



US00D623419S

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

(10) **Patent No.:** **US D623,419 S**
(45) **Date of Patent:** **** Sep. 14, 2010**

(54) **RETRACTABLE CELLULAR FABRIC WITH SYMMETRIC LOOPED CELLS**
(75) Inventors: **Paul G. Swiszc**, Niwot, CO (US);
Wendell B. Colson, Weston, MA (US);
Marjorie G. Harper, Littleton, CO (US)

(73) Assignee: **Hunter Douglas Inc.**, Upper Saddle River, NJ (US)

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

(21) Appl. No.: **29/340,755**

(22) Filed: **Jul. 24, 2009**

Related U.S. Application Data

(63) Continuation of application No. 10/567,619, filed as application No. PCT/US04/27197 on Aug. 20, 2004, now Pat. No. 7,588,068.

(51) **LOC (9) Cl.** **05-04**

(52) **U.S. Cl.** **D5/7**

(58) **Field of Classification Search** D5/1-6,
D5/7, 8-16, 20, 30, 60-62; D6/574, 575,
D6/576, 577, 578, 579, 580, 581, 582, 587,
D6/590; 66/193; 474/250; 160/121.1
See application file for complete search history.

(56) **References Cited**

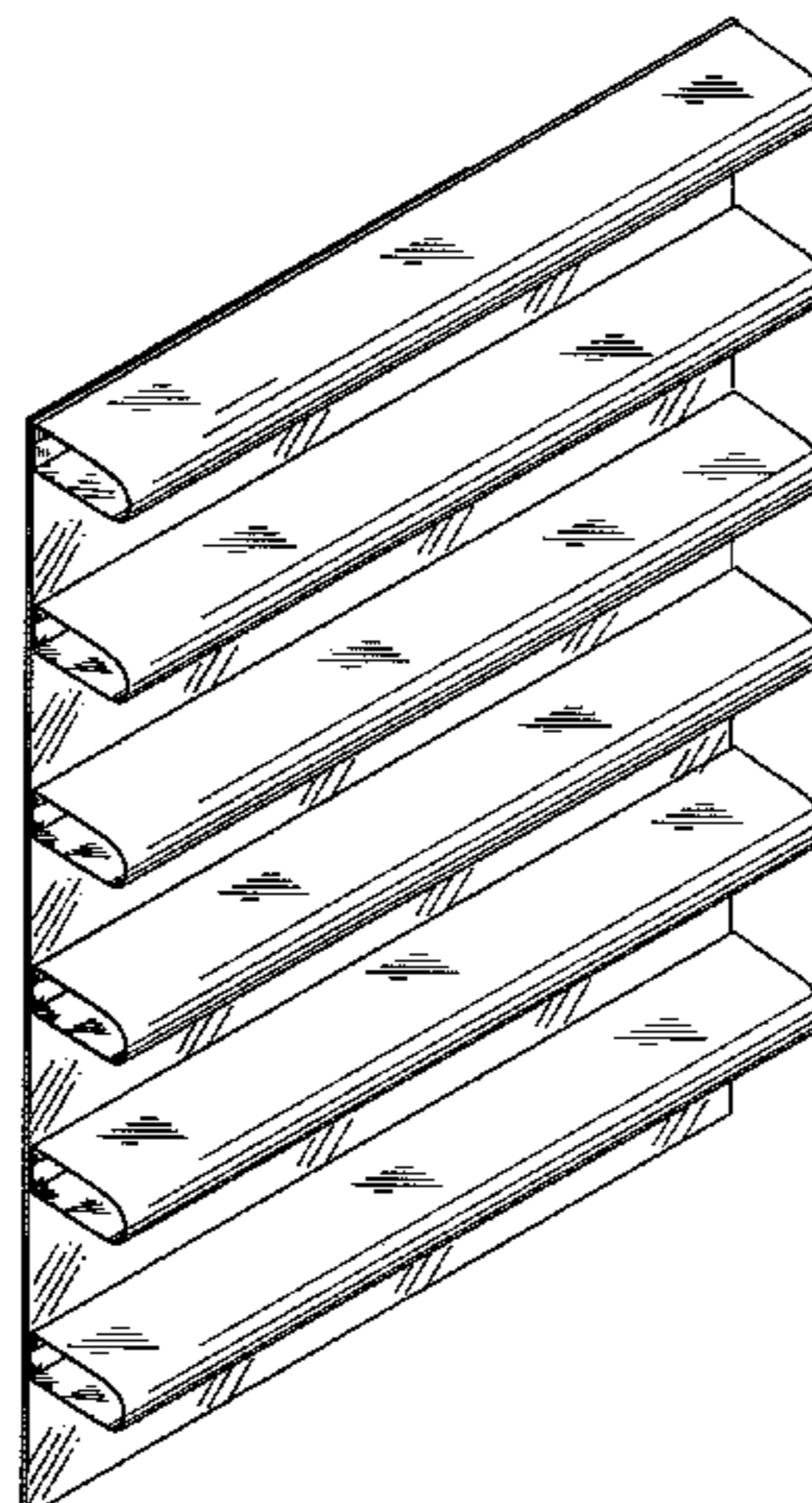
U.S. PATENT DOCUMENTS

1,958,695 A 5/1934 Claus
2,267,869 A 12/1941 Loehr
RE22,311 E 5/1943 Roy
2,350,200 A 5/1944 Starr
3,190,086 A * 6/1965 Klein 66/193
3,222,689 A 12/1965 Efron et al.
D208,350 S * 8/1967 Cheris D5/7
4,282,919 A 8/1981 Teno
5,205,334 A 4/1993 Judkins
5,228,936 A 7/1993 Goodhue
5,231,708 A 8/1993 Hansen
5,313,999 A 5/1994 Colson et al.
5,490,553 A 2/1996 Colson et al.

5,503,210 A 4/1996 Colson et al.
5,547,006 A 8/1996 Auger
5,558,925 A 9/1996 Fritzman
5,645,504 A * 7/1997 Westhoff 474/250
5,649,583 A 7/1997 Hsu
5,714,034 A 2/1998 Goodhue
5,733,632 A 3/1998 Marusak
5,787,951 A 8/1998 Tonomura et al.
5,855,235 A 1/1999 Colson et al.
5,918,655 A 7/1999 Corey
6,006,812 A 12/1999 Corey
6,112,797 A 9/2000 Colson et al.
6,223,802 B1 5/2001 Colson
D443,455 S * 6/2001 Hynniman D6/575
6,289,964 B1 9/2001 Colson et al.
6,345,486 B1 2/2002 Colson et al.
6,484,786 B1 11/2002 Ruggles et al.
D468,950 S * 1/2003 Judkins D6/575
6,572,725 B2 6/2003 Goodhue
6,595,262 B2 7/2003 Chen
6,688,373 B2 2/2004 Corey et al.
6,740,389 B2 5/2004 Yu
6,792,994 B2 9/2004 Lin
6,932,138 B2 8/2005 Yu et al.
6,978,821 B2 12/2005 Welfonder
D515,345 S * 2/2006 Herhold et al. D6/575
7,111,659 B2 9/2006 Harper et al.
7,147,029 B2 12/2006 Kovach et al.
7,191,816 B2 3/2007 Colson et al.
7,207,370 B2 4/2007 Snyder et al.
7,237,591 B2 7/2007 Snyder et al.
7,311,131 B2 12/2007 Nien et al.
7,337,822 B2 3/2008 Snyder et al.
D568,082 S * 5/2008 Bohlen D6/575
7,500,505 B2 3/2009 Smith et al.
7,549,455 B2 6/2009 Harper et al.
7,578,334 B2 8/2009 Smith et al.
7,588,068 B2 9/2009 Colson et al.
D605,885 S * 12/2009 Judkins D6/575
7,637,301 B2 * 12/2009 Forst Randle 160/121.1
2008/0066277 A1 3/2008 Colson et al.
2008/0168637 A1 7/2008 Ballard et al.

