



US00D381990S

United States Patent [19] Chu

[11] Patent Number: **Des. 381,990**

[45] Date of Patent: ****Aug. 5, 1997**

[54] SUB WOOFER

4,381,831 5/1983 Putnam 181/159 X
5,181,301 1/1993 Wheeler 181/159 X

[75] Inventor: **Ming-Li Chu**, Taipei, Taiwan

[73] Assignee: **Mag Technology C., Ltd.**, Taiwan

[**] Term: **14 Years**

Primary Examiner—Sandra L. Morris
Assistant Examiner—Nanda Bondade
Attorney, Agent, or Firm—Ostrolenk, Faber, Gerb & Soffen, LLP

[21] Appl. No.: **57,223**

[57] CLAIM

[22] Filed: **Jul. 19, 1996**

The ornamental design for sub woofer, as shown and described.

[51] LOC (6) Cl. **14-01**

[52] U.S. Cl. **D14/214; D14/216**

[58] Field of Search D14/204, 207–216,
D14/219–222; 181/144–145, 148, 150,
152, 153, 157, 159; 381/24, 88, 90, 156,
203, 205

DESCRIPTION

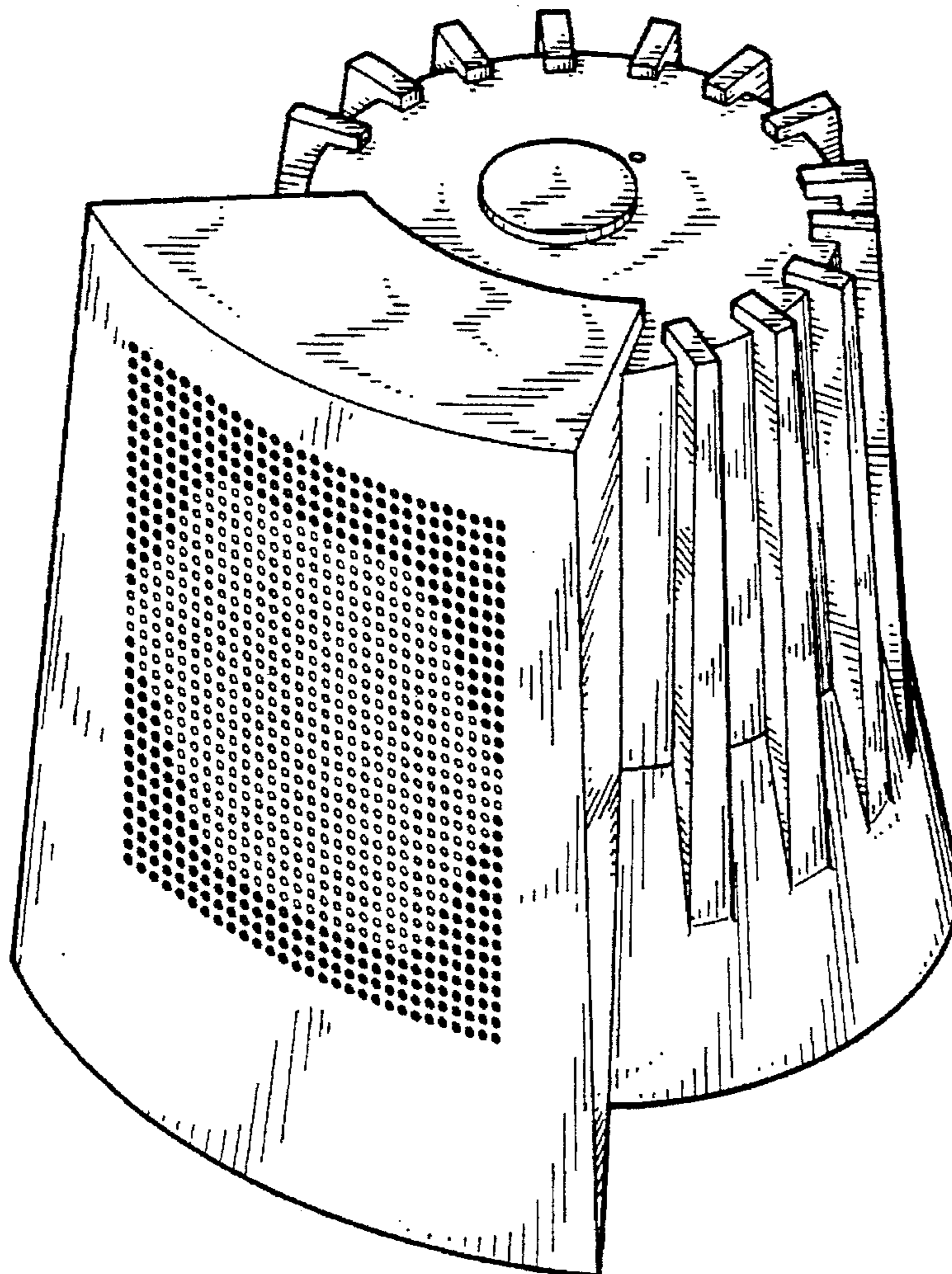
[56] References Cited

U.S. PATENT DOCUMENTS

D. 249,941 10/1978 Bremseth D14/204
D. 354,058 1/1995 Bohannan et al. D14/204
3,028,927 4/1962 Levy et al. D14/208 X

FIG. 1 is a perspective view of sub woofer showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets



