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(12) **United States Design Patent** (10) **Patent No.:** **US D880,730 S**
Dominguez Gutierrez (45) **Date of Patent:** **** Apr. 7, 2020**

(54) **GRID TO BUILD PERMEABLE FLOORS**

(71) Applicant: **DIMOPLAST, S.A. DE C.V.**, Mexico City (MX)

(72) Inventor: **Eugenio Salvador Dominguez Gutierrez**, Mexico City (MX)

(73) Assignee: **DIMOPLAST, S.A. DE C.V.**, Mexico City (MX)

(**) Term: **15 Years**

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(52) **U.S. Cl.**
USPC **D25/156; D25/199**

(58) **Field of Classification Search**
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CPC E04B 5/00; E04B 5/17; E04B 5/32; E04B 5/326; E04B 5/36; E04B 5/43; E04F 15/00; E04F 15/02; E04F 15/02161; E01C 3/00; E01C 3/006; E01C 9/001; E01C 9/002; E01C 13/08; E01C 5/00; E01C 5/20

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D186,362 S *	10/1959	Saathoff	.....	D25/142
D195,835 S *	8/1963	Clauss	.....	D25/58
D195,836 S *	8/1963	Claus	.....	D25/58
D215,582 S *	10/1969	Bogan	.....	D25/153
D215,585 S *	10/1969	Bogan	.....	D25/155
5,250,340 A *	10/1993	Bohnhoff	.....	E01C 9/004 428/99
D442,704 S *	5/2001	Lee	.....	E01C 9/004 D25/118
6,428,870 B1 *	8/2002	Bohnhoff	.....	E03F 1/002 405/50

D522,149 S *	5/2006	Shin	.....	D25/156
7,108,454 B2 *	9/2006	Blackwood	.....	E01C 13/083 405/36
7,201,538 B2 *	4/2007	Blackwood	.....	E01C 13/083 404/36
D555,809 S *	11/2007	Urriola	.....	D25/118
D571,024 S *	6/2008	Lee	.....	D25/118
D575,881 S *	8/2008	Diamond	.....	D25/156
7,950,191 B2 *	5/2011	Brouwers	.....	E01C 9/004 15/161
8,398,332 B2 *	3/2013	Allen	.....	E01C 9/004 404/70
D685,924 S *	7/2013	Lee	.....	D25/118
D685,925 S *	7/2013	Kim	.....	D25/152
D771,837 S *	11/2016	Astacio	.....	D25/117
9,670,624 B1 *	6/2017	Stiles	.....	E01C 5/00

(Continued)