FOREIGN PATENT DOCUMENTS

EP 0 482 794 B1 5/1994
EP 0 654 577 B1 3/1999
GB 1 494 842 12/1977
JP 07-039449 2/1995



WO	WO 85/02760	A1	7/1985
WO	WO 94/29559	A1	12/1994
WO	WO 2005/019584	A2	3/2005
WO	WO 2005/062875	A2	7/2005
WO	WO 2005/081948	A2	9/2005
WO	WO 2006/023751	A2	3/2006
WO	WO 2006/023751	A3	3/2006

OTHER PUBLICATIONS

U.S. Appl. No. 29/340,740, filed Jul. 24, 2009, Colson et al.
 U.S. Appl. No. 12/490,178, filed Jun. 23, 2009, Harper et al.
 U.S. Appl. No. 29/340,744, filed Jul. 24, 2009, Colson et al.
 U.S. Appl. No. 29/340,750, filed Jul. 24, 2009, Colson.
 U.S. Appl. No. 12/538,620, filed Aug. 10, 2009, Colson et al.

* cited by examiner

Primary Examiner—Susan Bennett Hattan
Assistant Examiner—Barbara B Lohr
 (74) *Attorney, Agent, or Firm*—Dorsey & Whitney LLP

(57) **CLAIM**

We claim the ornamental design for a retractable cellular fabric with symmetric looped cells, as shown and described.

DESCRIPTION

FIG. 1 is a front isometric of a first embodiment of the retractable cellular fabric with symmetric looped cells shown in an open condition.

FIG. 2 is an enlarged fragmentary front isometric view of the fabric shown in FIG. 1.

FIG. 3 is a left side elevation of the fabric as shown in FIG. 2 with the right side elevation being a mirror image.

FIG. 4 is a front elevation of the fabric as shown in FIG. 2.

FIG. 5 is a top plan view of the fabric as shown in FIG. 2 with the bottom plan view being identical.

FIG. 6 is a rear elevation of the fabric as shown in FIG. 2.

FIG. 7 is a front isometric of the fabric of FIG. 2 in a closed condition.

FIG. 8 is a left side elevation of the fabric as shown in FIG. 7 with the right side elevation being a mirror image.

FIG. 9 is a front elevation of the fabric as shown in FIG. 7.

FIG. 10 is a top elevation of the fabric as shown in FIG. 7.

FIG. 11 is a bottom elevation of the fabric as shown in FIG. 7.

FIG. 12 is a rear elevation of the fabric as shown in FIG. 7.

FIG. 13 is an isometric of a second embodiment of a fabric in accordance with the present invention shown in an open condition, the fabric having an inner symmetric cell positioned within an outer symmetric cell.

FIG. 14 is a left side elevation of the fabric shown in FIG. 13 with the right side elevation being a mirror image.

FIG. 15 is a front elevation of the fabric shown in FIG. 13.

FIG. 16 is a top plan view of the fabric shown in FIG. 13 with the bottom plan view being identical.

FIG. 17 is a rear elevation of the fabric shown in FIG. 13.

FIG. 18 is a front isometric of the fabric of FIG. 13 shown in a closed condition.

FIG. 19 is a left side elevation of the fabric as shown in FIG. 18 with the right side elevation being a mirror image.

FIG. 20 is a rear elevation of the fabric as shown in FIG. 18.

FIG. 21 is a top plan view of the fabric as shown in FIG. 18.

FIG. 22 is a bottom plan view of the fabric as shown in FIG. 18; and,

FIG. 23 is a front elevation of the fabric as shown in FIG. 18.