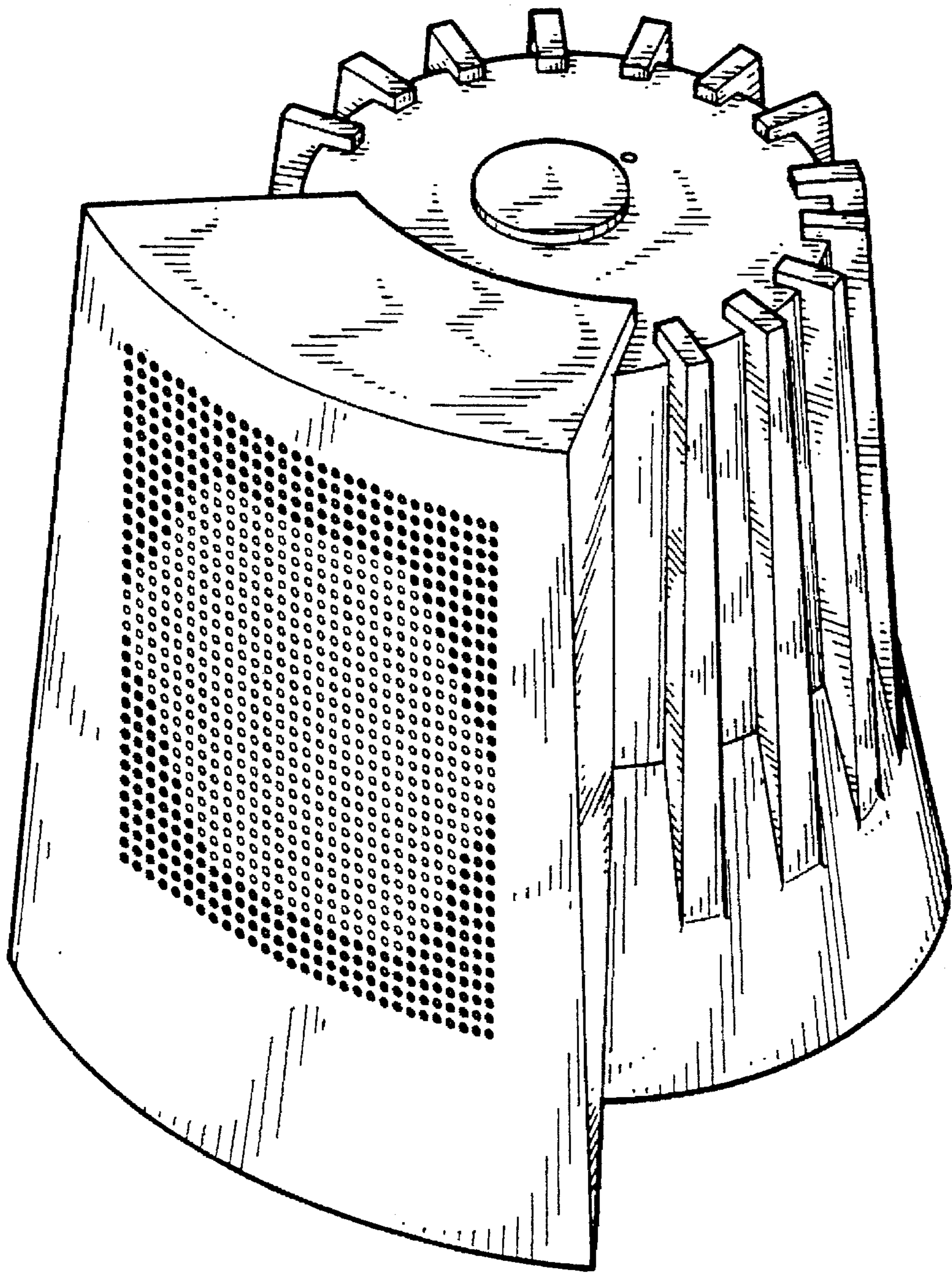


FIG. 1

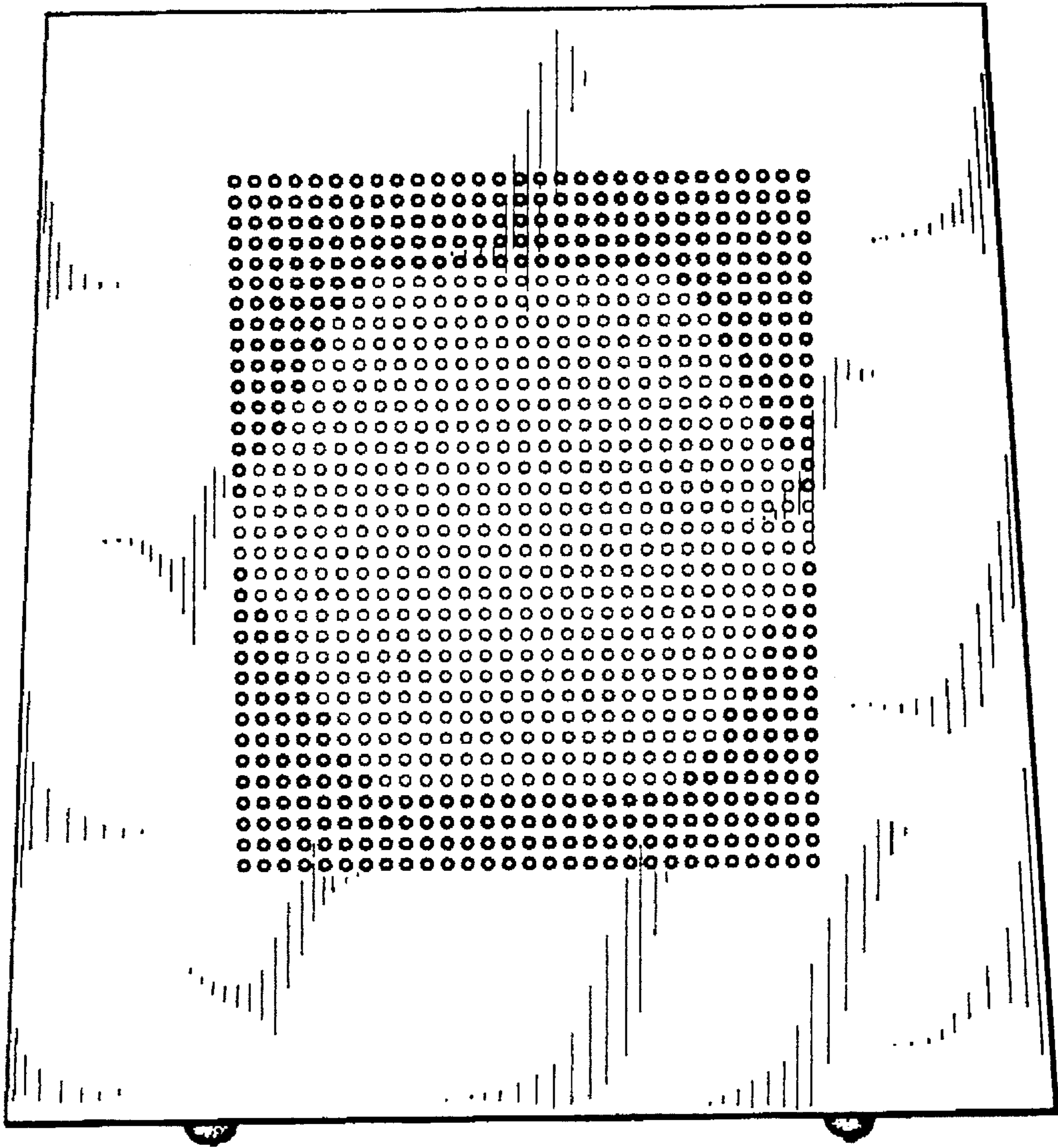


FIG. 2