Primary Examiner — Llorellys Martinez

(74) *Attorney, Agent, or Firm* — Leason Ellis LLP

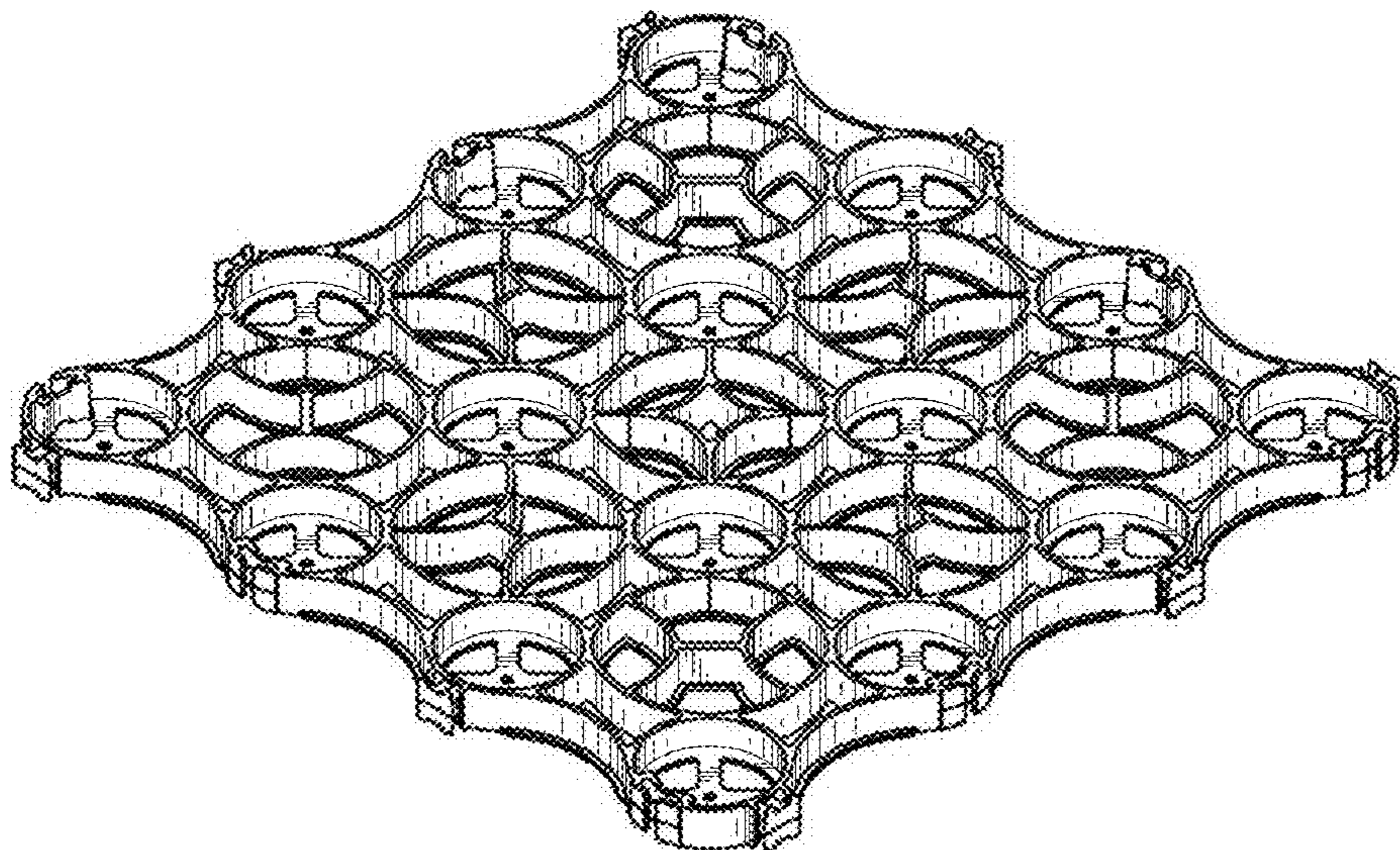
(57) **CLAIM**

The ornamental design for a grid to build permeable floors, as shown and described.

DESCRIPTION

FIG. 1 is a top and side perspective view of a grid to build permeable floors showing my new design;
 FIG. 2 is a top plan view thereof;
 FIG. 3 is a first side elevation view thereof, the second, third and fourth sides being identical views thereto;
 FIG. 4 is a bottom plan view thereof;
 FIG. 5 is another top and side perspective view thereof, showing the grid to build permeable floors in a first configuration of use; and,
 FIG. 6 is another top and side perspective view thereof, showing the grid to build permeable floors in a second configuration of use.
 The broken lines in FIGS. 5 and 6 illustrate environmental subject matter only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D792,987 S * 7/2017 Stiles D25/155
10,072,383 B1 * 9/2018 Stiles E01C 5/20
D830,584 S * 10/2018 Comitale D25/138
D848,642 S * 5/2019 Downey D25/138
D866,006 S * 11/2019 Nelson D25/138
D869,692 S * 12/2019 Qian D25/152
2008/0260459 A1 * 10/2008 Otto E01C 5/20
404/18
2015/0252563 A1 * 9/2015 Cerny E04B 5/43
52/588.1
2019/0017228 A1 * 1/2019 Van Raam E01C 3/006
2019/0145112 A1 * 5/2019 Gooden E01C 9/004
404/17
2019/0246575 A1 * 8/2019 Hartman E01C 5/22