1 Claim, 13 Drawing Sheets

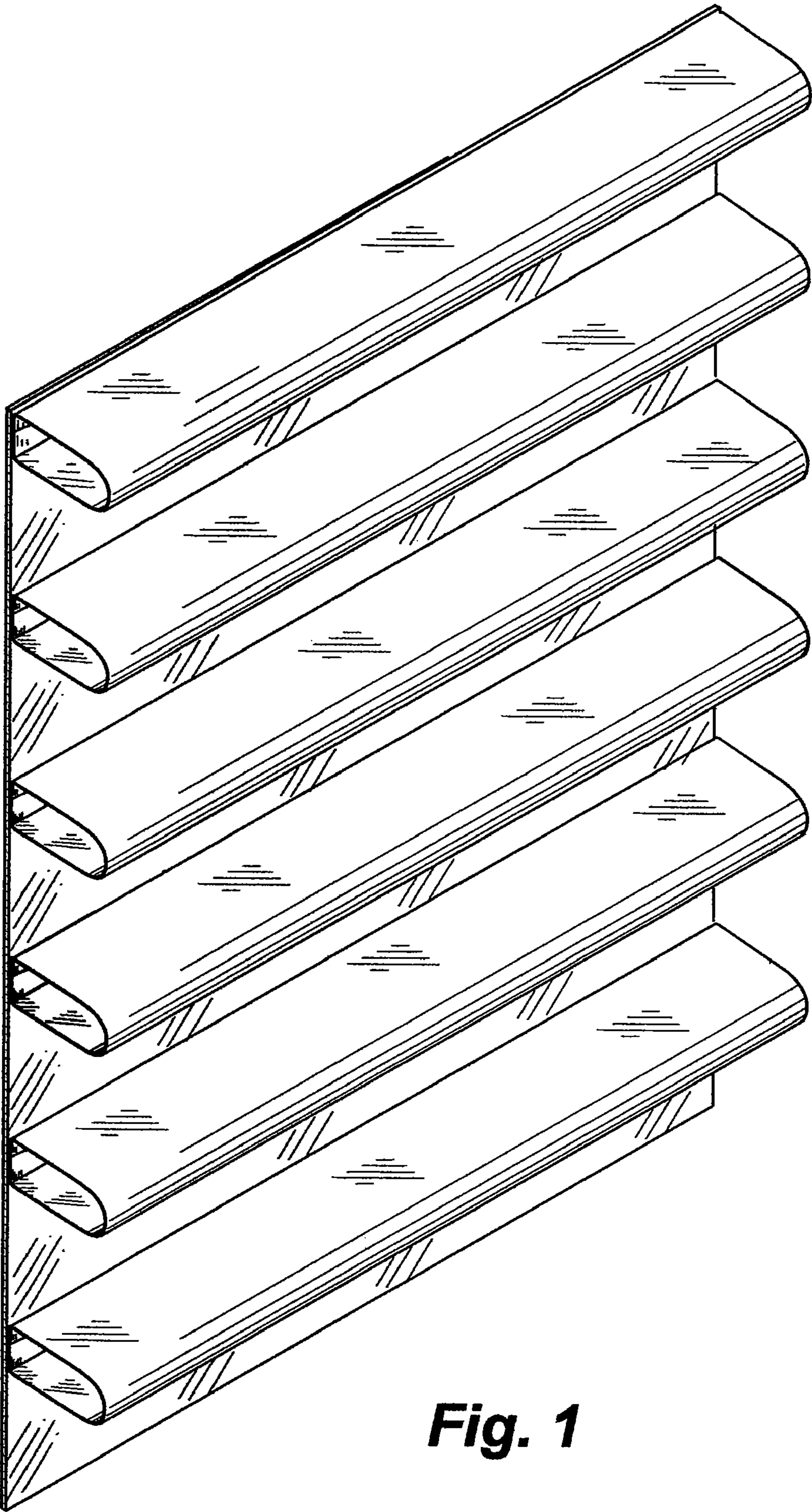


Fig. 1

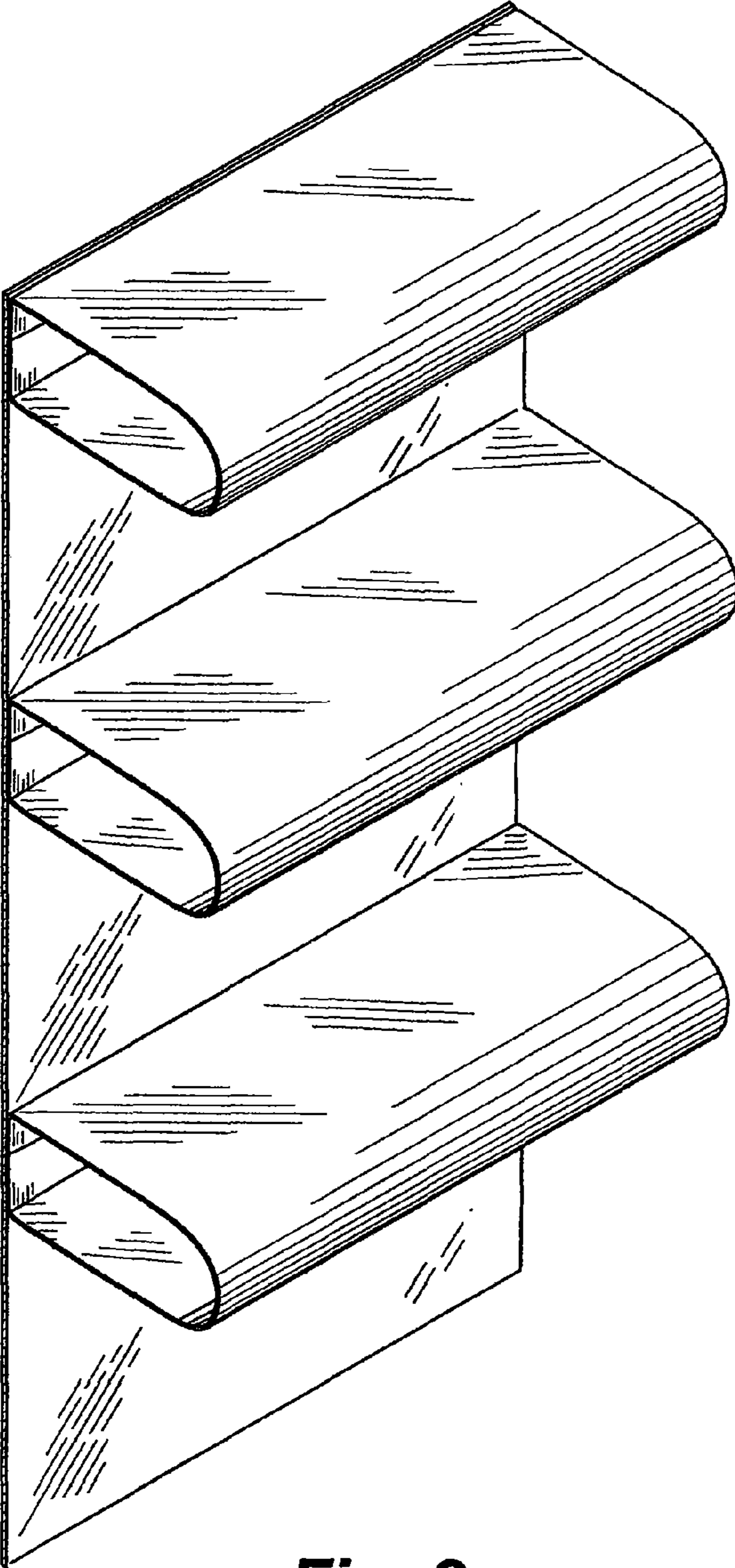


Fig. 2

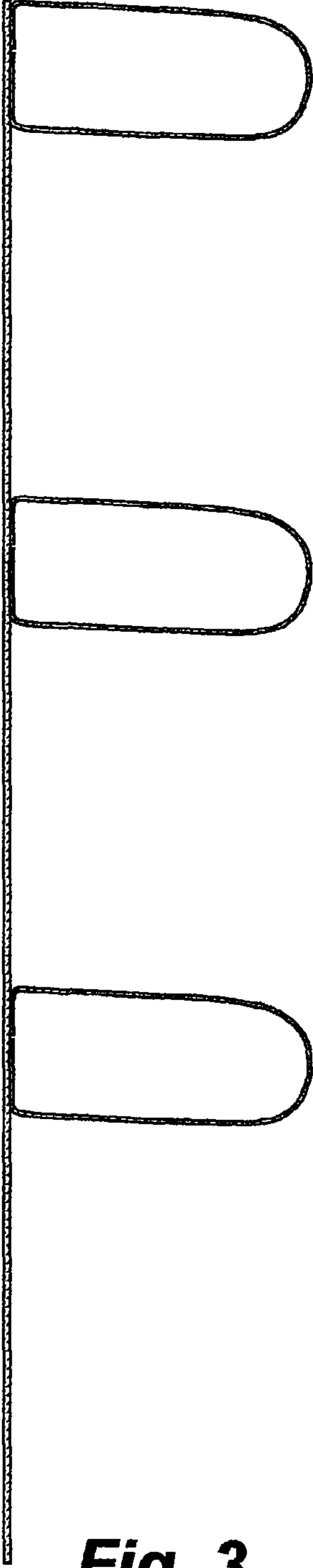


Fig. 3

