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Cho et al.

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(54) **PHOTOCATALYST FILTER FOR AIR CLEANERS**

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

(21) Appl. No.: **29/521,260**

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/365**

(58) **Field of Classification Search**

USPC D23/355-365, 386-388, 314, 325,
D23/333-336; 55/478, 482, 483, 490, 497,
55/498, 520, 521, 529
CPC B01D 46/00; B01D 46/0004; B01D 27/04;
B01D 27/06; B01D 39/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,352,274 A * 10/1994 Blakley B01D 39/18
55/497
D414,281 S * 9/1999 Sassenberg D25/152
D571,608 S * 6/2008 Yeung D7/388
D599,465 S * 9/2009 Mitchell D23/388
D604,105 S * 11/2009 Metcalfe D7/388
D708,311 S * 7/2014 Platt D23/365

FOREIGN PATENT DOCUMENTS

WO WO 2006/012520 A2 * 2/2006

* cited by examiner

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(57) **CLAIM**

The ornamental design for a photocatalyst filter for air cleaners, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a photocatalyst filter for air cleaners.

FIG. 2 is a front view of the photocatalyst filter for air cleaners.

FIG. 3 is a rear view of the photocatalyst filter for air cleaners.

FIG. 4 is a left-side view of the photocatalyst filter for air cleaners.

FIG. 5 is a right-side view of the photocatalyst filter for air cleaners.

FIG. 6 is a top view of the photocatalyst filter for air cleaners; and,

FIG. 7 is a bottom view of the photocatalyst filter for air cleaners.