* cited by examiner

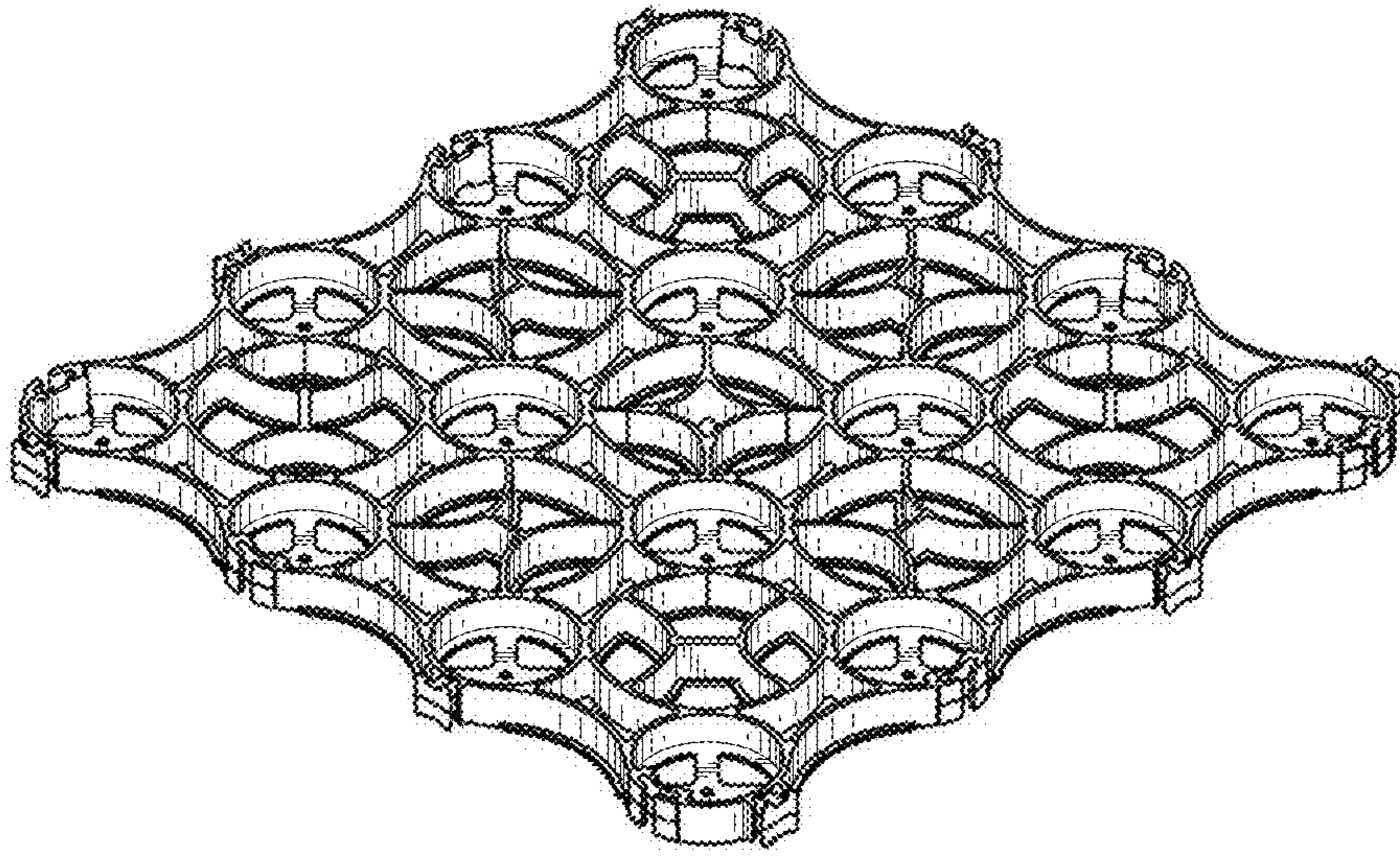