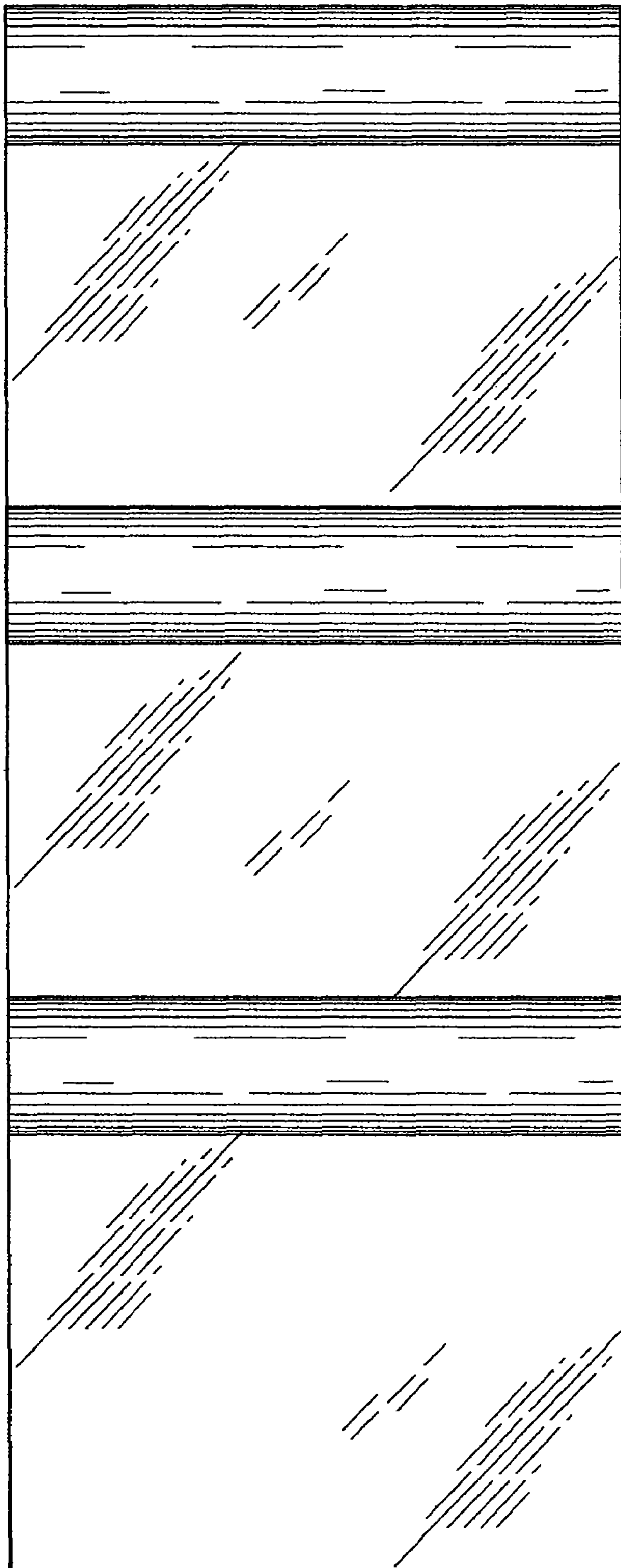


Fig. 4

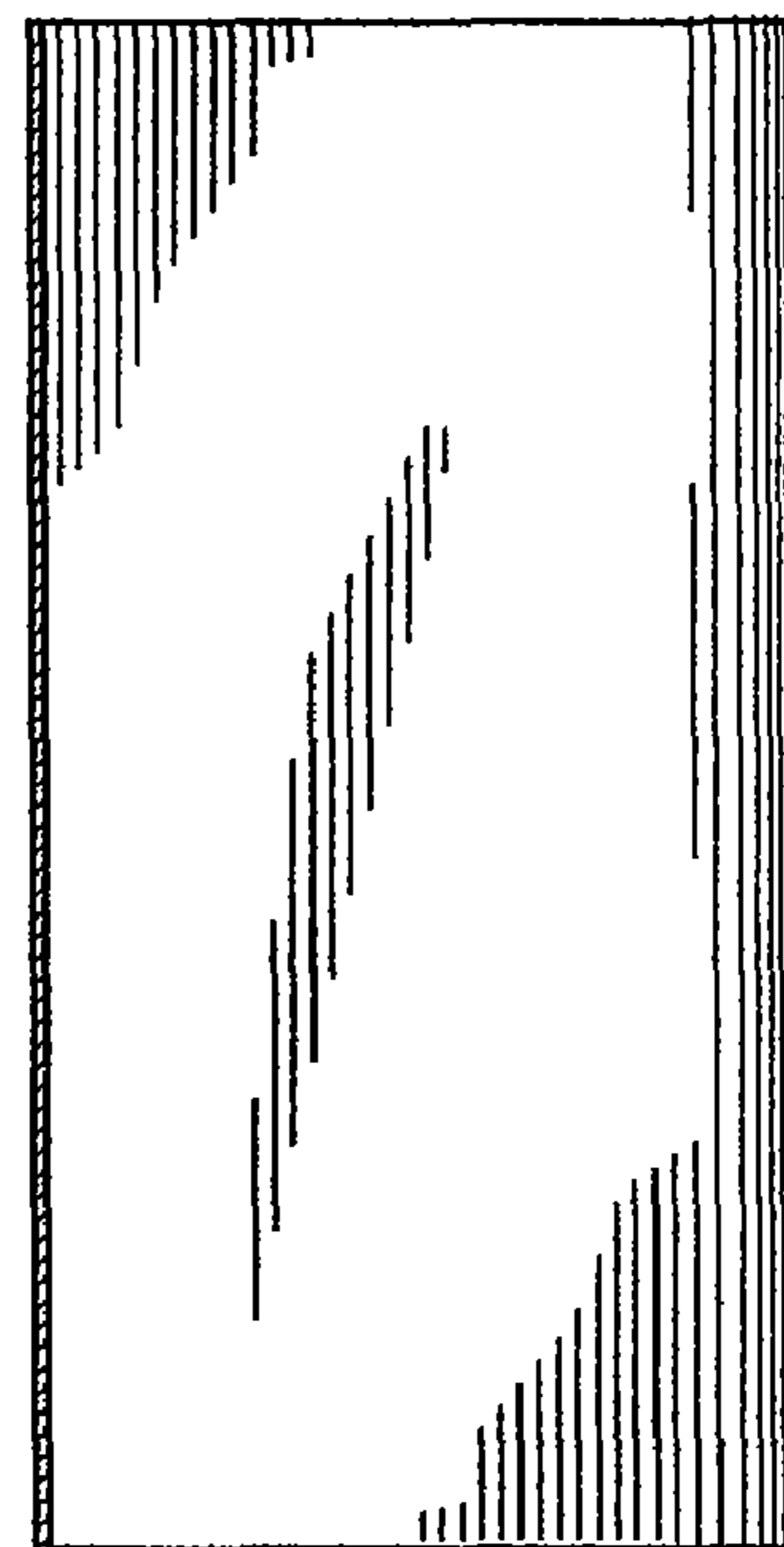


Fig. 5

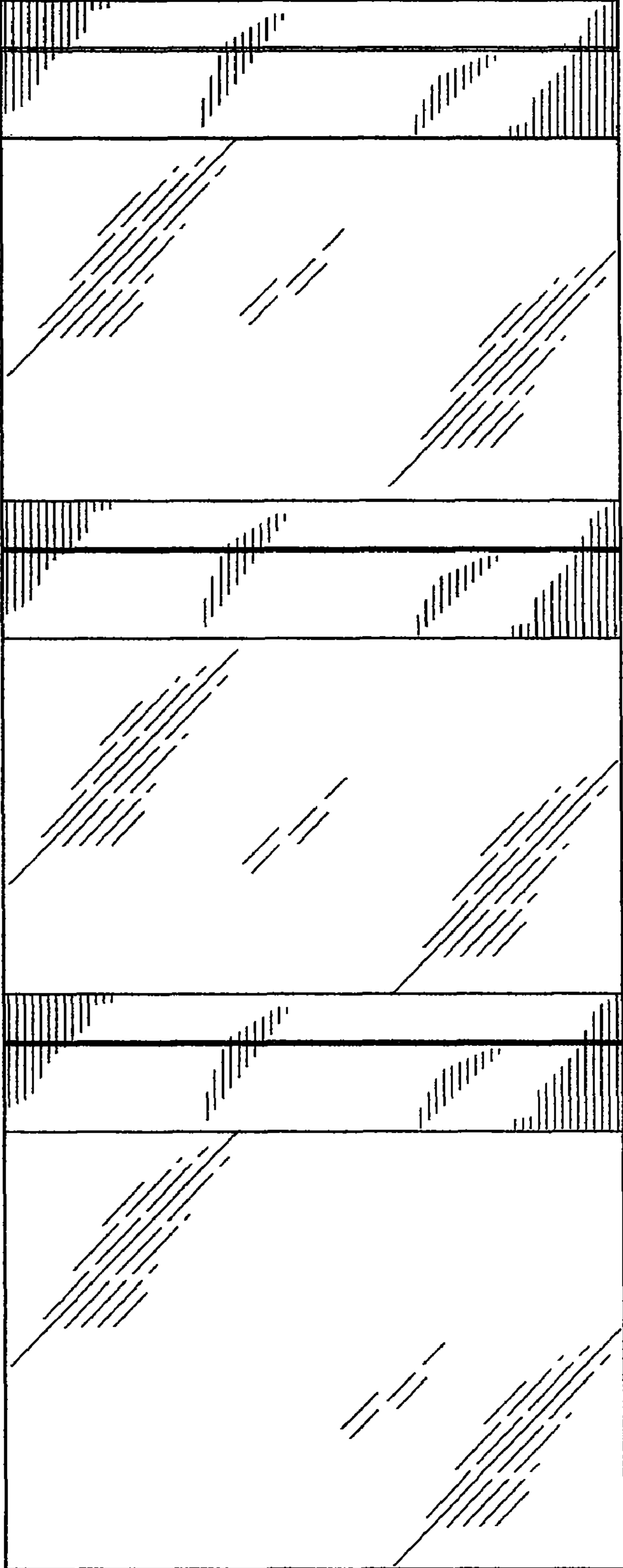


Fig. 6

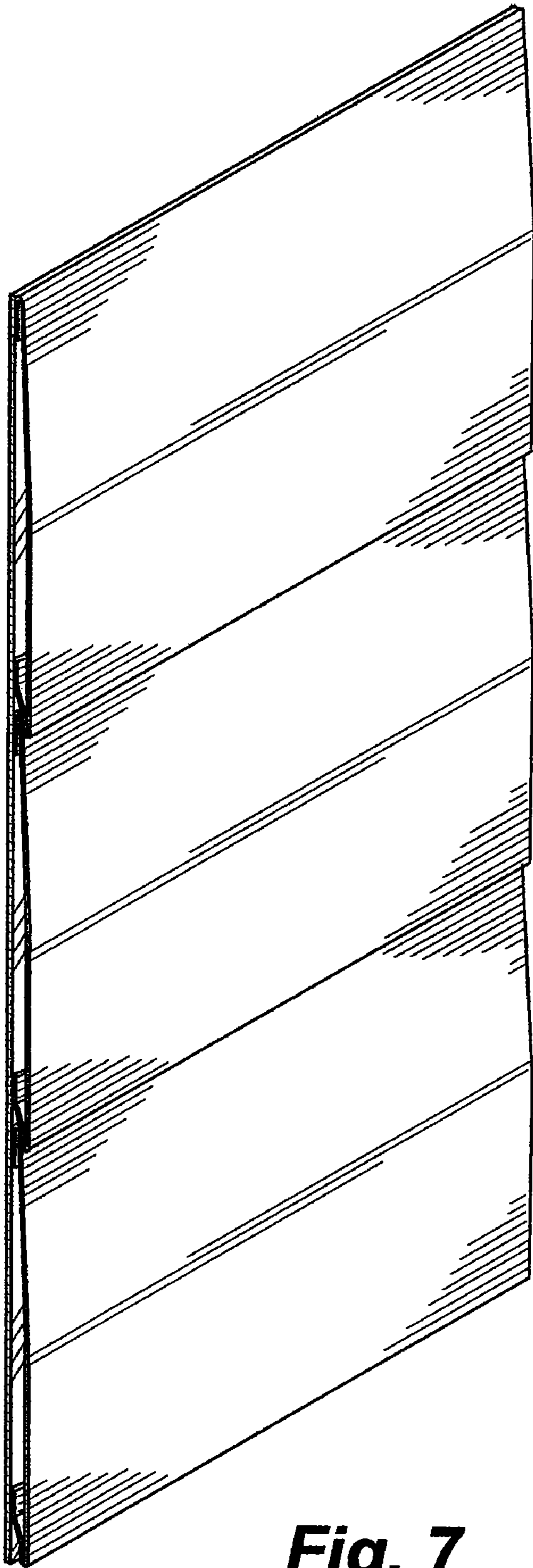


