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

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(54) **REMOTE CONTROLLER FOR WATER HEATER**

(71) Applicant: **Mitsubishi Electric Corporation,**
Tokyo (JP)

(72) Inventors: **Ryo Yoshida,** Tokyo (JP); **Daisuke Iizawa,** Tokyo (JP)

(73) Assignee: **Mitsubishi Electric Corporation,**
Tokyo (JP)

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

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(30) **Foreign Application Priority Data**

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(52) **U.S. Cl.**
USPC **D13/168**

(58) **Field of Classification Search**
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D14/129, 336, 337, 341, 371, 375, 218
CPC F24F 11/00; F24F 11/0012; F24F 11/0086;
F24F 11/0009; F24F 2011/0057; F24F
2011/0073; F24F 2011/0091; G05B
19/0426; G05B 19/409; G05B 15/02;
G06F 1/1601; G06F 3/041; G06F 3/044;
G06F 3/0482; G06F 3/0488; G06F
3/0489; G05D 23/1902; G05D 23/1905;
G05D 23/1931; G02F 1/33308; H01H
9/02; H05B 37/02

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D382,259 S * 8/1997 Nagai D14/126
D500,037 S * 12/2004 Ozolins D14/375
D627,749 S * 11/2010 Mitsuhashi D14/126

D664,513 S * 7/2012 Laube D14/126
D673,467 S * 1/2013 Lee D10/50
D715,799 S * 10/2014 Ozolins D14/374
D718,723 S * 12/2014 Clymer D13/168
D724,037 S * 3/2015 Yoshioka D13/168
D733,591 S * 7/2015 Golden D10/50
D741,269 S * 10/2015 Bhattacharya D10/50
D755,733 S * 5/2016 Ikegaya D13/168
D763,203 S * 8/2016 Ikegaya D13/168
D763,204 S * 8/2016 Ikegaya D13/168
D825,495 S * 8/2018 Yagisawa D13/168
D832,118 S * 10/2018 Higashijima D10/50
2016/0327300 A1 * 11/2016 Ribbich F24F 11/30

OTHER PUBLICATIONS

MAIFOM smart home touch remote control; prior to Mar. 5, 2018; 1 pg; https://www.google.com/search?hl=en&biw=1536&bih=813&tbs=cd%3A1%2Ccd_max%3A3%2F5%2F2018&tbm=isch&sa=1&ei=NyWyXIybGcmMggf9npSoDg&q=touch+remote+control&oq=touch+remote+control&gs_l=img.1.0.0j0i7i30I3j0i8i30.85128.90795..92752...4.0..0.68.709.*

