



US00D541396S

(12) **United States Design Patent** (10) **Patent No.:** **US D541,396 S**
Fawcett et al. (45) **Date of Patent:** **** Apr. 24, 2007**

(54) **RADIANT HEAT FLOOR PANEL**

(75) Inventors: **Barry Fawcett**, Rawson, OH (US);
Cameron Cobb, Indianapolis, IN (US);
John L. Stephan, Pendleton, IN (US)

(73) Assignee: **Createc Corporation**, Indianapolis, IN (US)

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

(21) Appl. No.: **29/241,059**

(22) Filed: **Oct. 21, 2005**

(51) **LOC (8) Cl.** **23-03**

(52) **U.S. Cl.** **D23/314**

(58) **Field of Classification Search** D23/314,
D23/388, 419; D25/138, 140, 139, 145, 147,
D25/153, 163; D30/120; 52/578, 390, 392.1,
52/177, 404.4, 794.1, 318, 220.1, 582.2;
428/50; 165/49, 53; 237/69; 392/437, 435

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D32,135 S * 1/1900 Dippo et al. D23/388
D39,663 S * 11/1908 Valentine D23/388
1,660,480 A * 2/1928 Daniels 52/390

(Continued)

FOREIGN PATENT DOCUMENTS

AT 361185 2/1981
DE 28 40 148 A1 3/1980
DE 28 40 149 A1 3/1980
DE 29 11 982 A1 10/1980
DE 30 24 208 C2 4/1983
EP 0 189 020 B1 6/1988
EP 0 746 727 B1 8/2002
WO WO 95/25249 A1 9/1995
WO WO 00/68617 A2 11/2000
WO WO 01/06180 A2 1/2002

OTHER PUBLICATIONS

Frankische, Building Technology, Price List (catalog), 2003, pp. 46–47, 1st edition.

Hirsch Dammstoffe, Systemplatten Fur Fussbodenheizungen, Kelmm & Damm 2000 (pamphlet).

Frankische, Building Technology, What comes to your mind when you hear Radiant Floor Heating and Know–How? profitherm (pamphlet), p. 5.

http://www.hirsch-gruppe.com/homepage/com/geschaeftsfelder/technische_formteile/produkte/systemplatten/index.php?navid=33—Earliest Accessed: Sep. 1, 2005; Last Accessed Aug. 28, 2006.

javascript:openPopup('http://www.hirsch-gruppe.com/technische_formteile/daemmstoffe/kudplatten/standardelemente.htm');—Earliest Accessed: Sep. 1, 2005; Last Accessed Aug. 28, 2006.

javascript:openPopup('http://www.hirsch-gruppe.com/technische_formteile/daemmstoffe/kudplatten/verteilerelemente.htm');—Earliest Accessed: Sep. 1, 2005; Last Accessed Aug. 28, 2006.

(Continued)

Primary Examiner—Louis Zarfaz

Assistant Examiner—David Muller

(74) *Attorney, Agent, or Firm*—Woodard, Emhardt, Moriarty, McNett & Henry LLP

(57) **CLAIM**

The ornamental design for a radiant heat floor panel, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a radiant heat floor panel incorporating our new design.

FIG. 2 is a perspective view.

FIG. 3 is a front elevational view.