Fig. 7



Fig. 8

Fig. 10

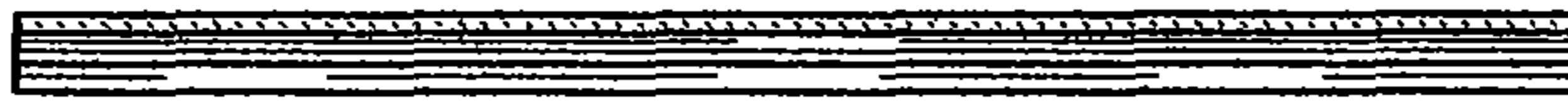


Fig. 9

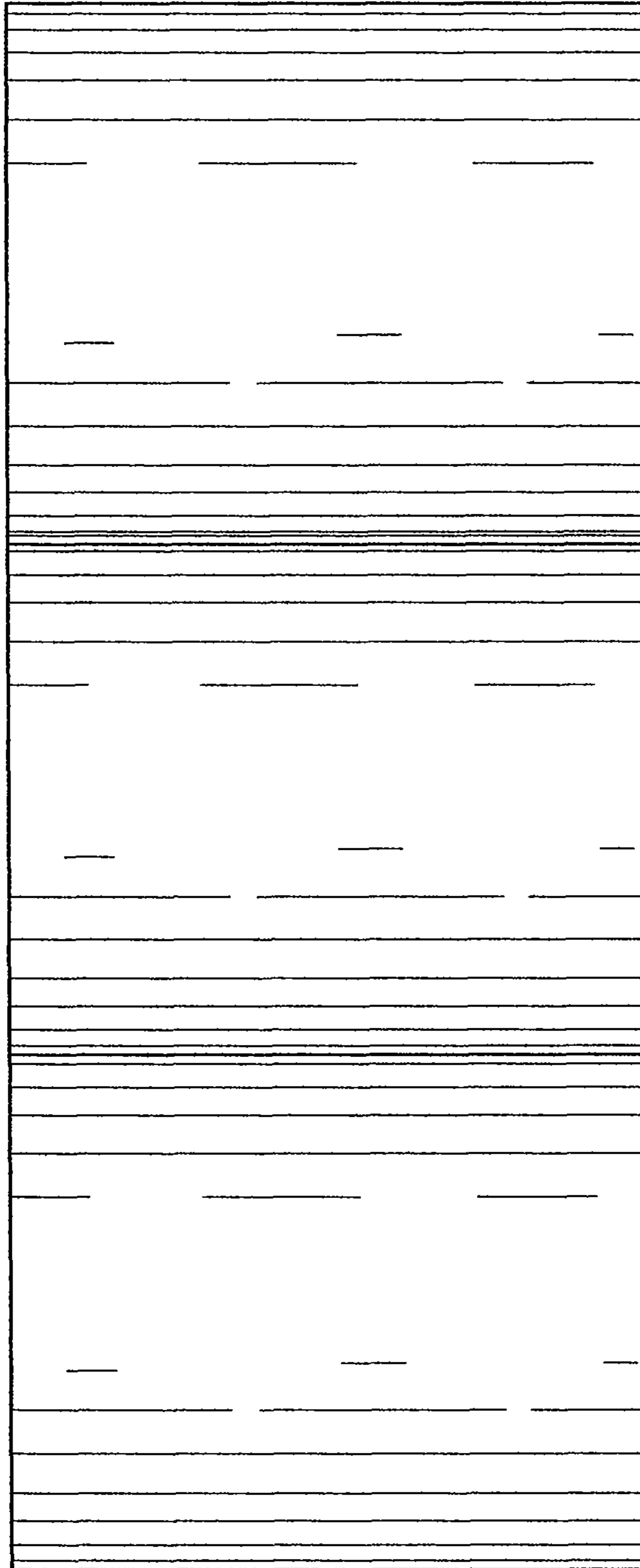
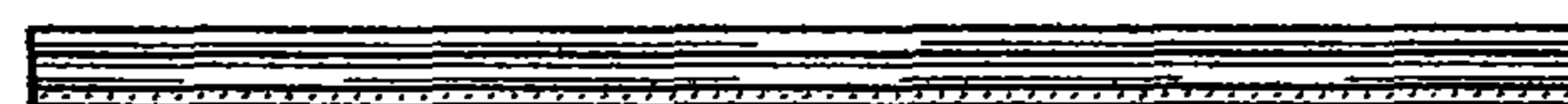