1 Claim, 7 Drawing Sheets

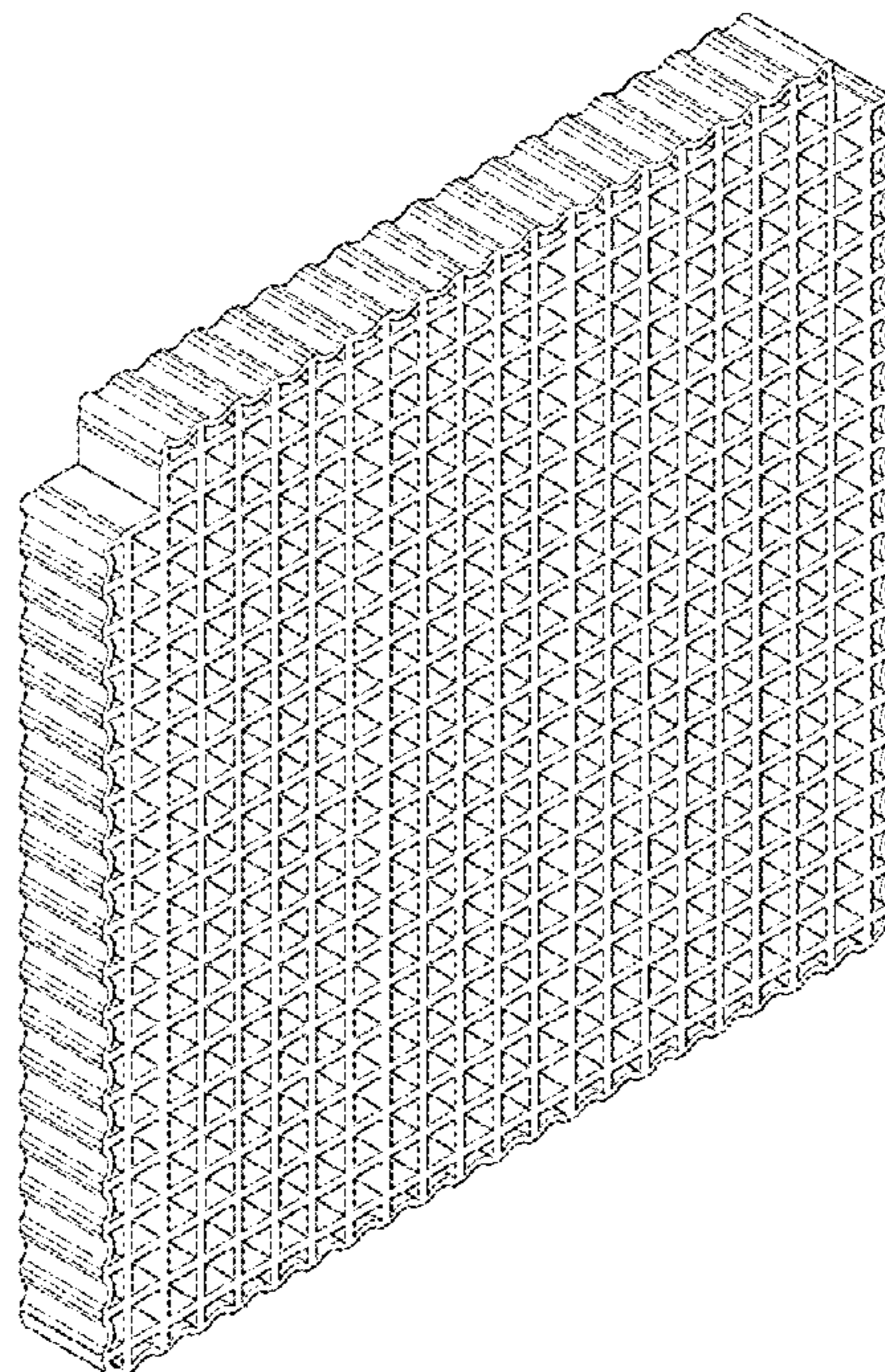


FIG. 1

