



US00D885467S

(12) **United States Design Patent** (10) **Patent No.:** **US D885,467 S**  
**Noda** (45) **Date of Patent:** **\*\* May 26, 2020**

(54) **IMAGE PROJECTOR** 8,780,024 B2 \* 7/2014 Geissler ..... H04N 9/3126  
345/84  
(71) Applicant: **Panasonic Intellectual Property** 8,797,242 B2 \* 8/2014 Geissler ..... H04N 9/3126  
**Management Co., Ltd.,** Osaka-shi, 345/84  
Osaka (JP) 2010/0253863 A1 \* 10/2010 Harding ..... H04N 9/3126  
348/750

(72) Inventor: **Atsushi Noda,** Tokyo (JP)  
(73) Assignee: **Panasonic Intellectual Property**  
**Management Co., Ltd.,** Osaka (JP)

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

(21) Appl. No.: **29/636,444**

(22) Filed: **Feb. 8, 2018**

(30) **Foreign Application Priority Data**

Aug. 8, 2017 (JP) ..... 2017-017080

(51) **LOC (12) Cl.** ..... **16-02**

(52) **U.S. Cl.**  
USPC ..... **D16/235**

(58) **Field of Classification Search**  
USPC ..... D16/221, 225, 233, 235, 136-137, 241;  
345/87; 353/30, 33, 122  
CPC ..... G03B 21/54; H04N 9/3126; H04N 9/3129  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,902,787 A \* 9/1959 Cook ..... A47G 1/0622  
D16/225  
D211,910 S \* 8/1968 Lieberman et al. .... D16/225  
D250,651 S \* 12/1978 Rosenthal ..... D16/225  
D344,968 S 3/1994 Dowd  
7,106,505 B2 \* 9/2006 Whitehead ..... H04N 9/3126  
359/443  
7,777,945 B2 \* 8/2010 Whitehead ..... H04N 9/3126  
359/443  
8,199,401 B2 \* 6/2012 Ninan ..... H04N 9/3126  
359/443

**OTHER PUBLICATIONS**

Xuite, pages obtained from the Internet on Aug. 28, 2018, from URL: <[http://blog.xuite.net/grace\\_workingroom/twblog/127691059](http://blog.xuite.net/grace_workingroom/twblog/127691059)>, dated Nov. 16, 2009, pp. 1-5.

\* cited by examiner

*Primary Examiner* — Wan Laymon

(74) *Attorney, Agent, or Firm* — Brinks Gilson & Lione

(57) **CLAIM**

I claim the ornamental design for an image projector, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view showing an image projector of the present invention;  
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;  
FIG. 8 is a cross-sectional view taken along lines 8-8 in FIG. 2; and,  
FIG. 9 is a cross-sectional view taken along lines 9-9 in FIG. 2.

The claimed design is directed to a transparent article. The broken lines shown in the figures are included for the purpose of illustrating portions of the image projector and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**