Fig. 11



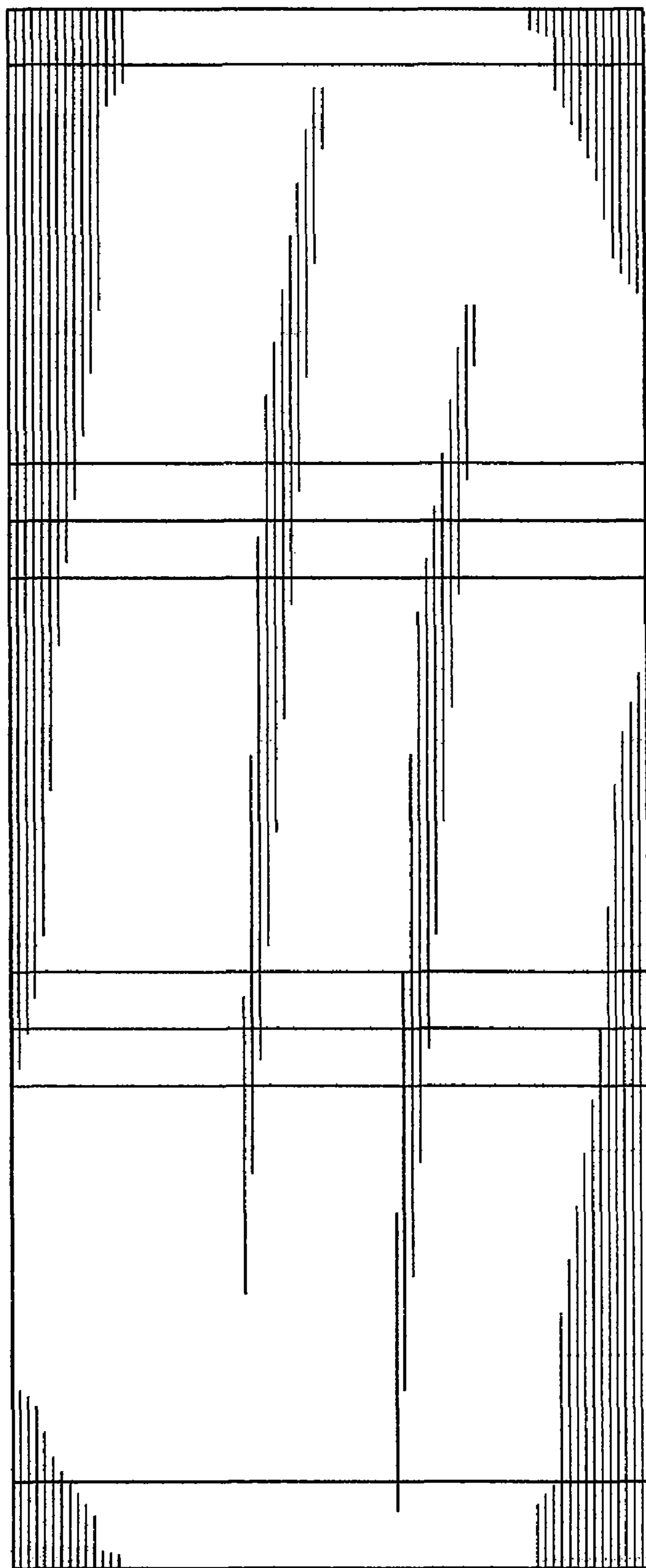


Fig. 12

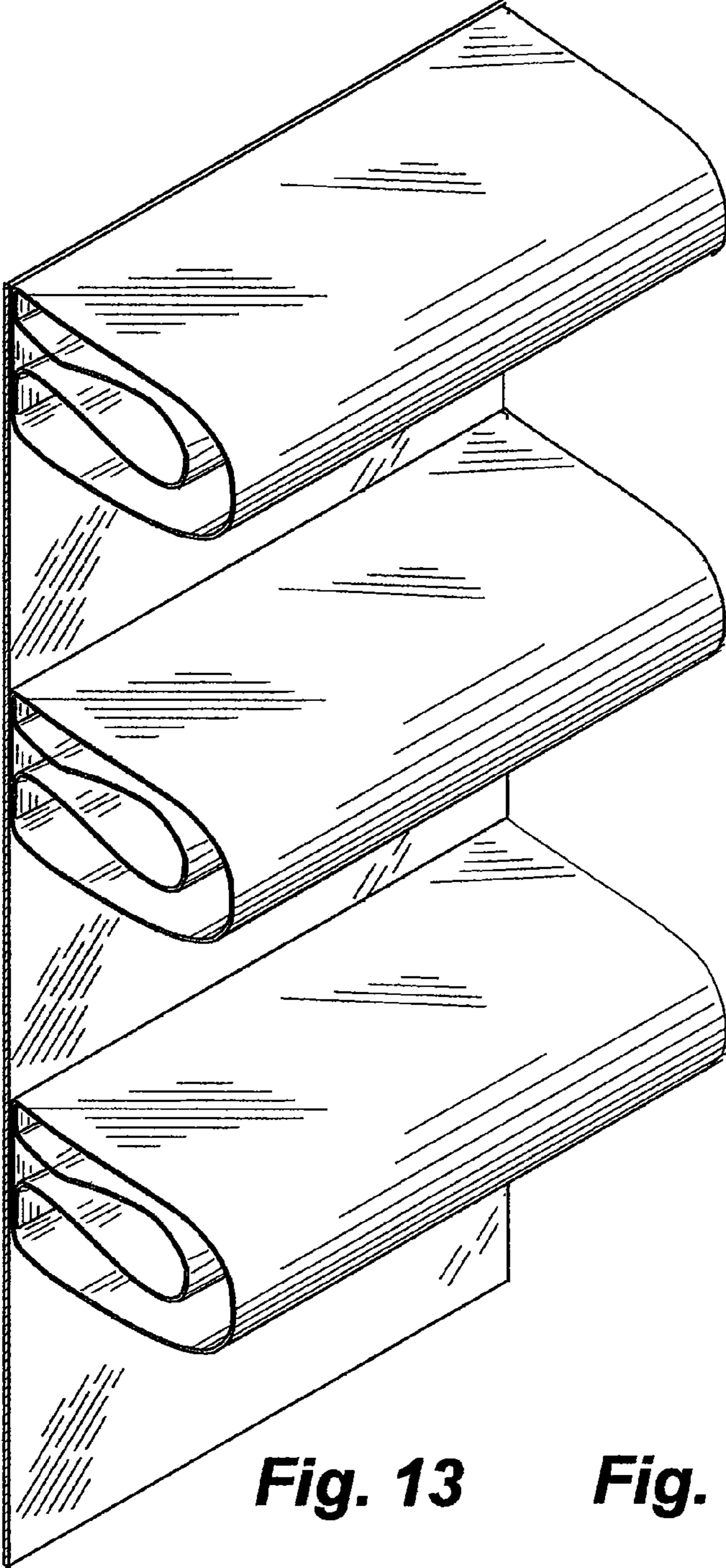


Fig. 13

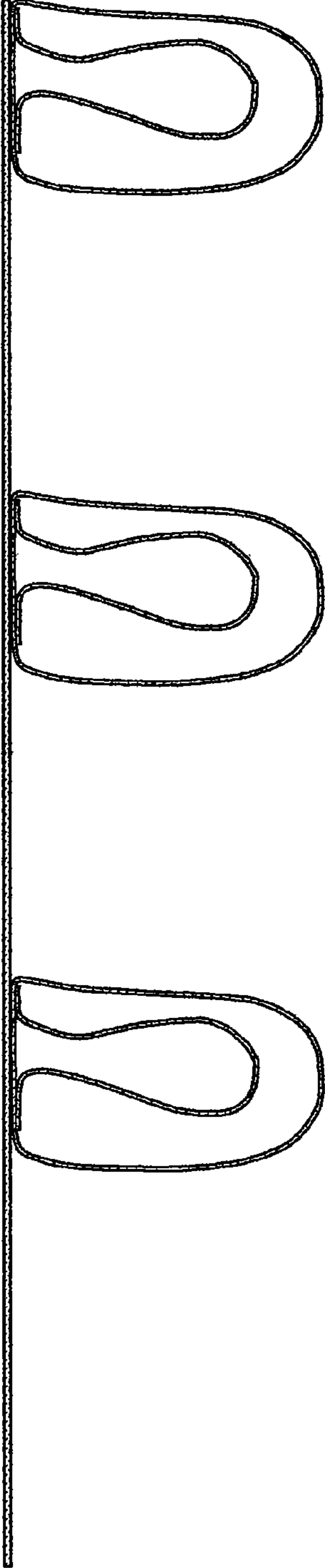