* cited by examiner

Primary Examiner — Selina Sikder

(74) Attorney, Agent, or Firm — Studebaker & Brackett PC

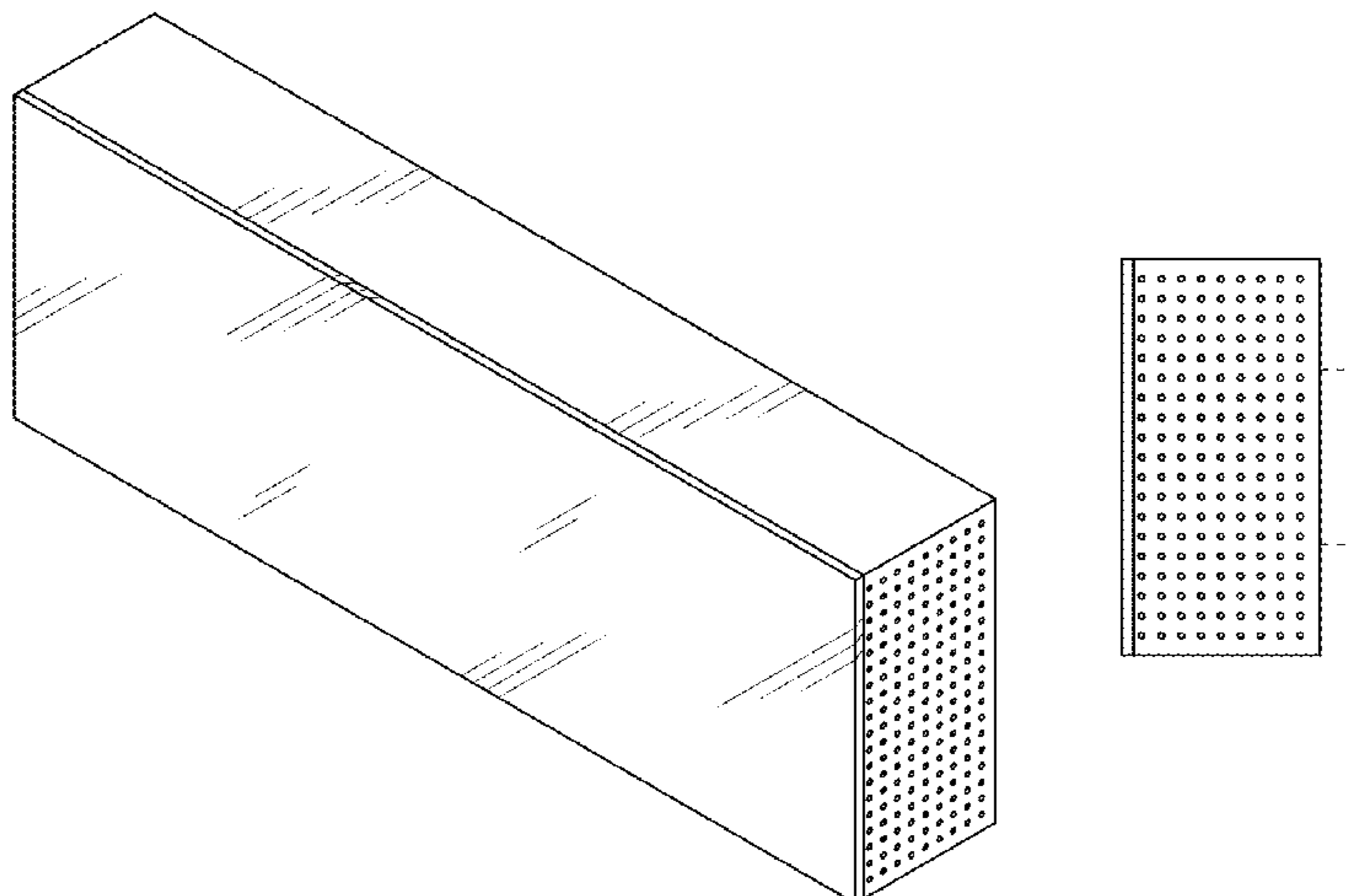
(57) **CLAIM**

The ornamental design for a remote controller for water heater, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a remote controller for water heater showing our new design; FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a top view thereof; the bottom view being a mirror image thereof; FIG. 5 is a right side view thereof; the left side view being a mirror image thereof; and, FIG. 6 is a reference view showing state in use thereof.

(Continued)



The parts shown in the broken lines do not form part of the claimed designs.