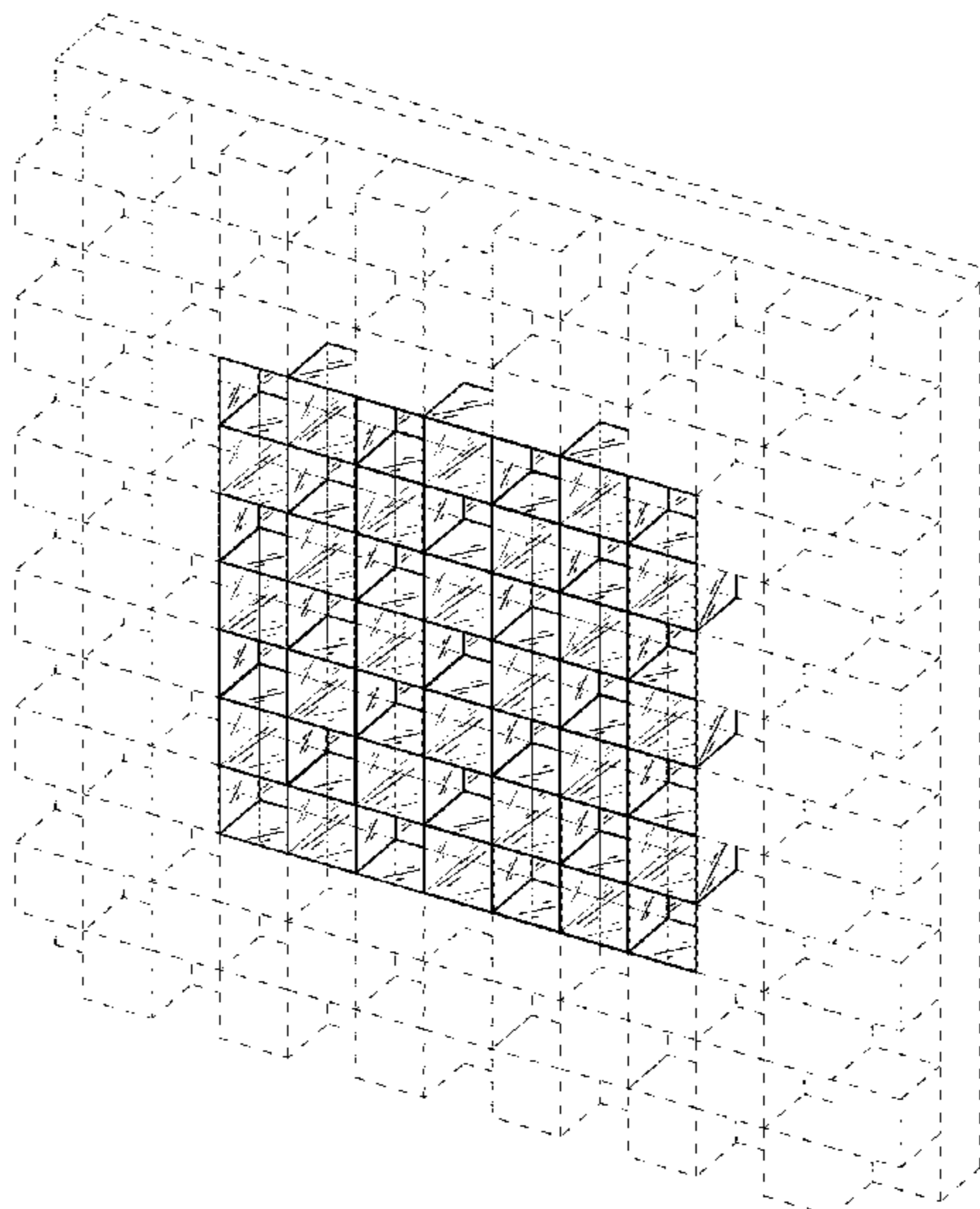