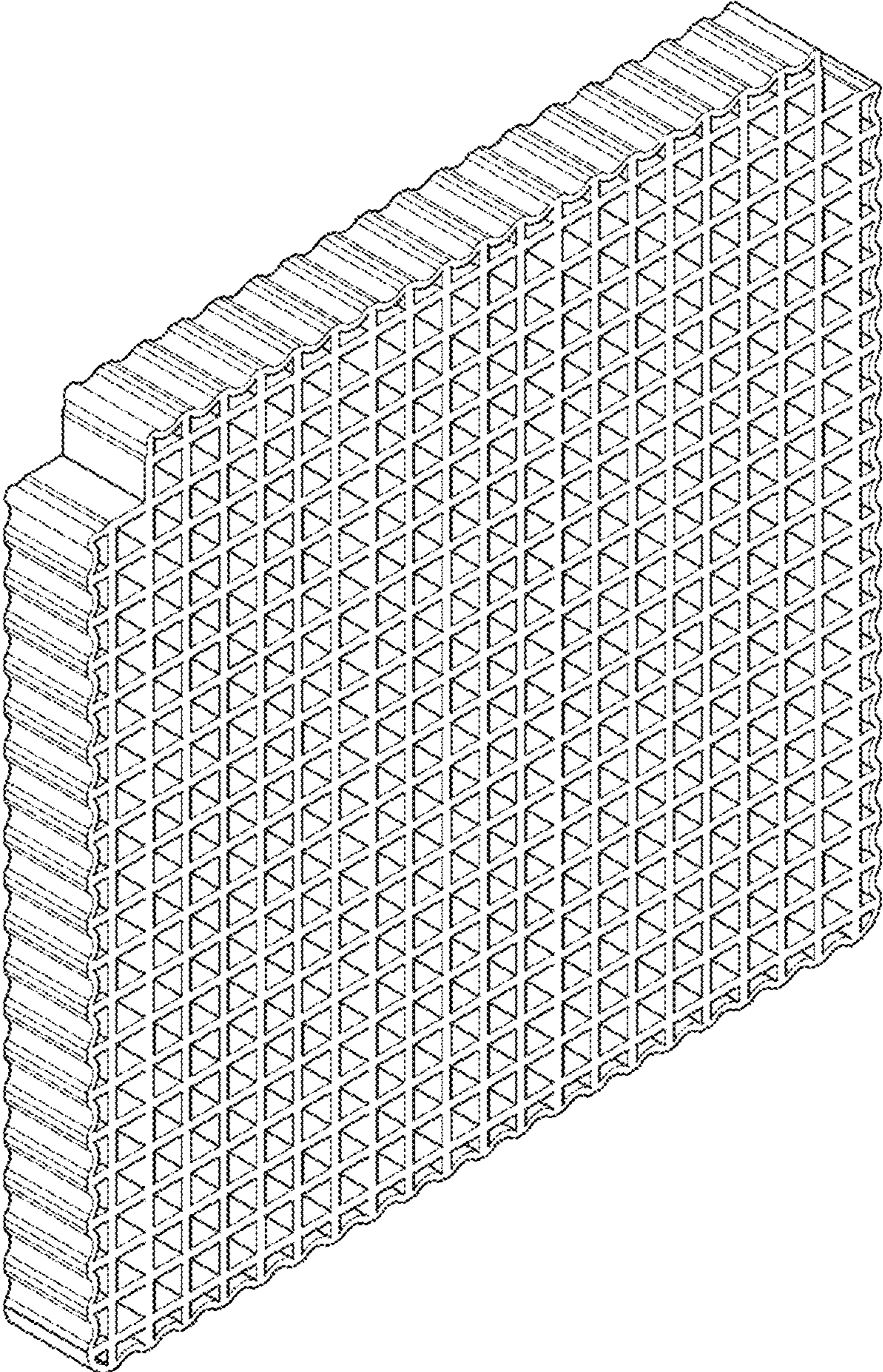


FIG. 2

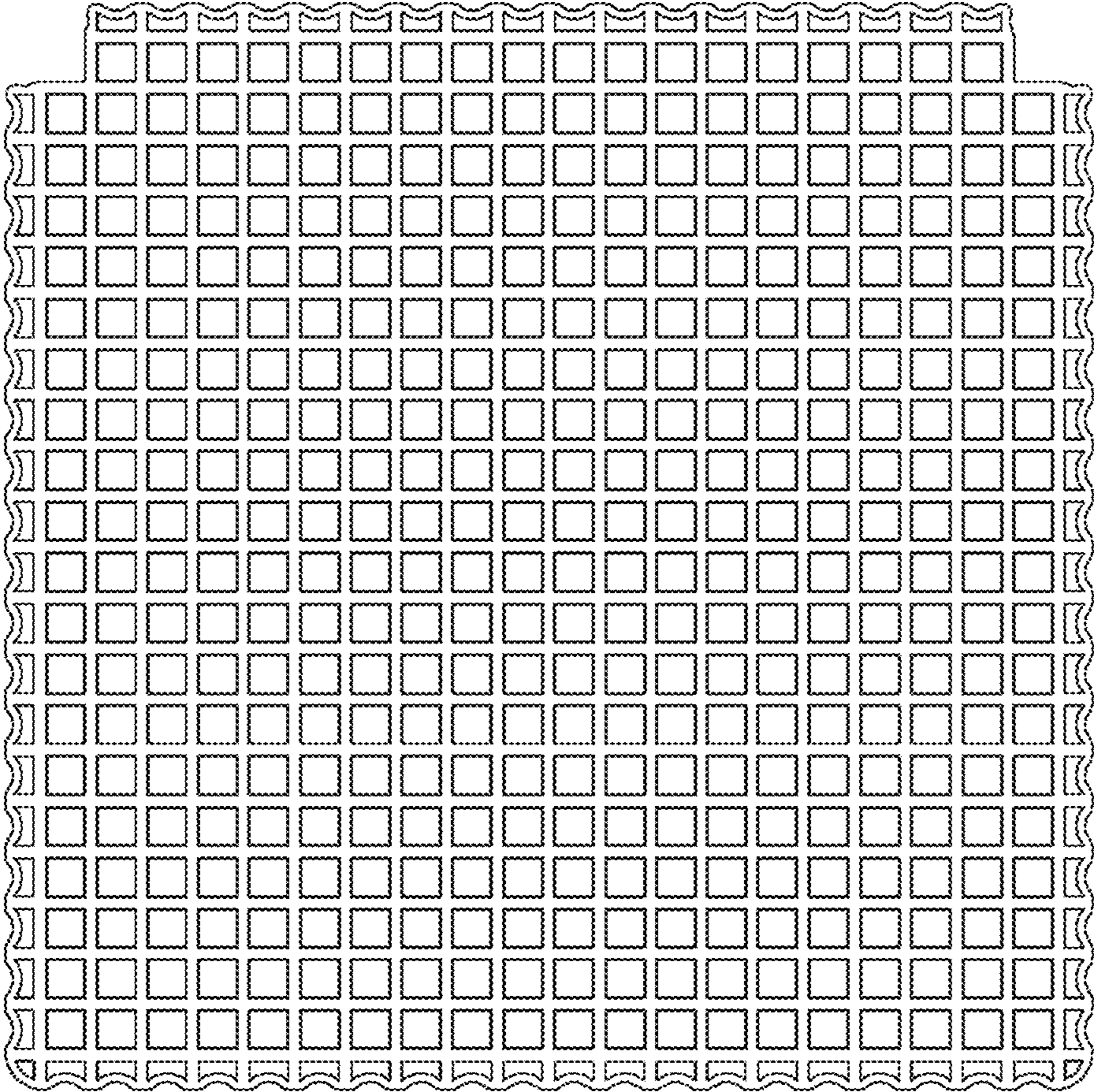


FIG. 3