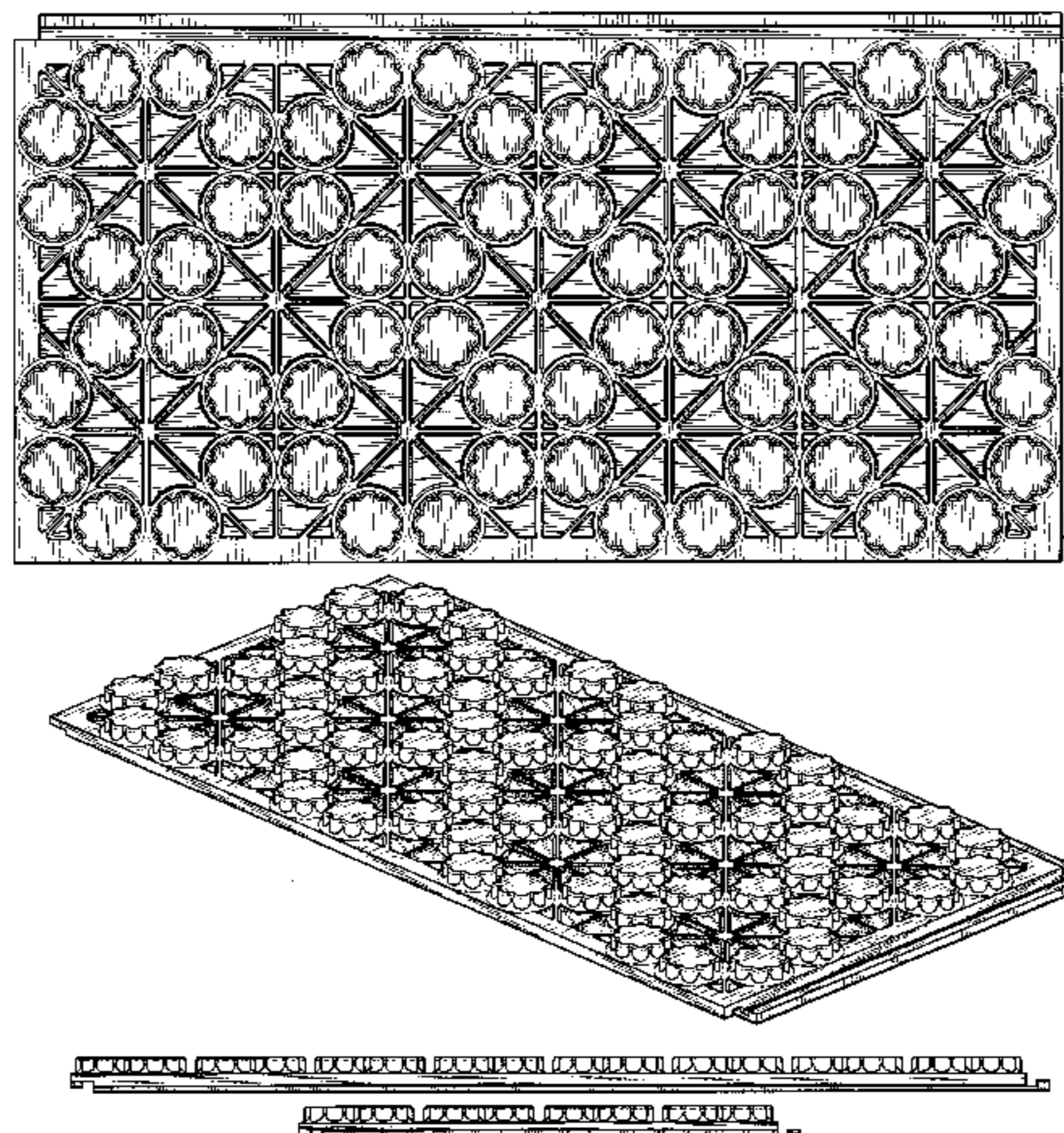
FIG. 4 is a right side elevational view.

FIG. 5 is a left side elevational view.

FIG. 6 is a rear elevational view; and,

FIG. 7 is a bottom plan view.

1 Claim, 4 Drawing Sheets



U.S. PATENT DOCUMENTS

2,756,463 A * 7/1956 Clements 52/794.1
 D266,610 S * 10/1982 Bartscher D30/120
 4,907,739 A 3/1990 Drake
 5,029,231 A * 7/1991 Carr et al. 392/435
 5,078,203 A 1/1992 Shiroki
 D338,541 S * 8/1993 Fifield D25/140
 5,454,428 A 10/1995 Pickard et al.
 5,598,682 A 2/1997 Haughian
 5,788,152 A 8/1998 Alsberg
 5,931,381 A 8/1999 Fiedrich
 6,094,878 A 8/2000 Schluter
 6,182,903 B1 2/2001 Fiedrich
 6,188,839 B1 2/2001 Pennella
 6,220,523 B1 4/2001 Fiedrich
 6,270,016 B1 8/2001 Fiedrich
 6,330,980 B1 12/2001 Fiedrich
 D462,130 S * 8/2002 Kotler D25/163
 D478,977 S * 8/2003 Snyder D23/388
 D486,592 S * 2/2004 Hong D25/138
 6,739,097 B1 5/2004 Rodin
 6,776,222 B2 8/2004 Seki et al.
 6,926,077 B2 8/2005 Kuga et al.
 7,013,609 B2 * 3/2006 Hydock 52/220.1
 2001/0026681 A1 * 10/2001 Schmitt 392/435
 2003/0041542 A1 * 3/2003 Martin 52/390
 2003/0230041 A1 * 12/2003 Calderbank et al. 52/318
 2004/0060254 A1 * 4/2004 Weiss 52/390
 2006/0137280 A1 * 6/2006 Bartnes 52/582.2