1 Claim, 4 Drawing Sheets

Fig. 1

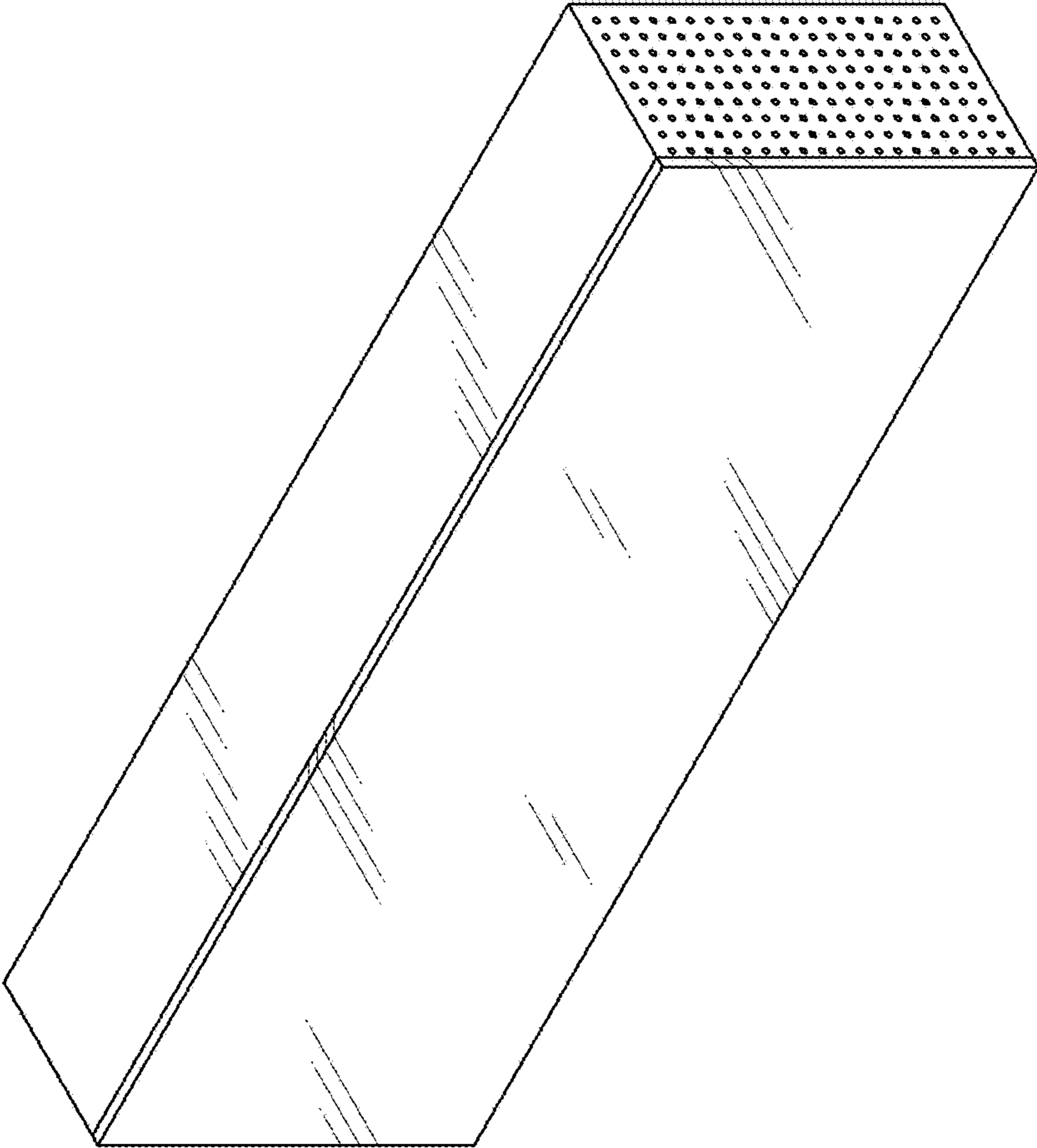


Fig. 2