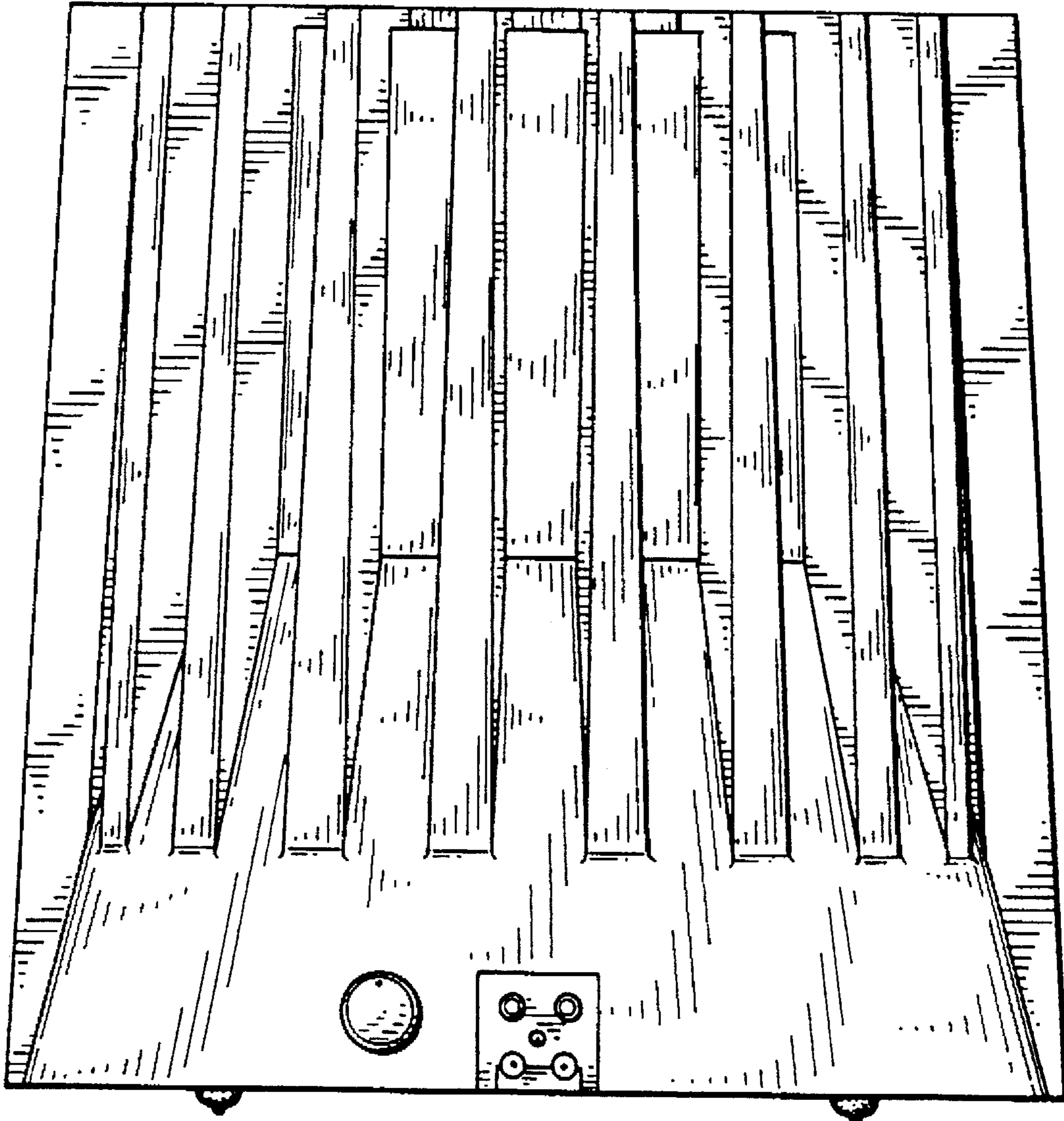


FIG. 3

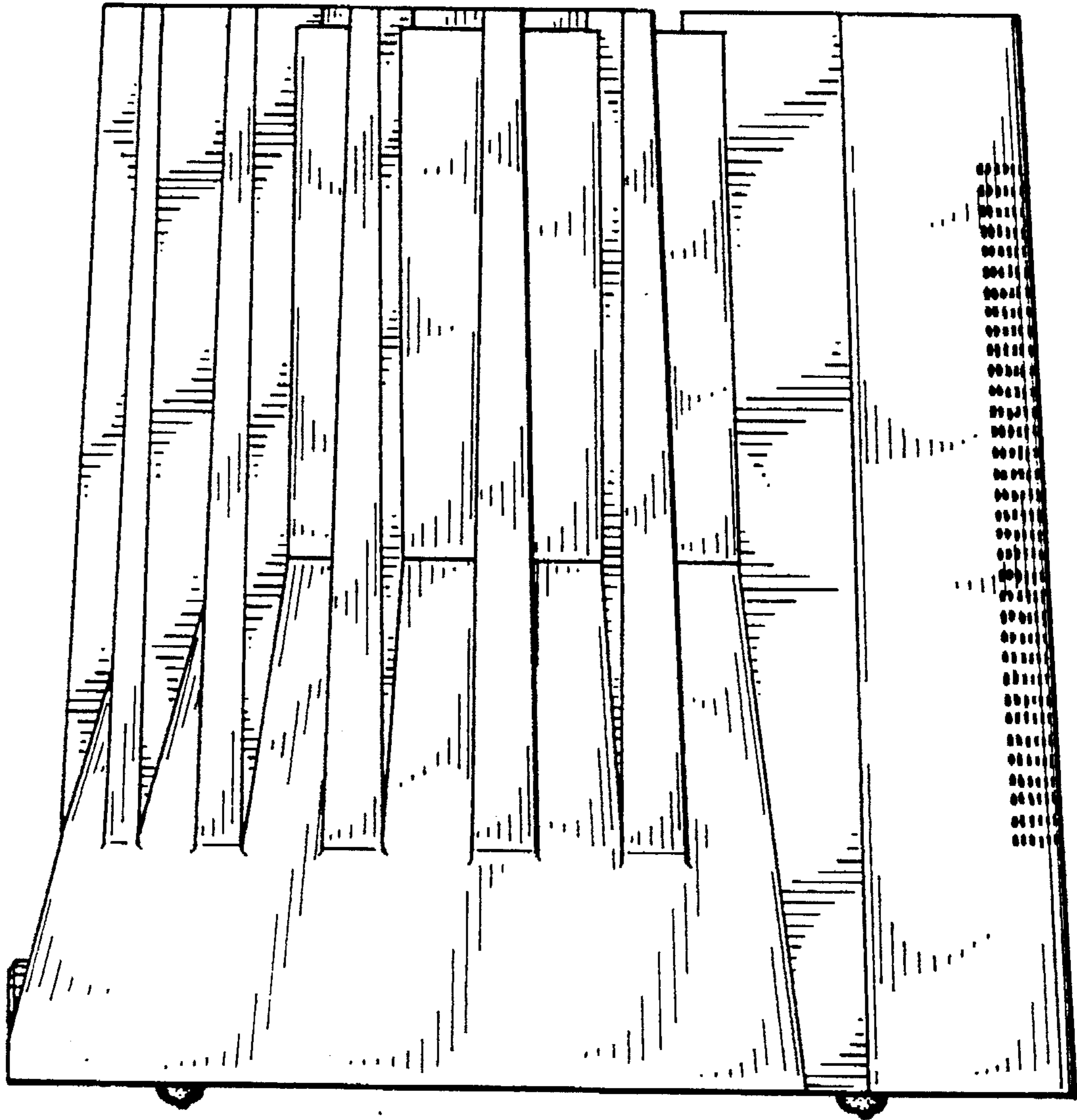


FIG. 4