2006/0144004 A1 * 7/2006 Nollet et al. 52/578
 2006/0150557 A1 * 7/2006 Eisermann 52/578
 2006/0179776 A1 * 8/2006 Thiers 52/592.1

OTHER PUBLICATIONS

javascript:openPopup('http://www.hirsch-gruppe.com/technische_formteile/daemmstoffe/kudplatten/5cmverlegeraster.htm');—Earliest Accessed: Sep. 1, 2005; Last Accessed Aug. 28, 2006.
 javascript:openPopup('http://www.hirsch-gruppe.com/technische_formteile/daemmstoffe/kudplatten/2_5cmverlegeraster.htm');—Earliest Accessed: Sep. 1, 2005; Last Accessed Aug. 28, 2006.
 Rehau, Komplettlosungen fur die Gebaudetechnik. Systematisch—Sicher—Servicestark. Von Rehau (catalog), pp. 19, 21.
 Wirsbo, Fact Sheet 8, GSB33 Castellated Insulation Panel, Apr. 2001.
 Schluter Systems L.P., Profile of Innovation, 2002, p. 45, Canada.
 Perobe, Underfloor-Heating-Systems Export GmbH (pamphlet).
 Hirsch Dammstoffe, Systemplatten fur fussbodenheizungen (pamphlet).
<http://www.ezfloor.net/>—Last Accessed: Aug. 28, 2005 at 11:14 AM.
 * cited by examiner