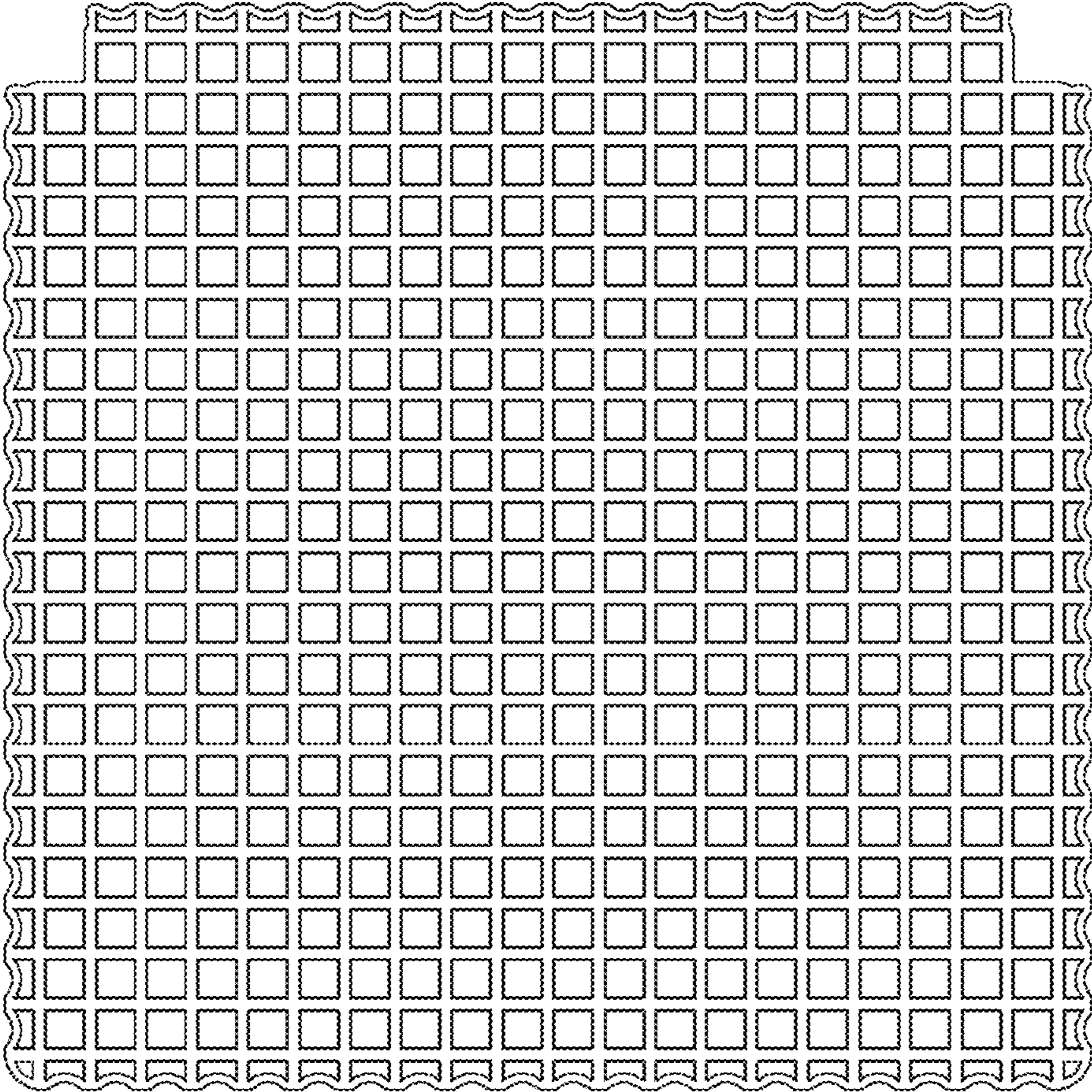


FIG. 4

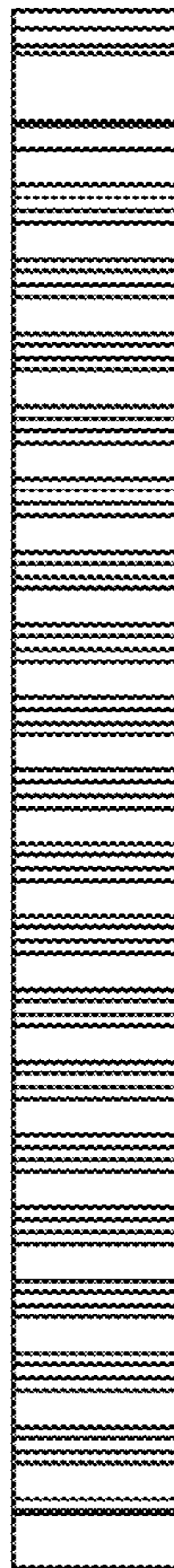


FIG. 5