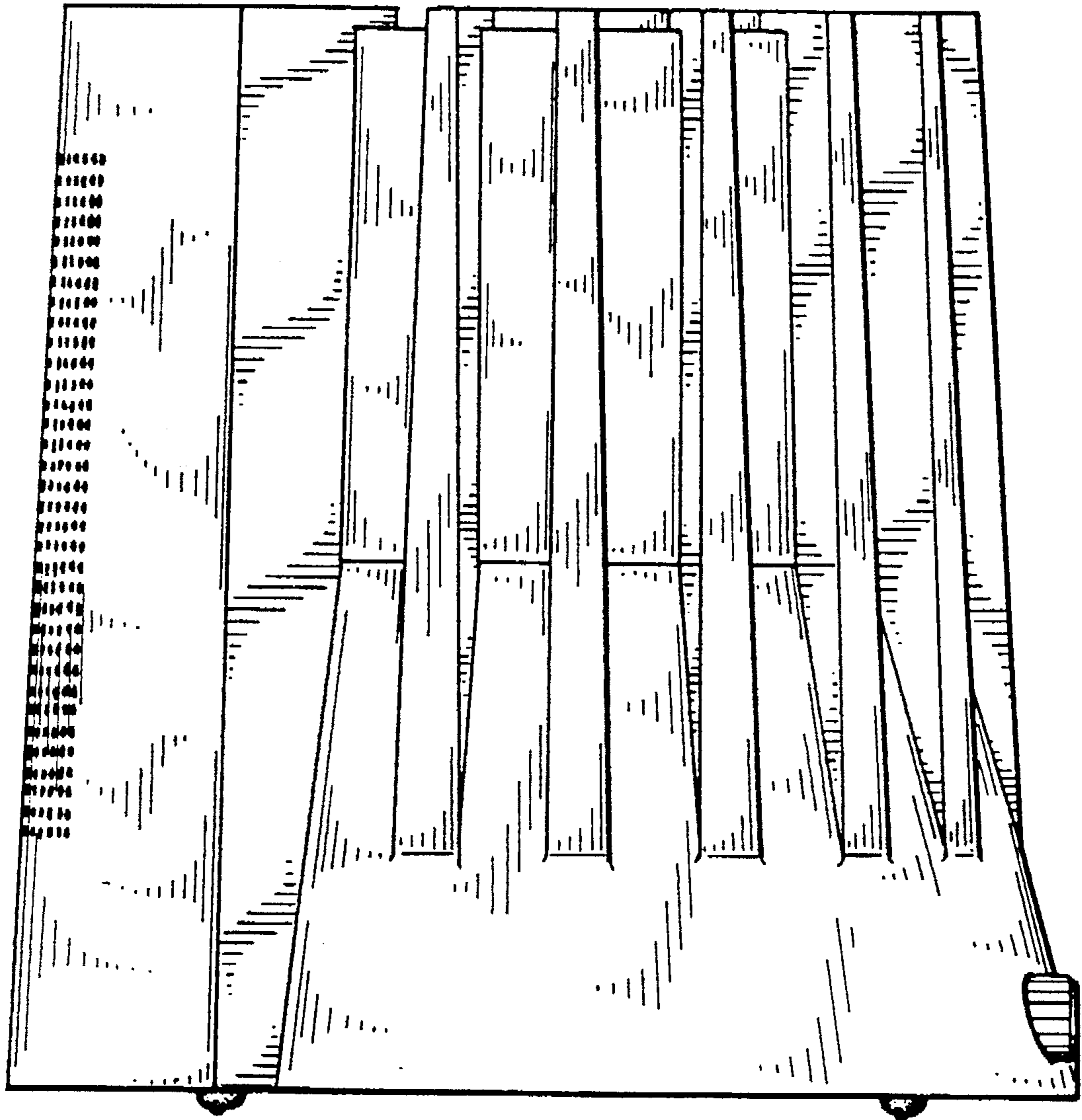


FIG. 5

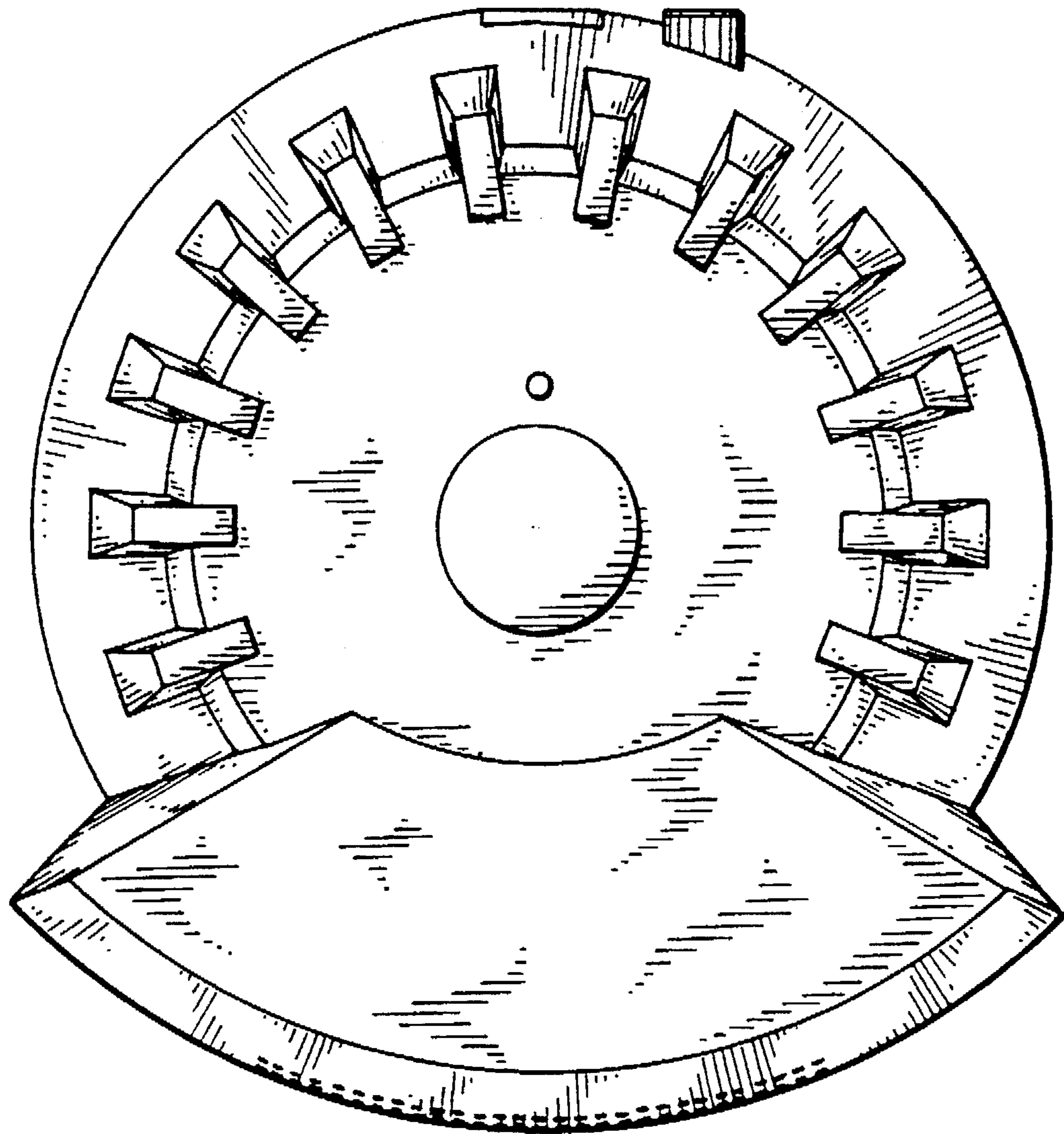


FIG. 6