Fig. 1

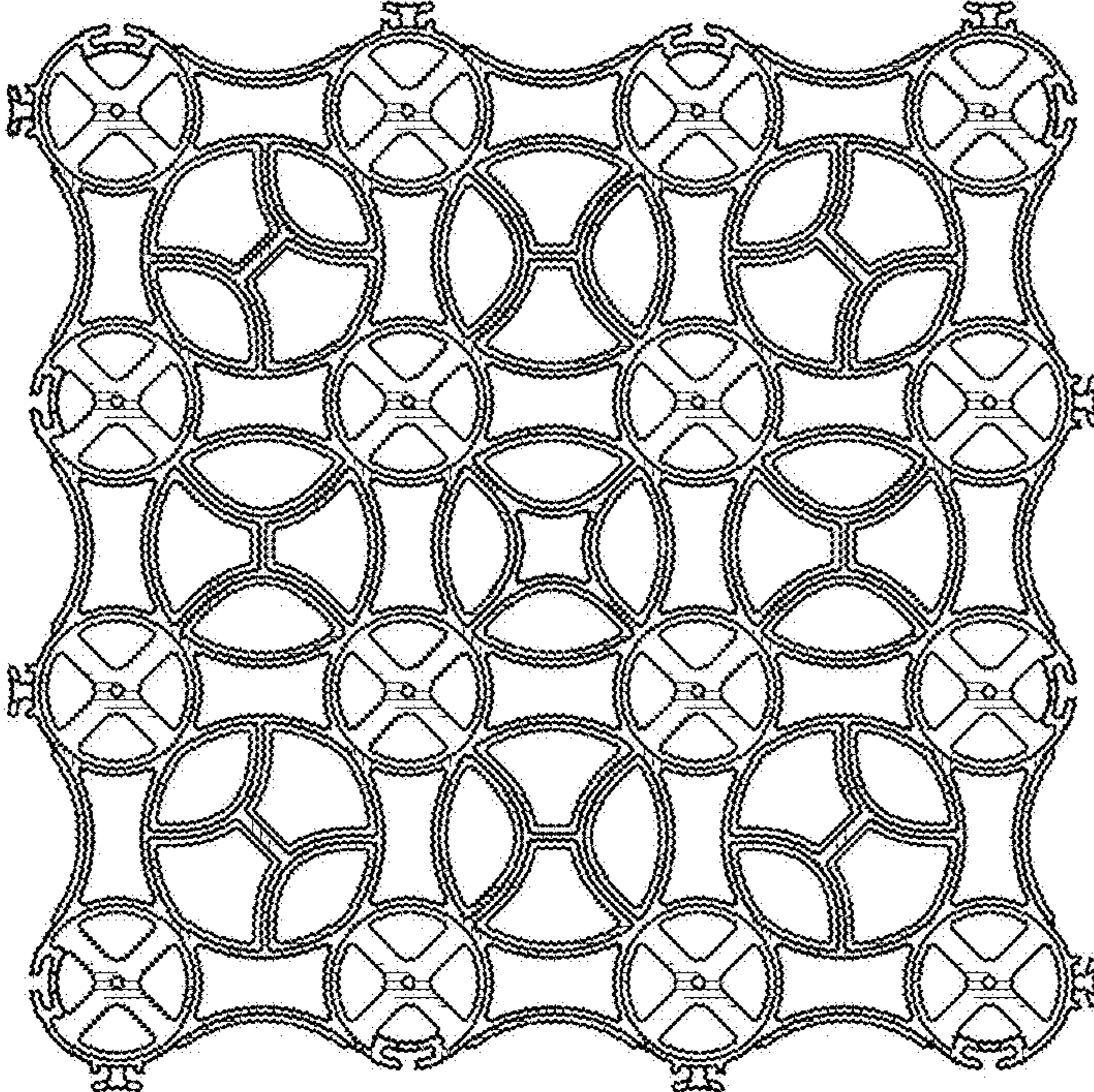


Fig. 2