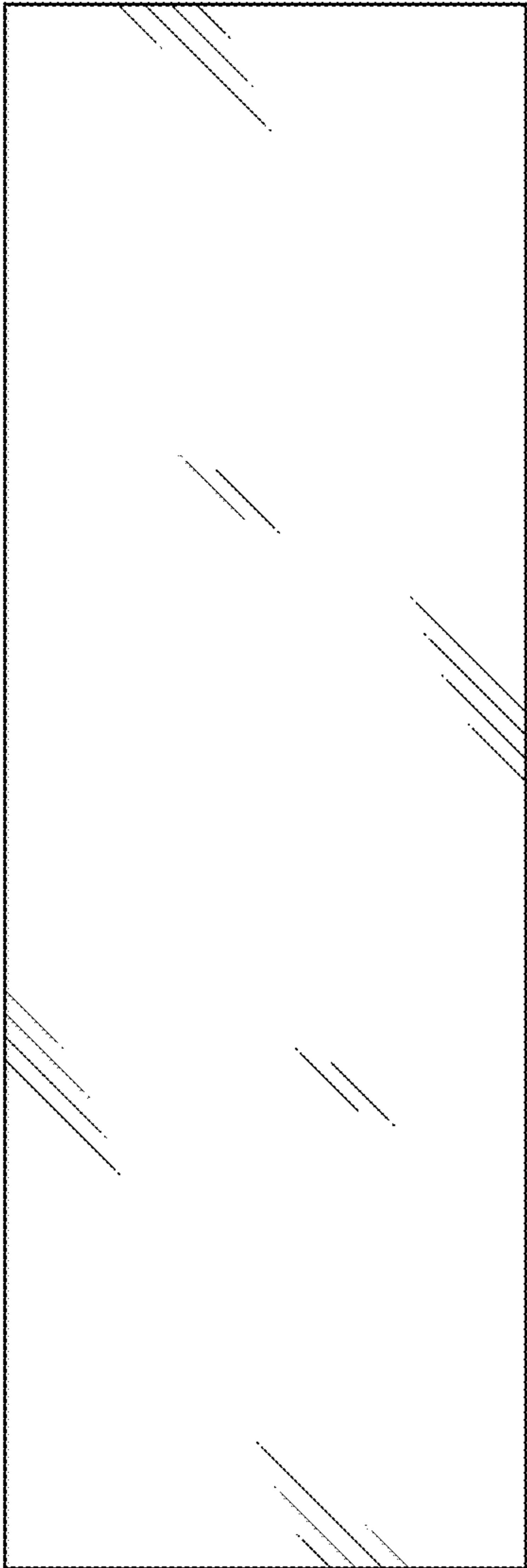


Fig. 3

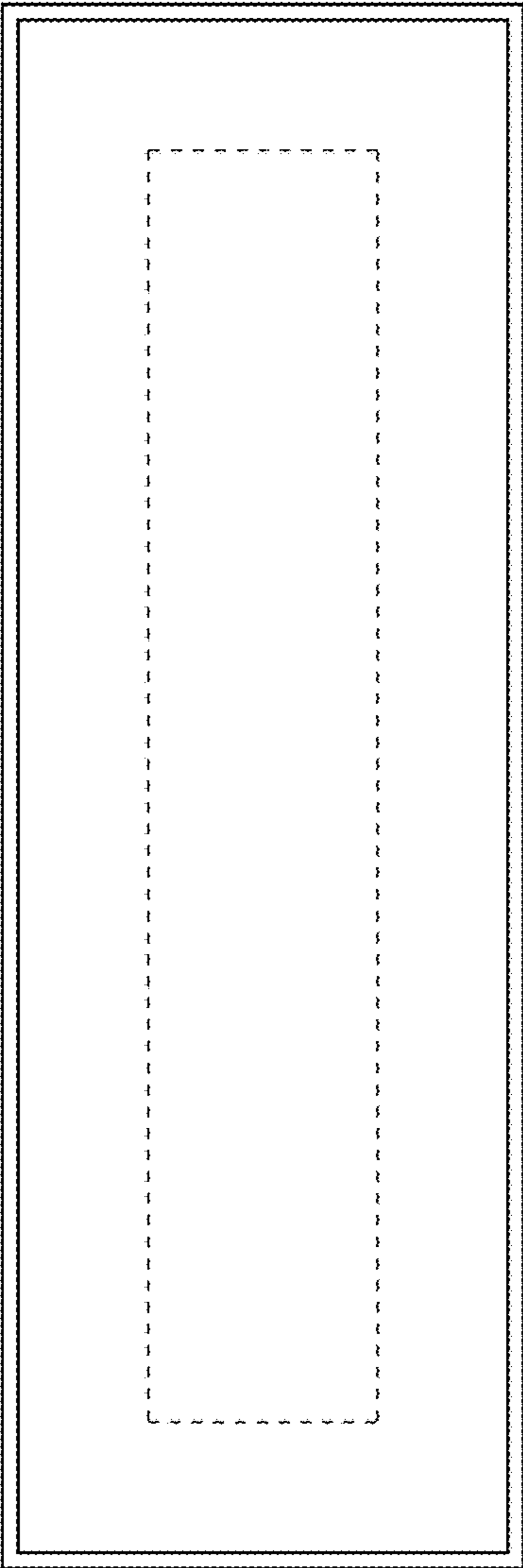


Fig. 4