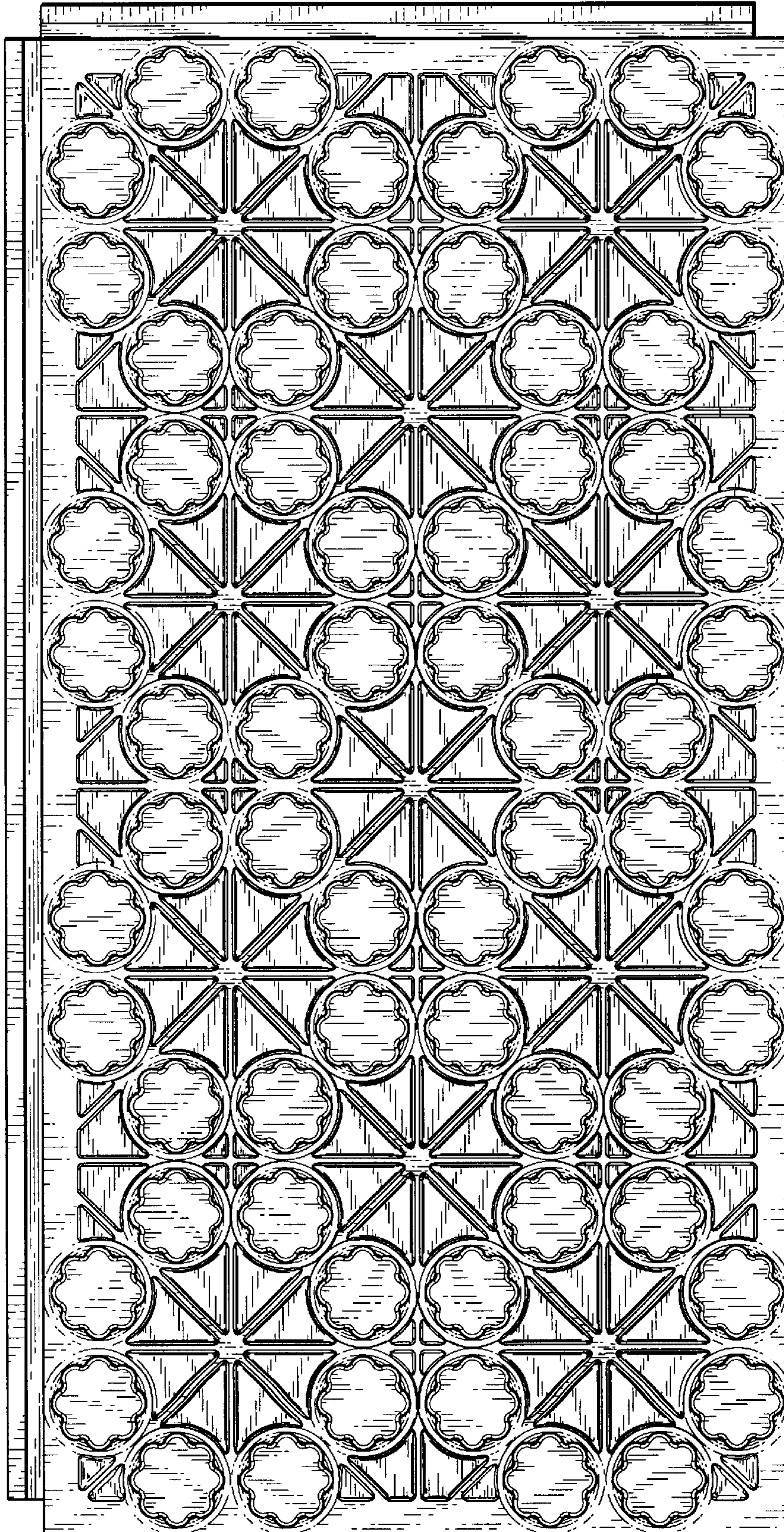


Fig. 1

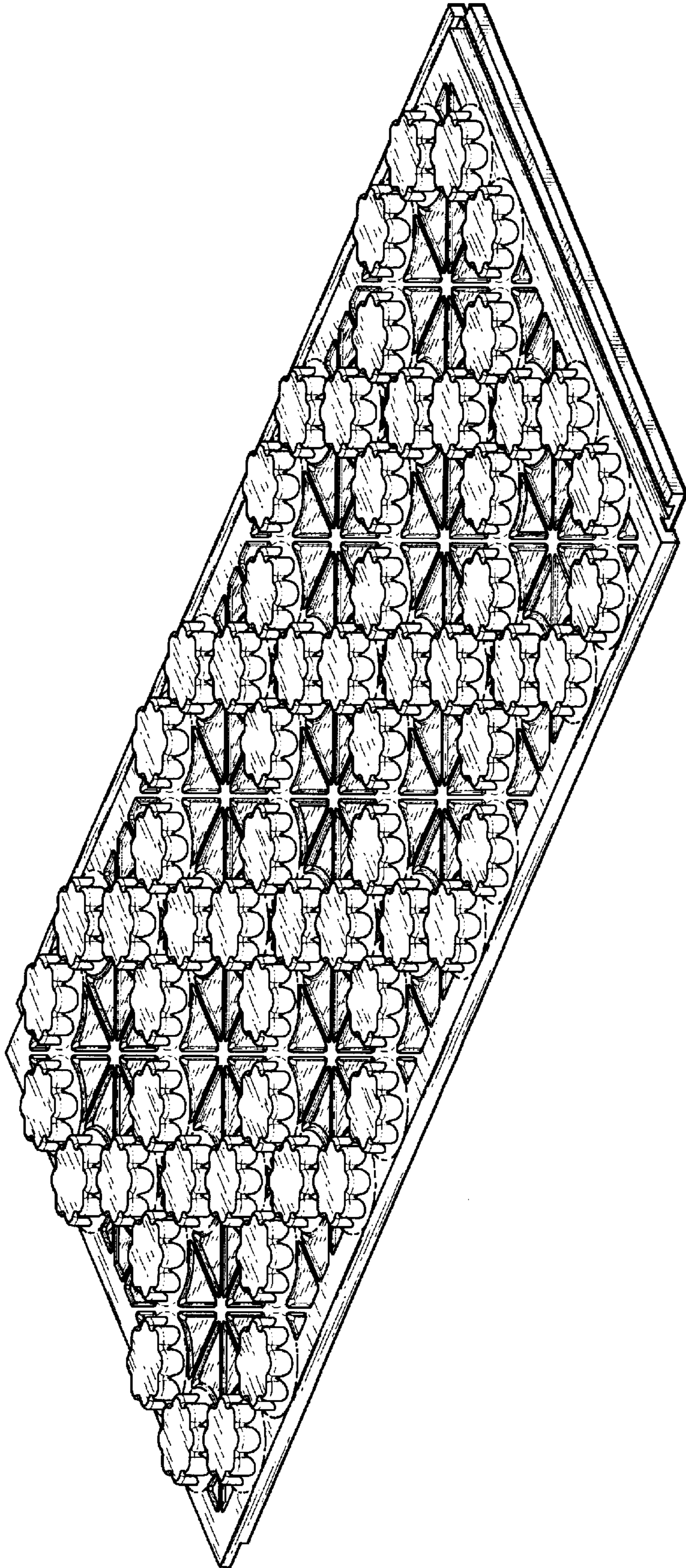


Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

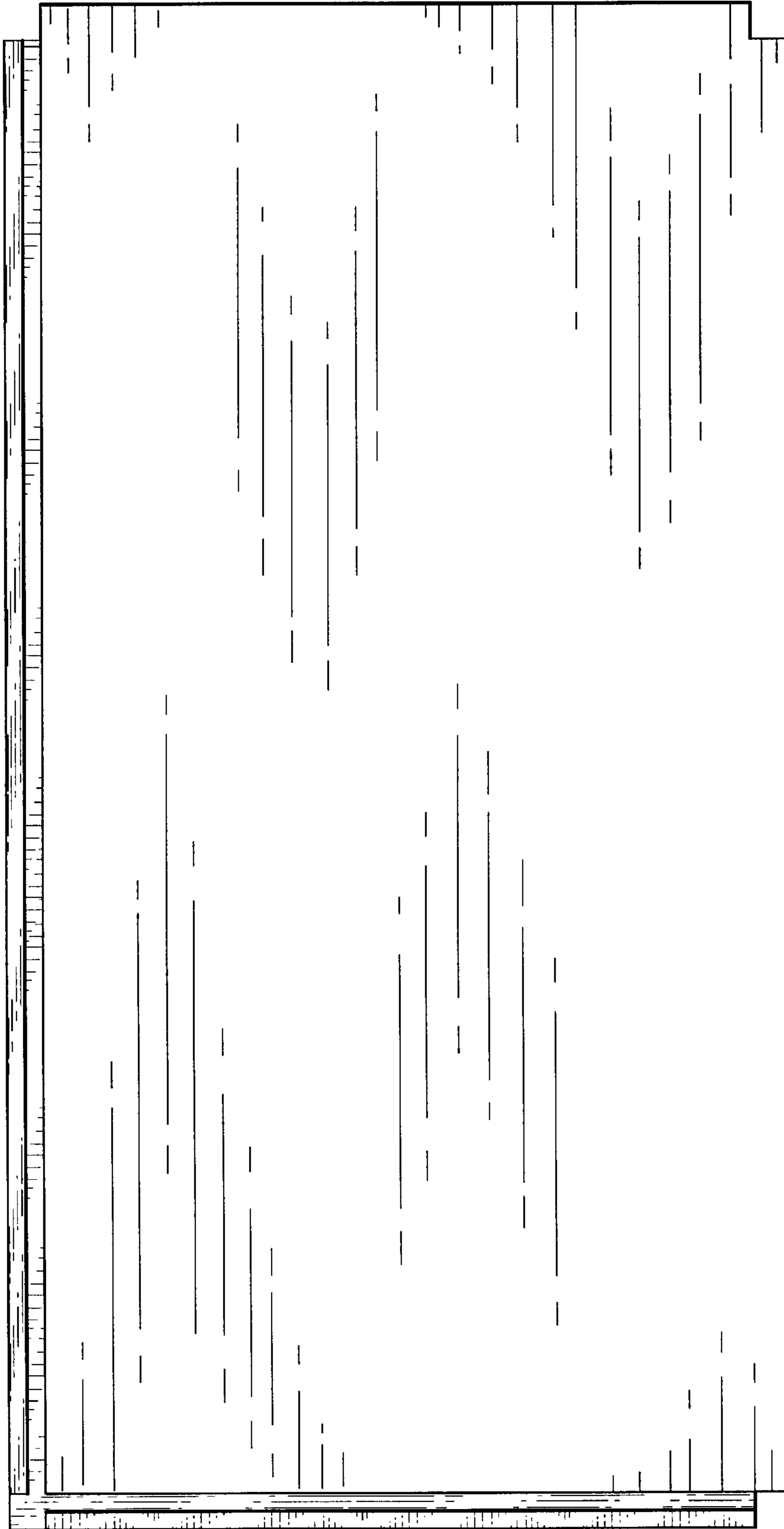


Fig. 7