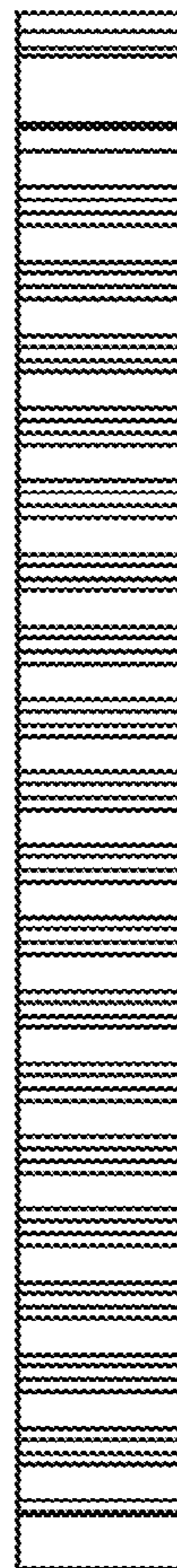


FIG. 6

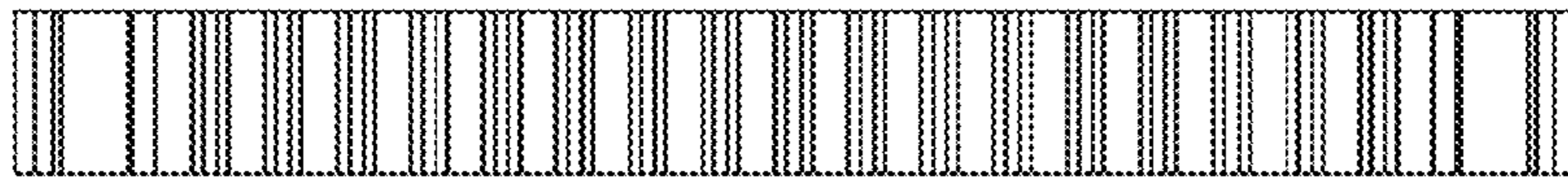


FIG. 7