FIG. 1

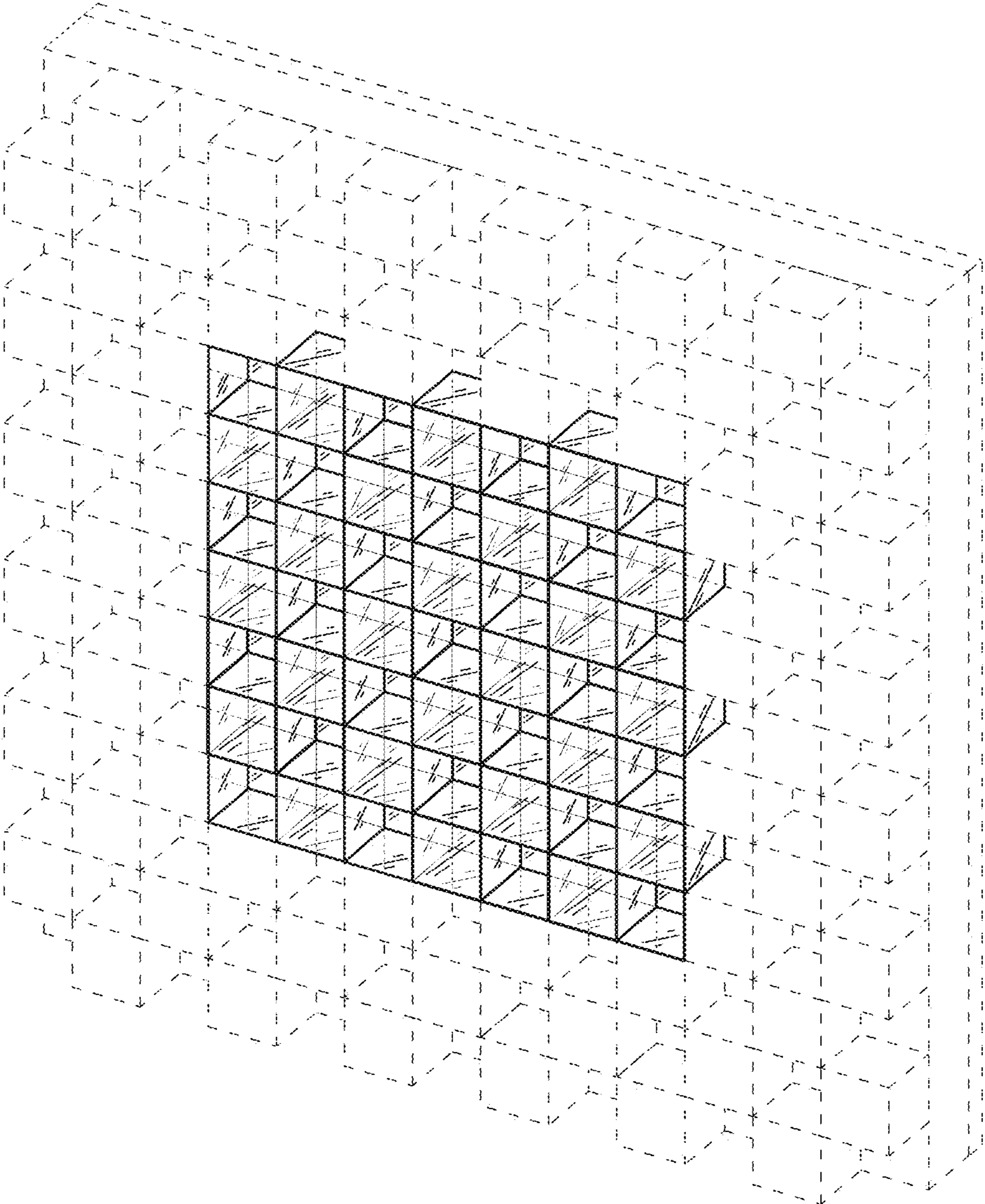