Fig. 14

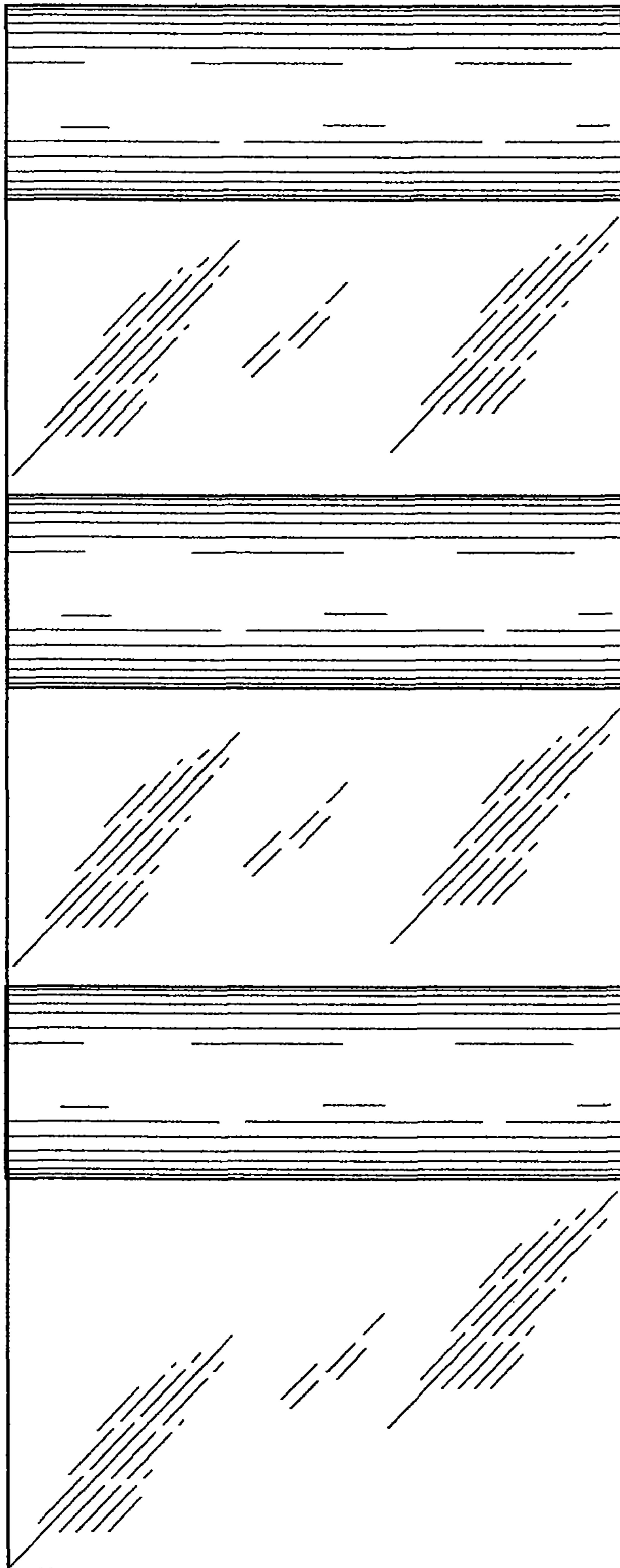


Fig. 15

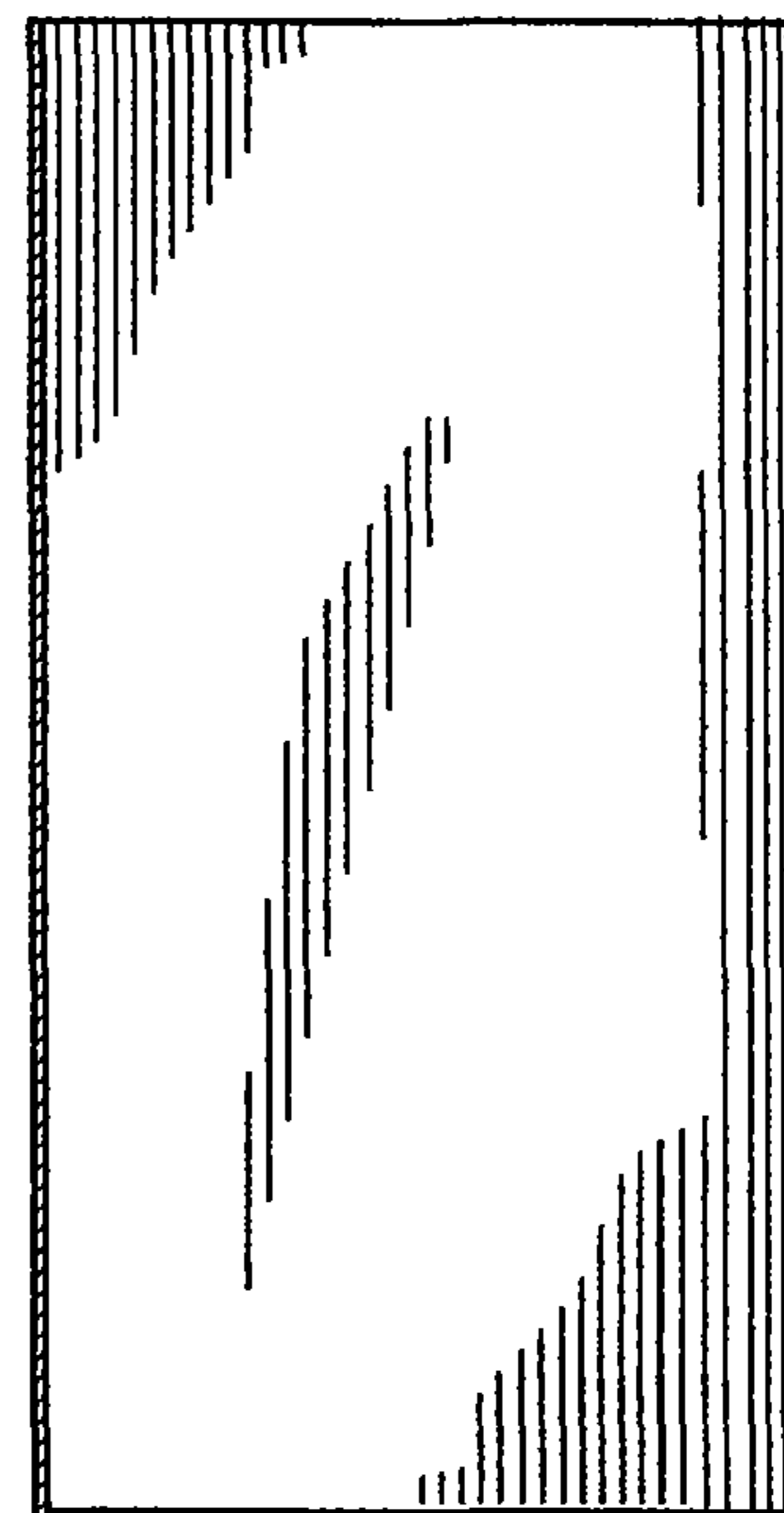


Fig. 16

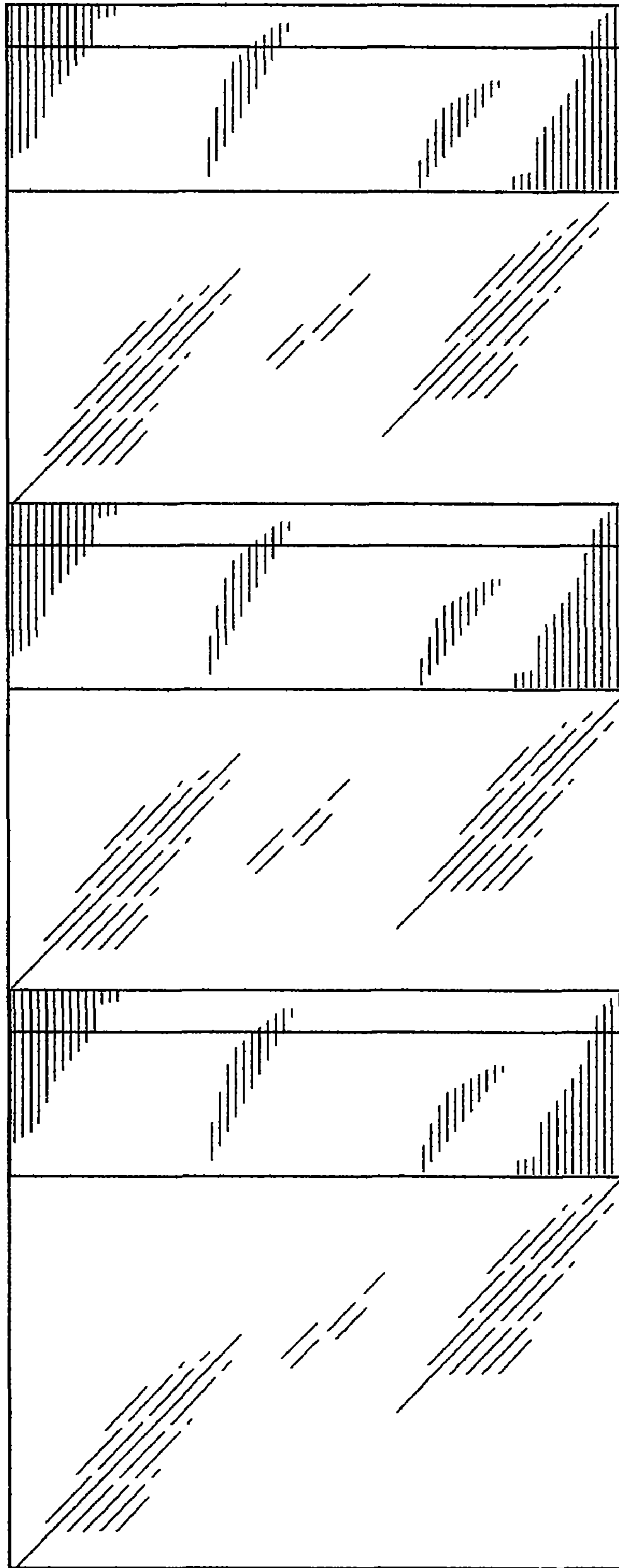


