/2002 Liu et al. 165/151
6,578,627 B1 * 6/2003 Liu et al. 165/109.1
7,552,760 B1 * 6/2009 Ben Lakhdhar et al. 165/151
8,373,991 B2 * 2/2013 Fann et al. 361/710
8,381,802 B2 * 2/2013 Nishino et al. 165/109.1
2003/0000686 A1 * 1/2003 Kester 165/151
2004/0194936 A1 * 10/2004 Torii 165/151
2006/0005956 A1 * 1/2006 Kester 165/151
2007/0151716 A1 * 7/2007 Lee et al. 165/151
2012/0103572 A1 * 5/2012 Hwang et al. 165/104.26
2013/0105132 A1 * 5/2013 Huang 165/185

* cited by examiner

Primary Examiner — Selina Sikder

(74) *Attorney, Agent, or Firm* — Chun-Ming Shih; HDLS IPR Services

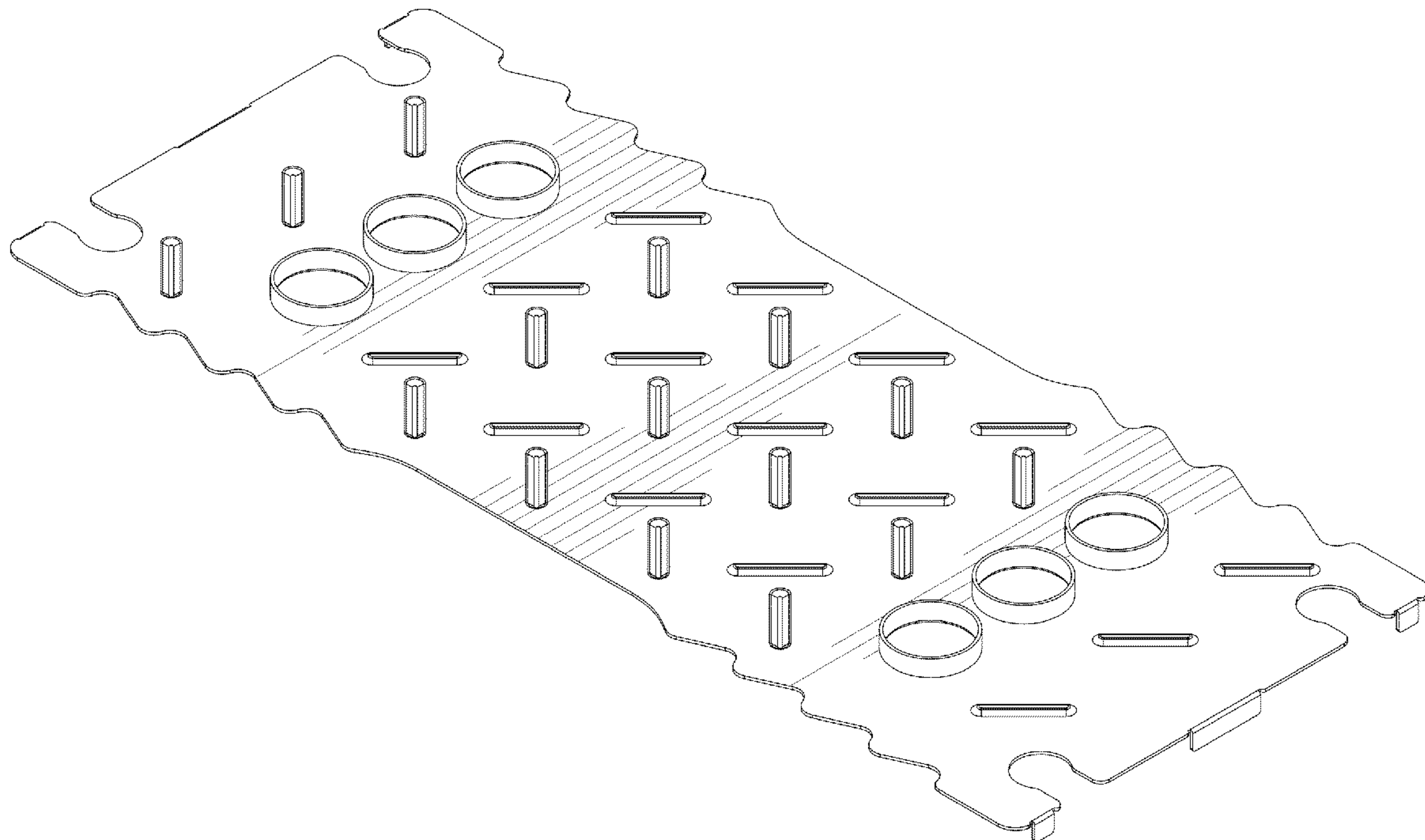
(57) **CLAIM**

The ornamental design for a cooling fin, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a cooling fin showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is the other perspective view showing the cooling fin.