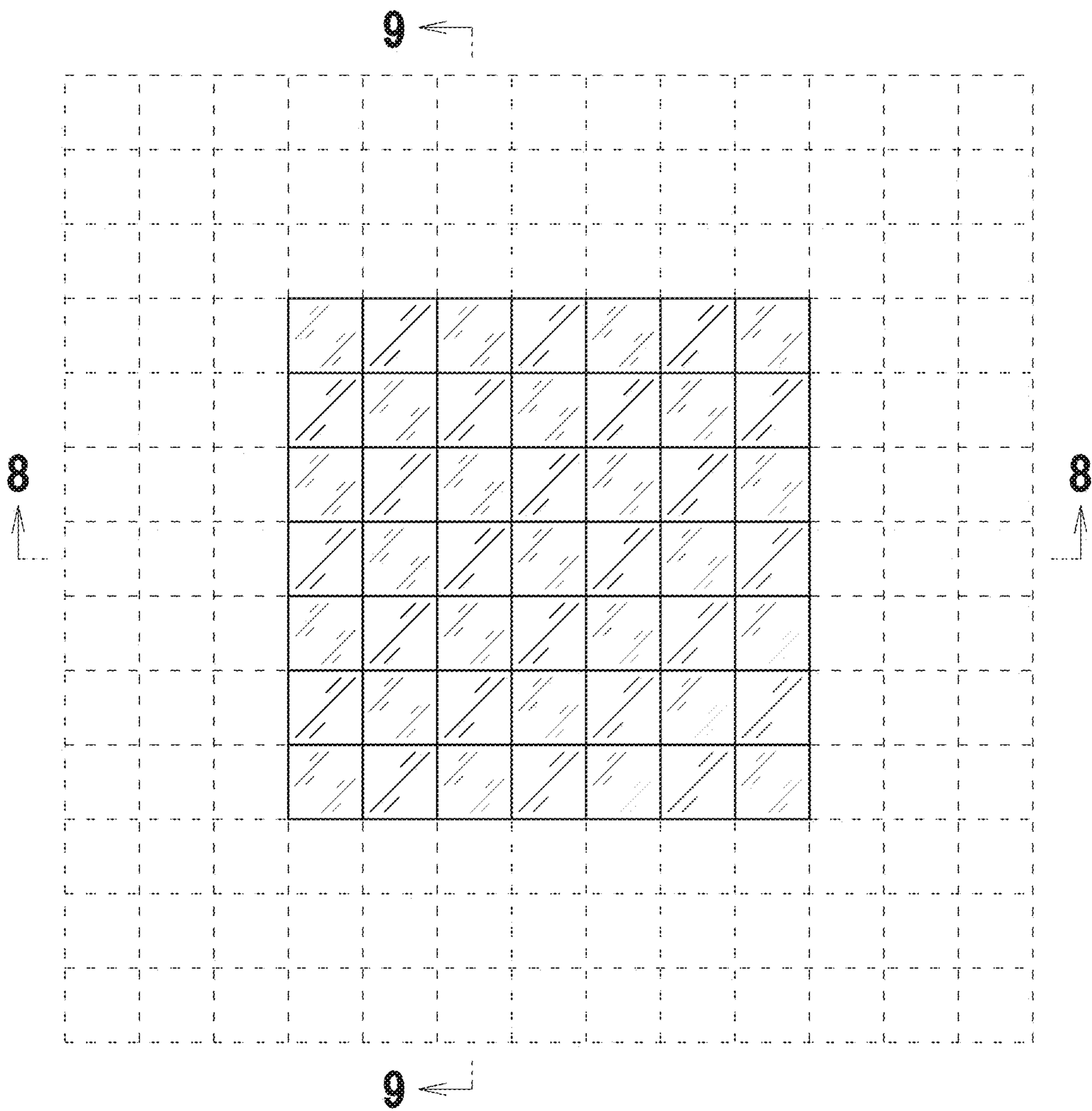