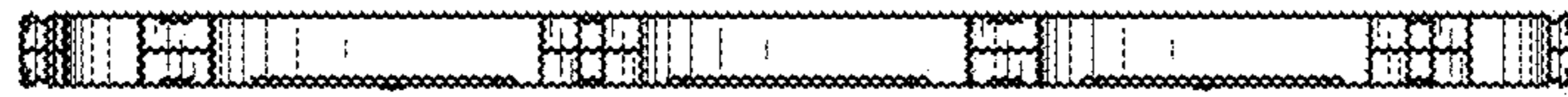


Fig. 3

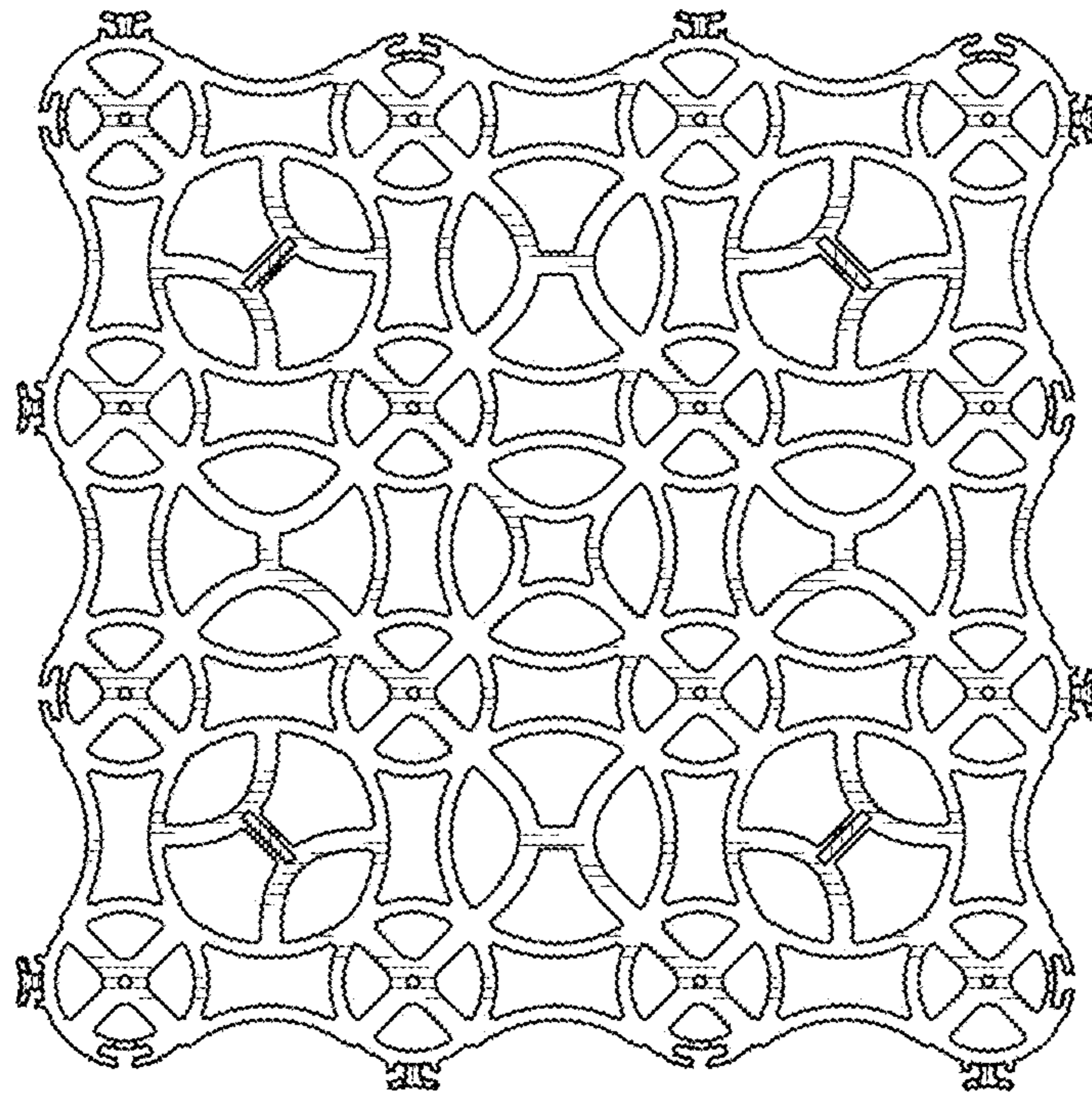