1 Claim, 6 Drawing Sheets



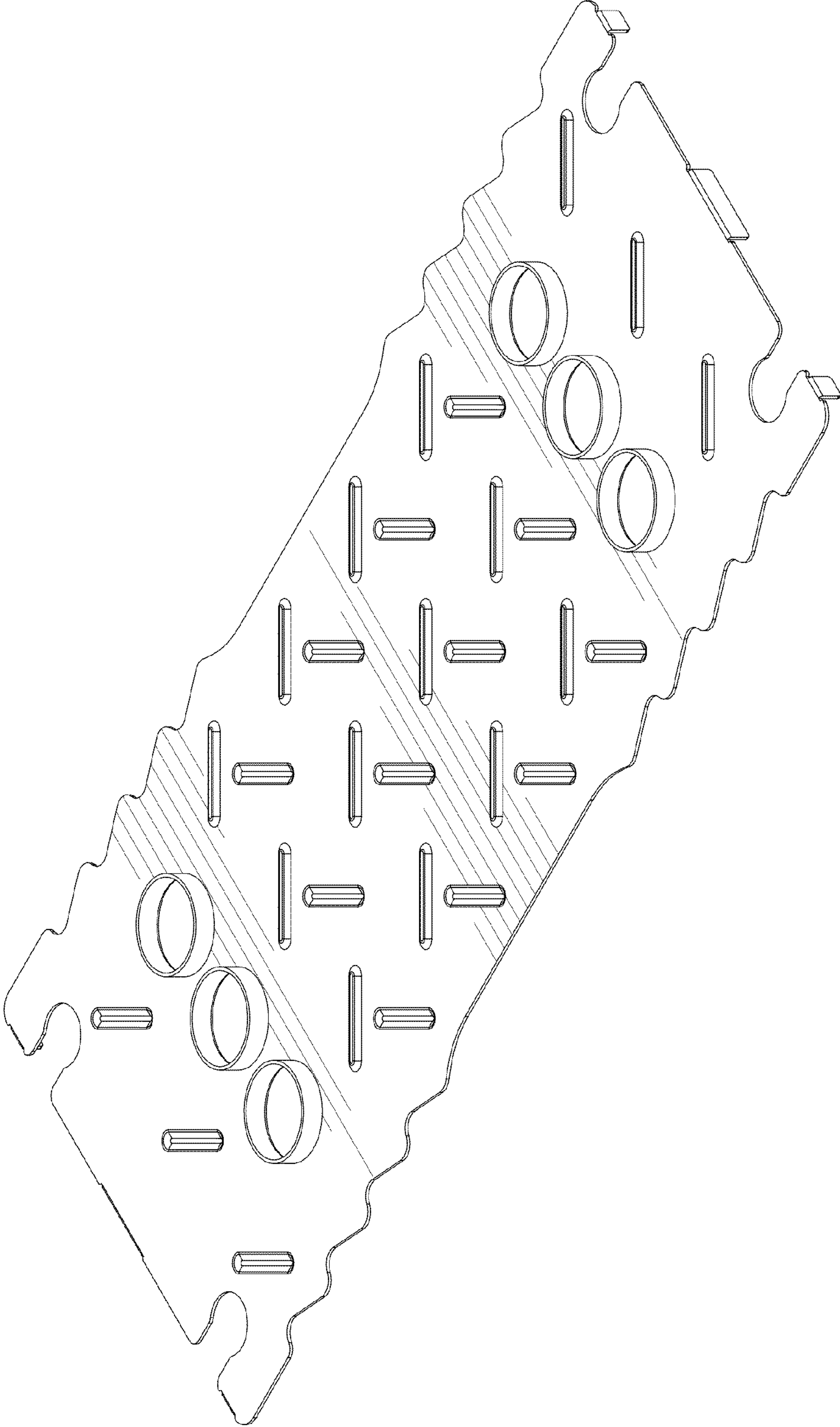


FIG.1

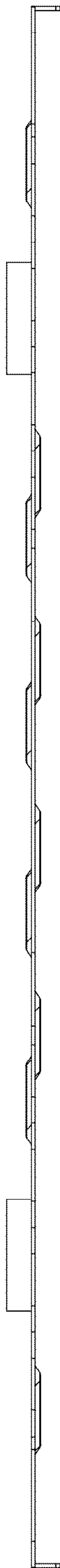