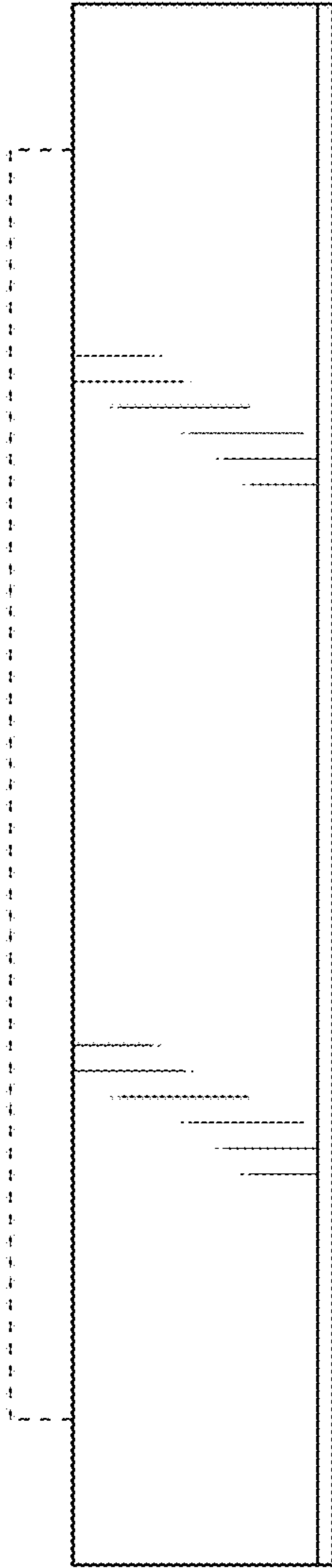


Fig. 5

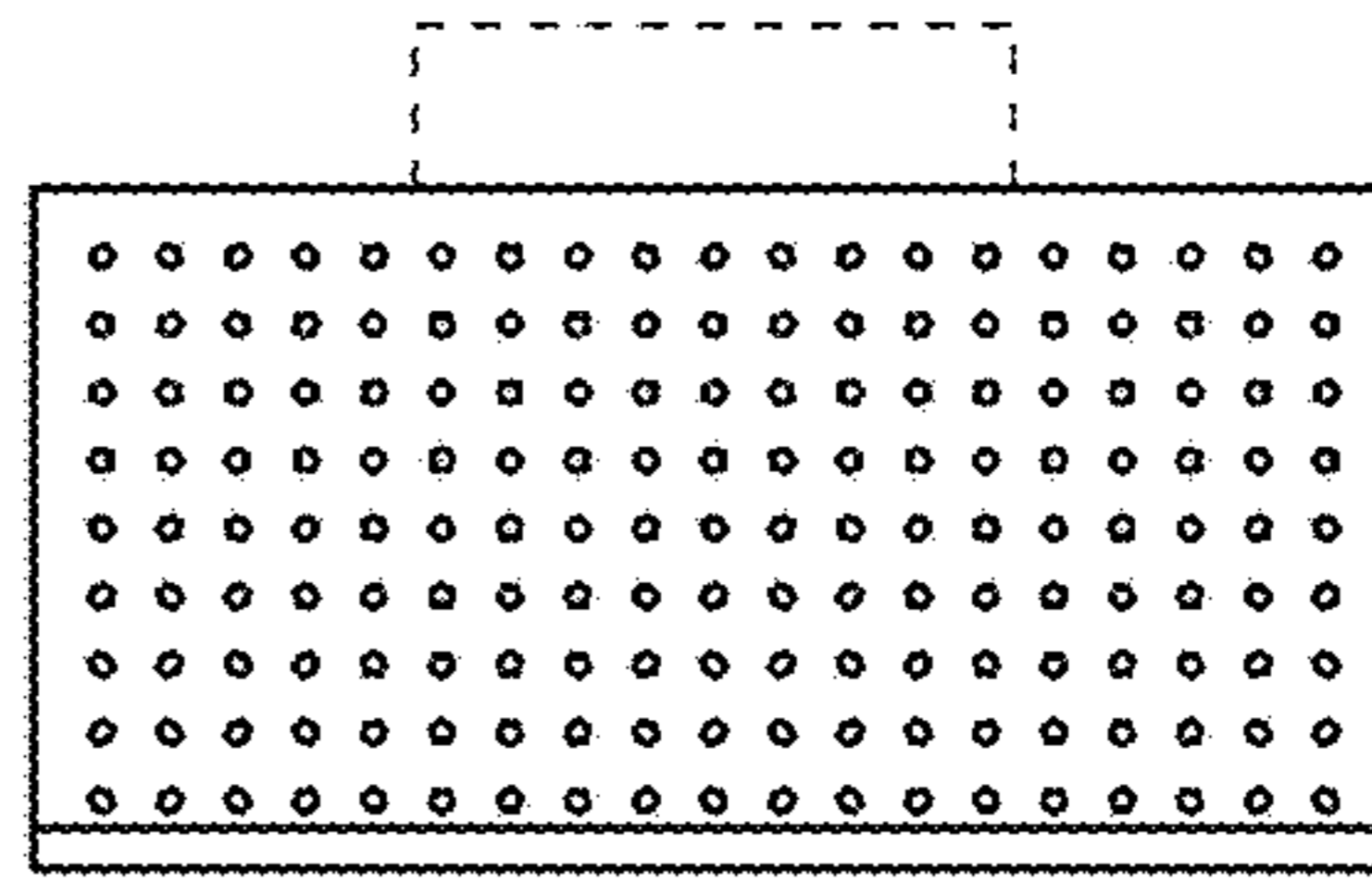


Fig. 6