Fig. 4

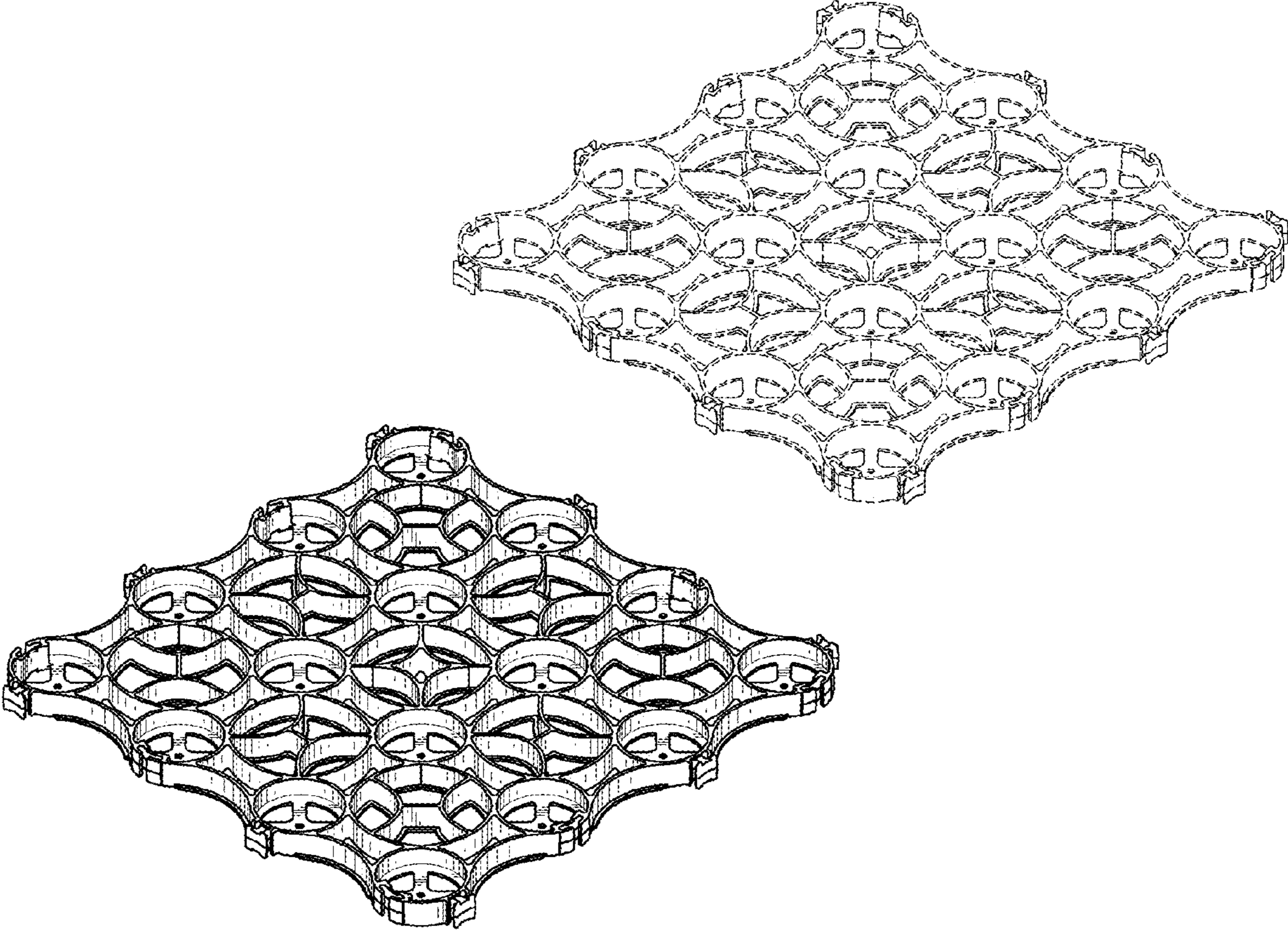