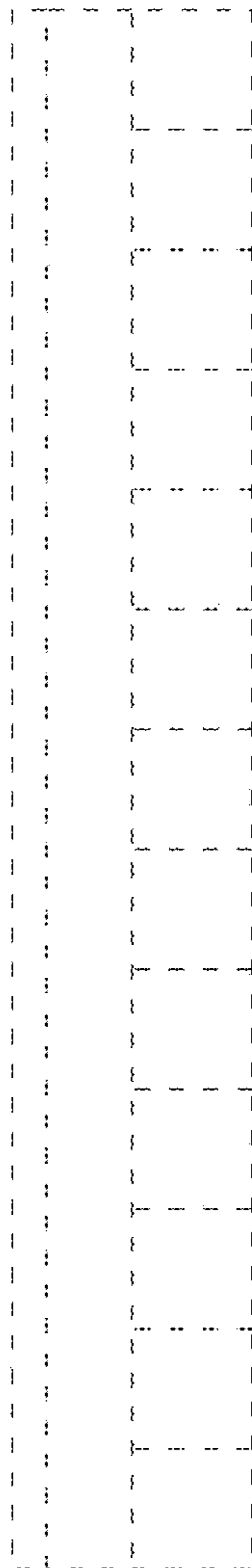
FIG. 2



**FIG. 3**

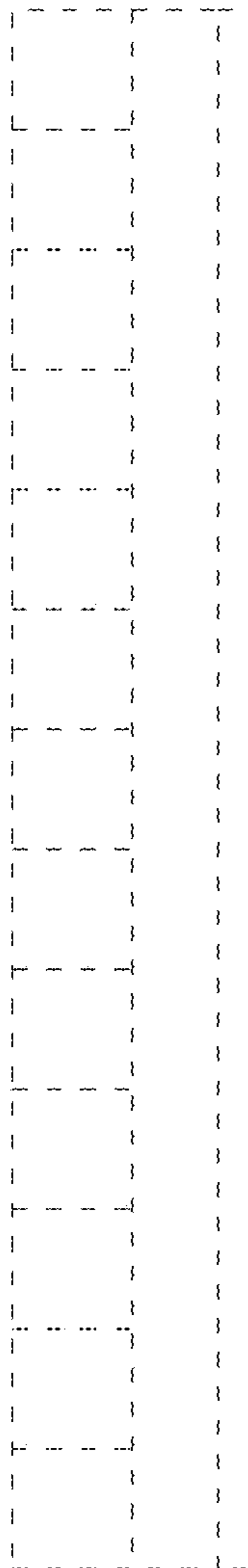


**FIG. 4**

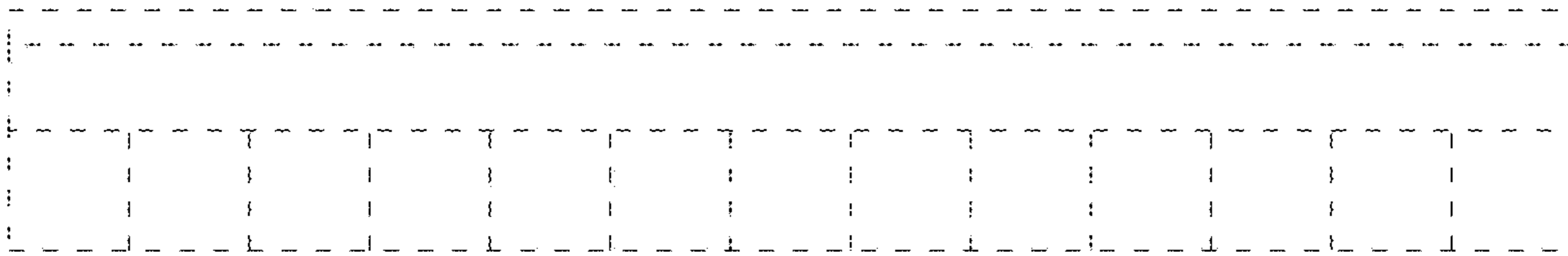




**FIG. 5**



**FIG. 6**



**FIG. 7**

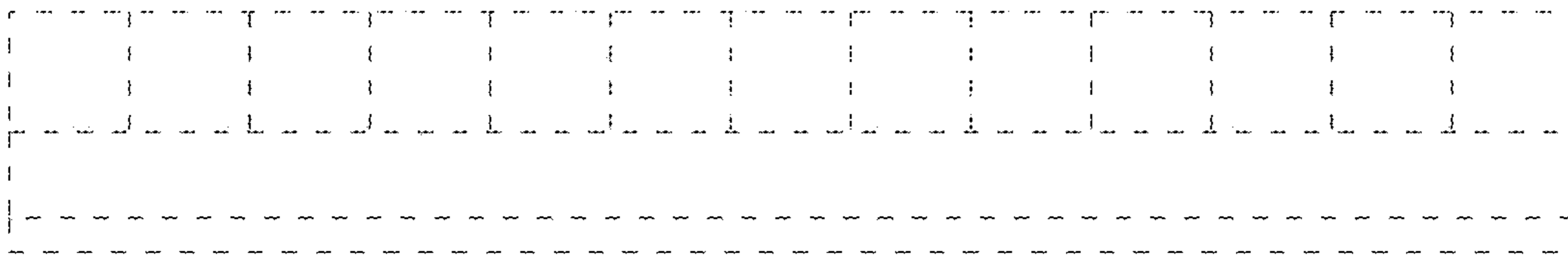




FIG. 8

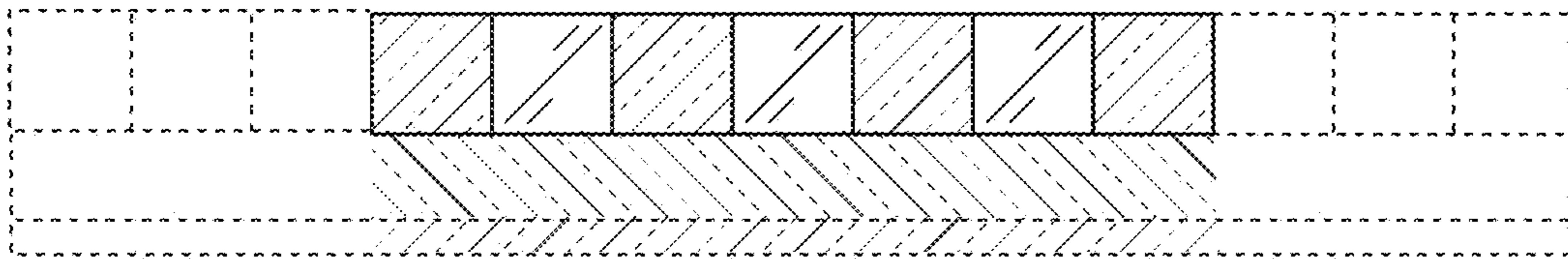


FIG. 9