FIG. 2

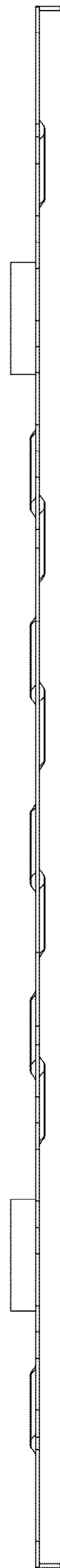


FIG. 3

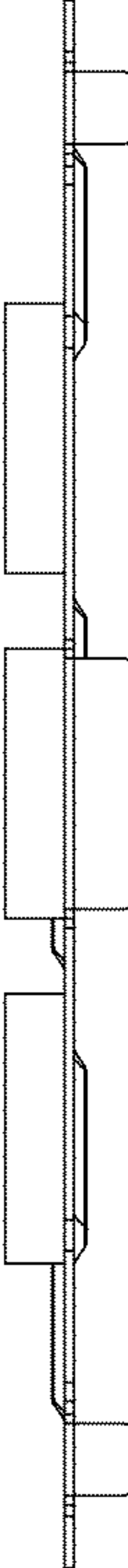


FIG.4

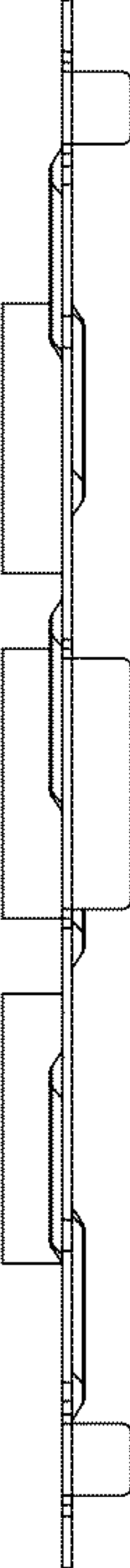


FIG.5

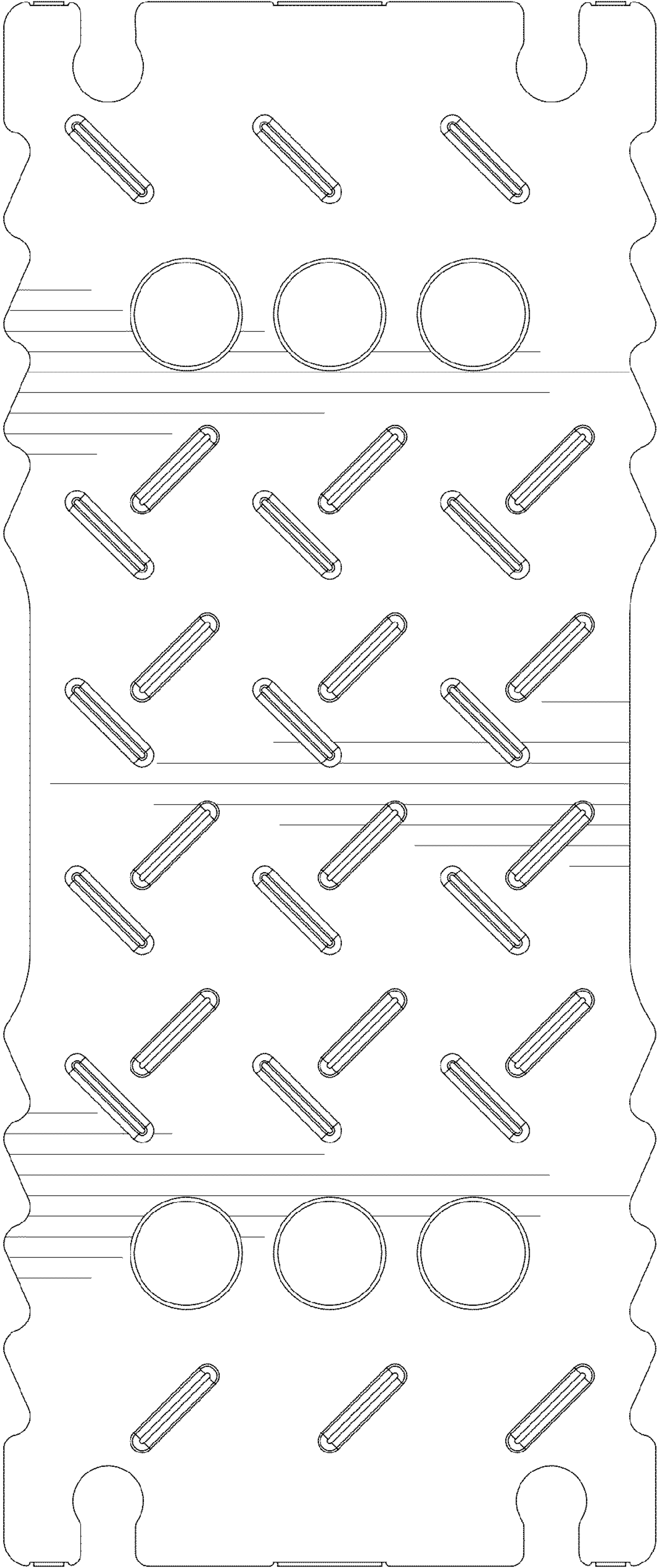