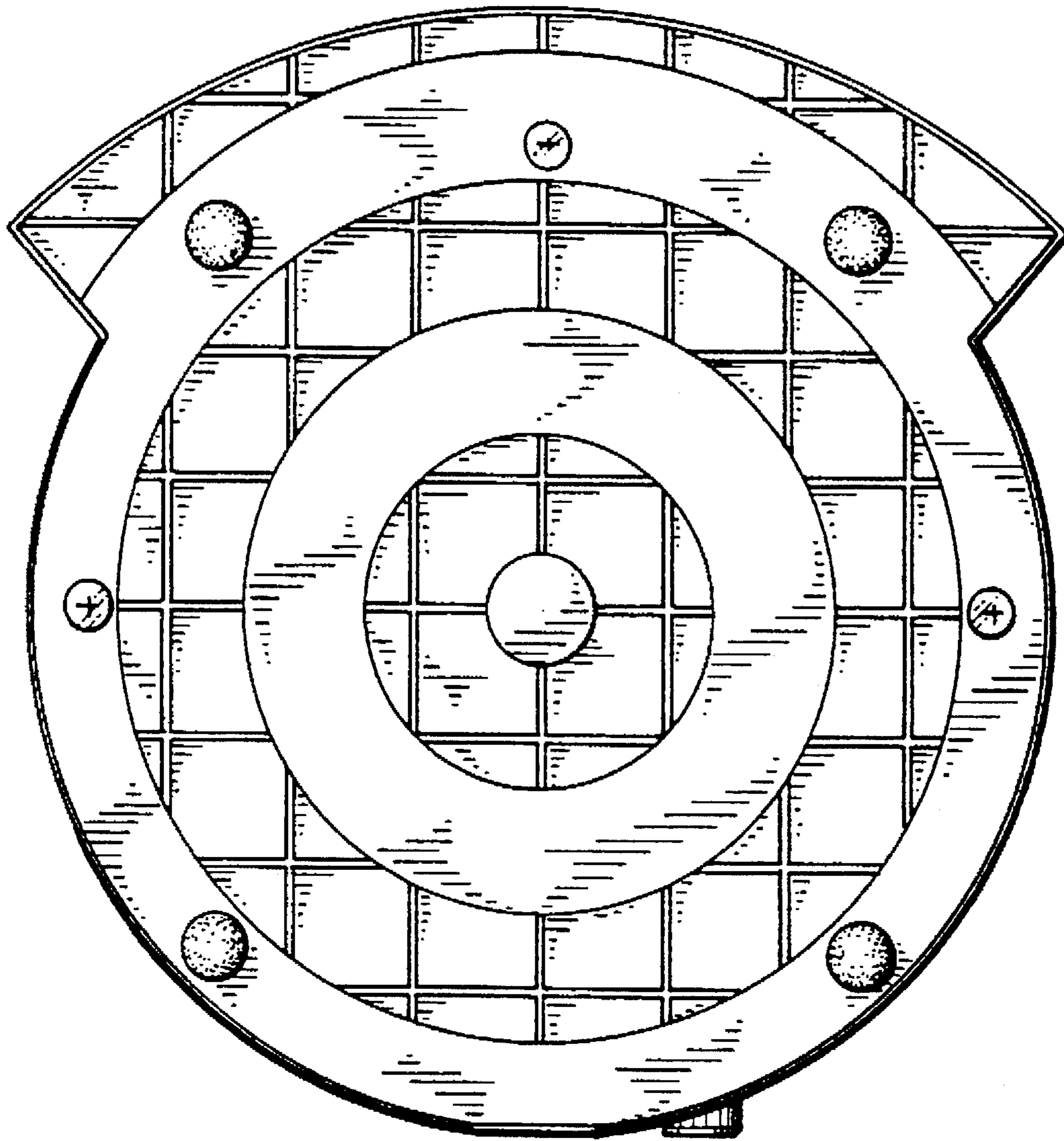


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 381,990
DATED : August 5, 1997
INVENTOR(S) : Ming-Li Chu

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below: On the title page:

At Item [73] Assignee: read should read --Mag Technology Co., Ltd. Taiwan --.

Signed and Sealed this
Fourteenth Day of October, 1997

Attest:



BRUCE LEHMAN

Attesting Officer

Commissioner of Patents and Trademarks