Fig. 5

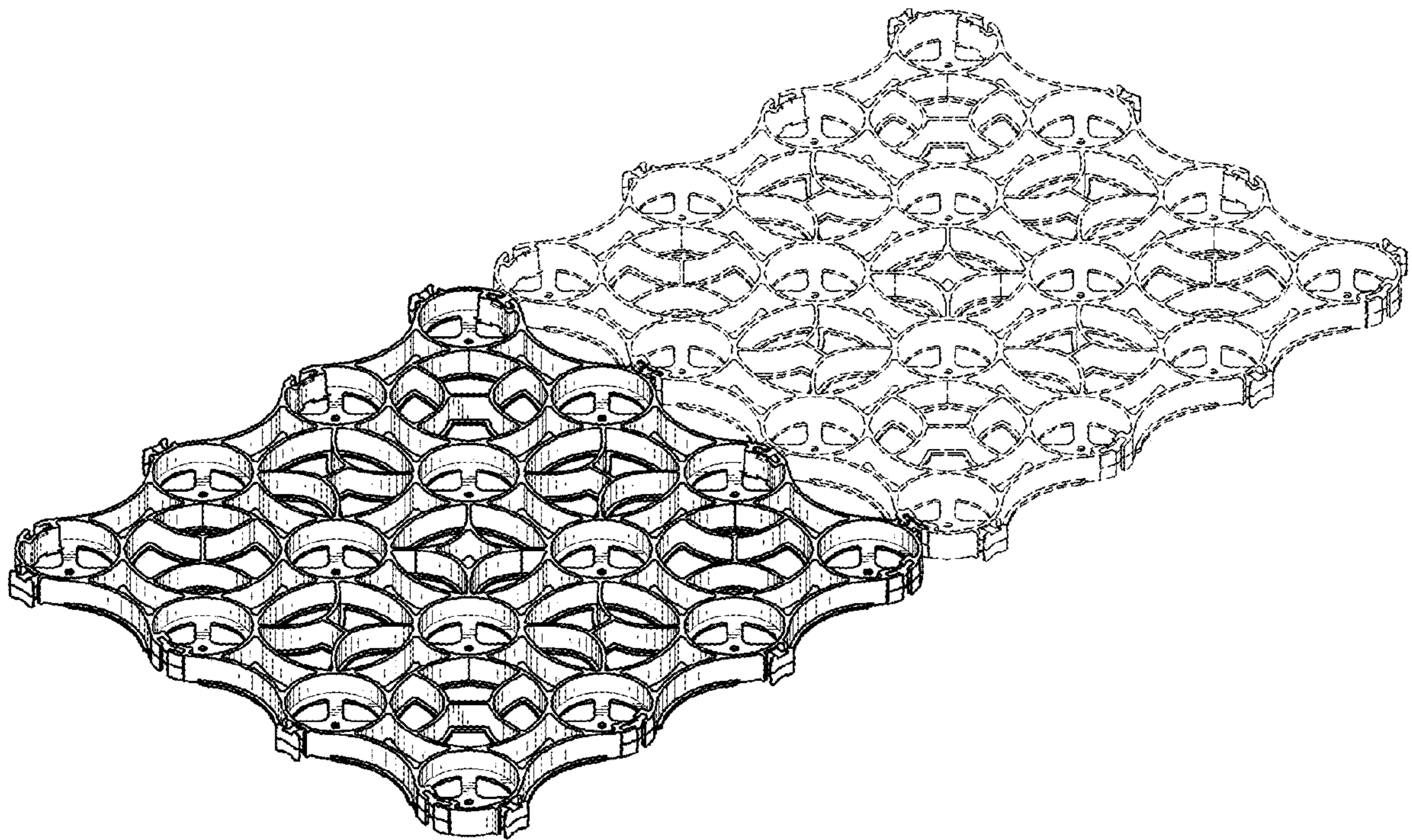


Fig. 6