FIG.6

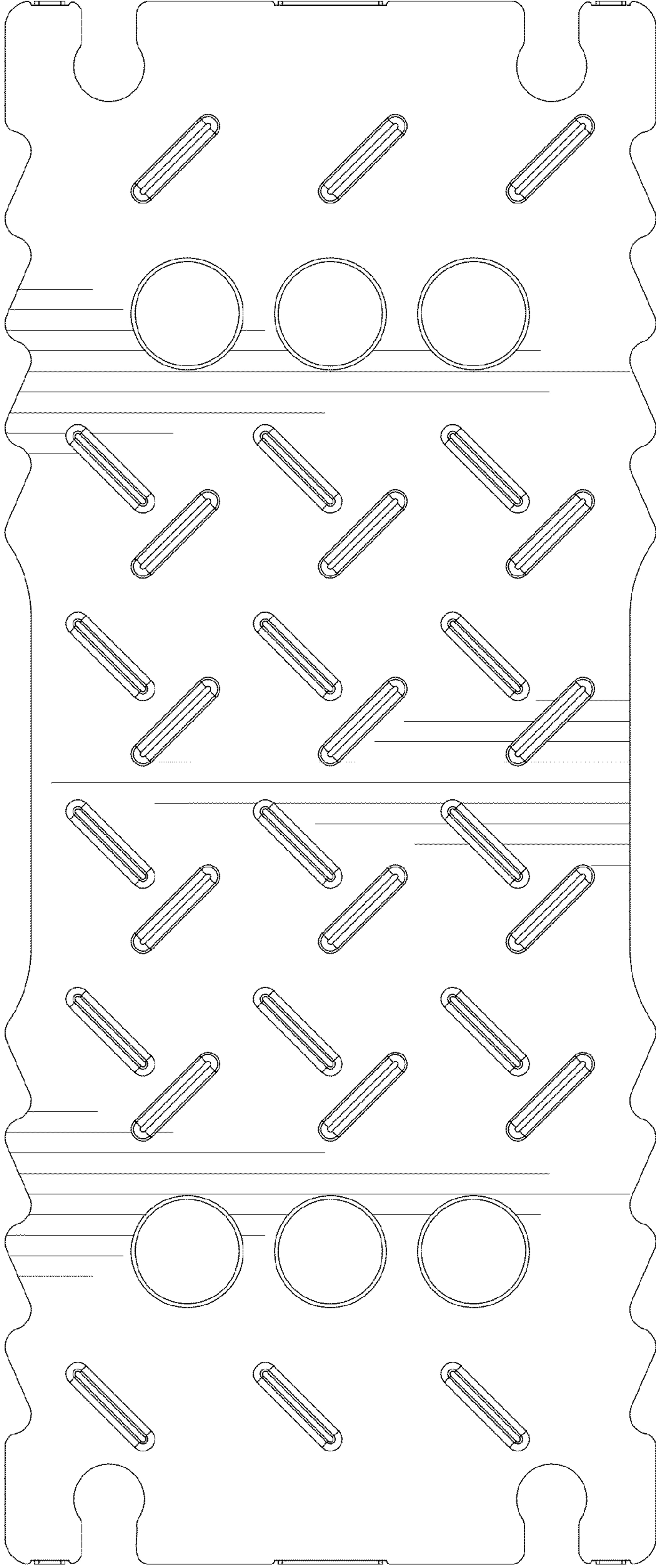


FIG. 7

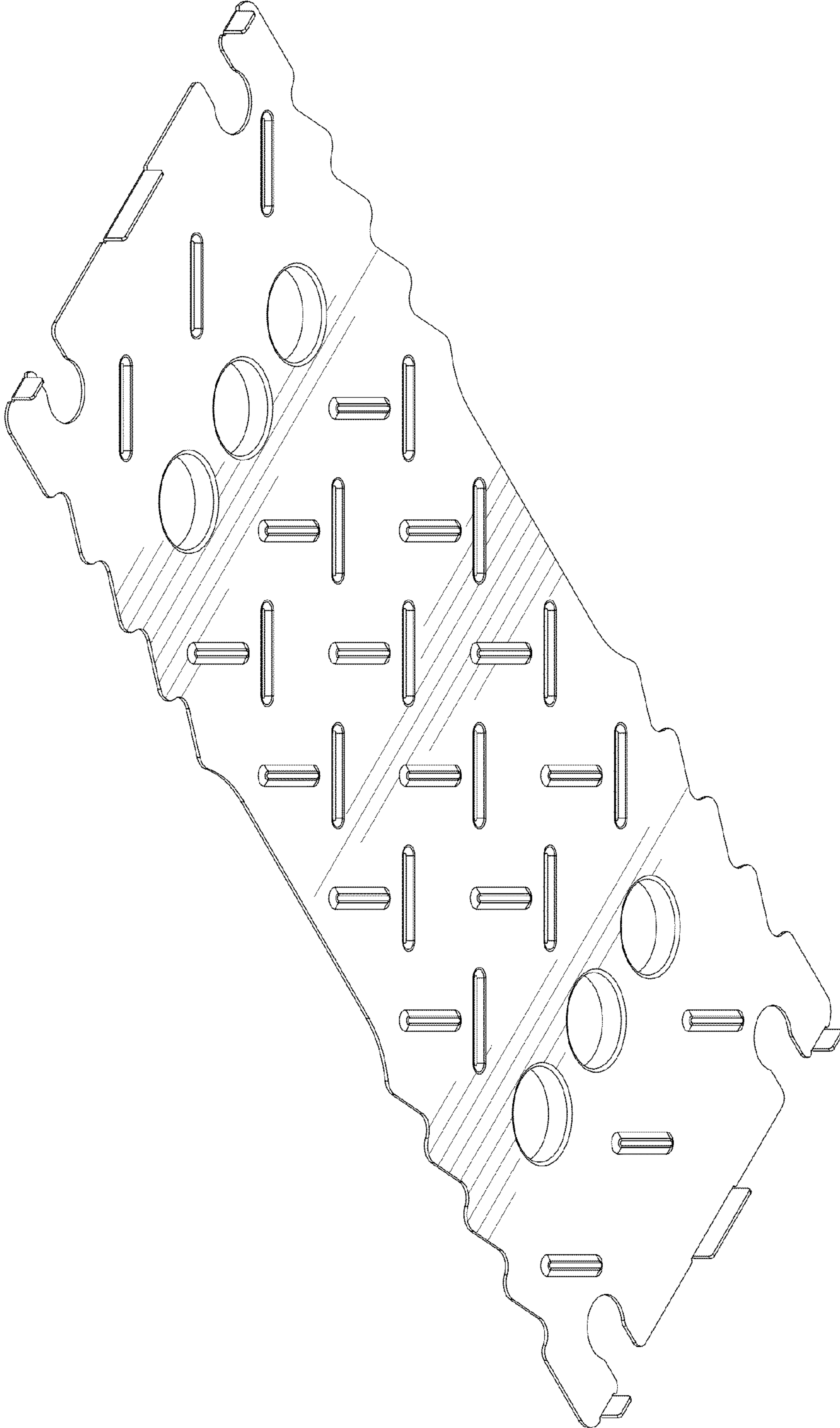


FIG.8