Fig. 17

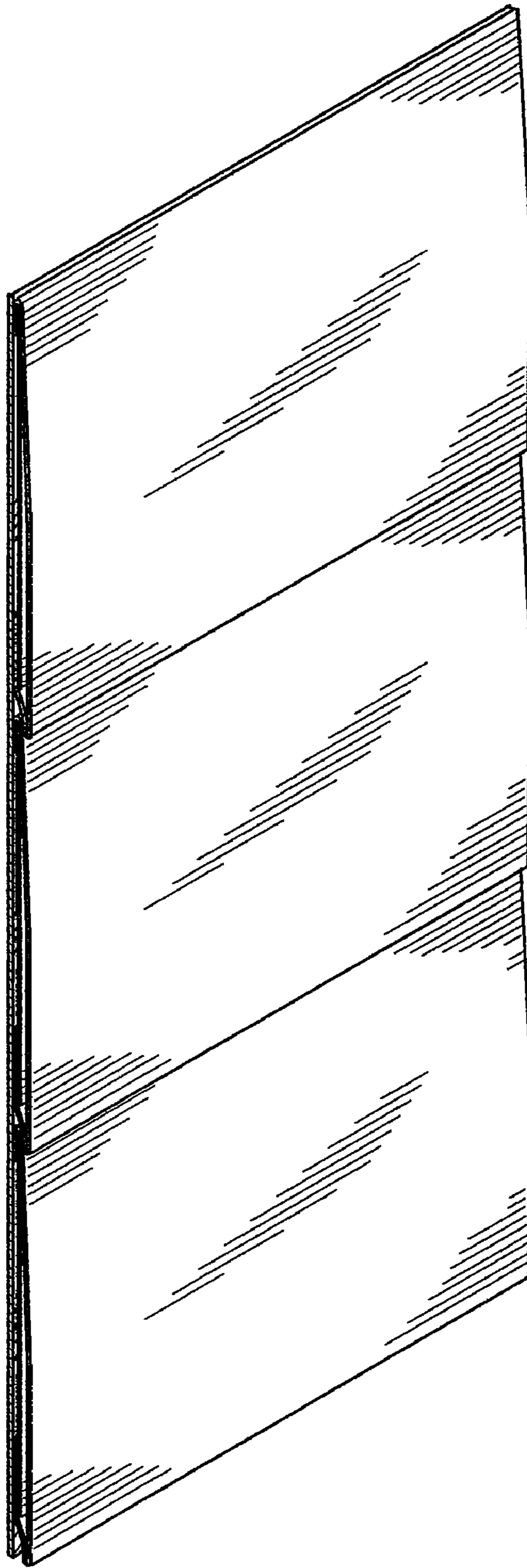


Fig. 18



Fig. 19

Fig. 21

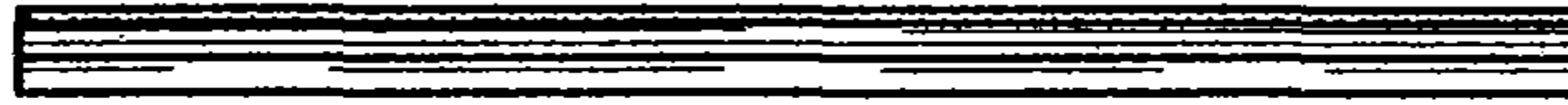


Fig. 20

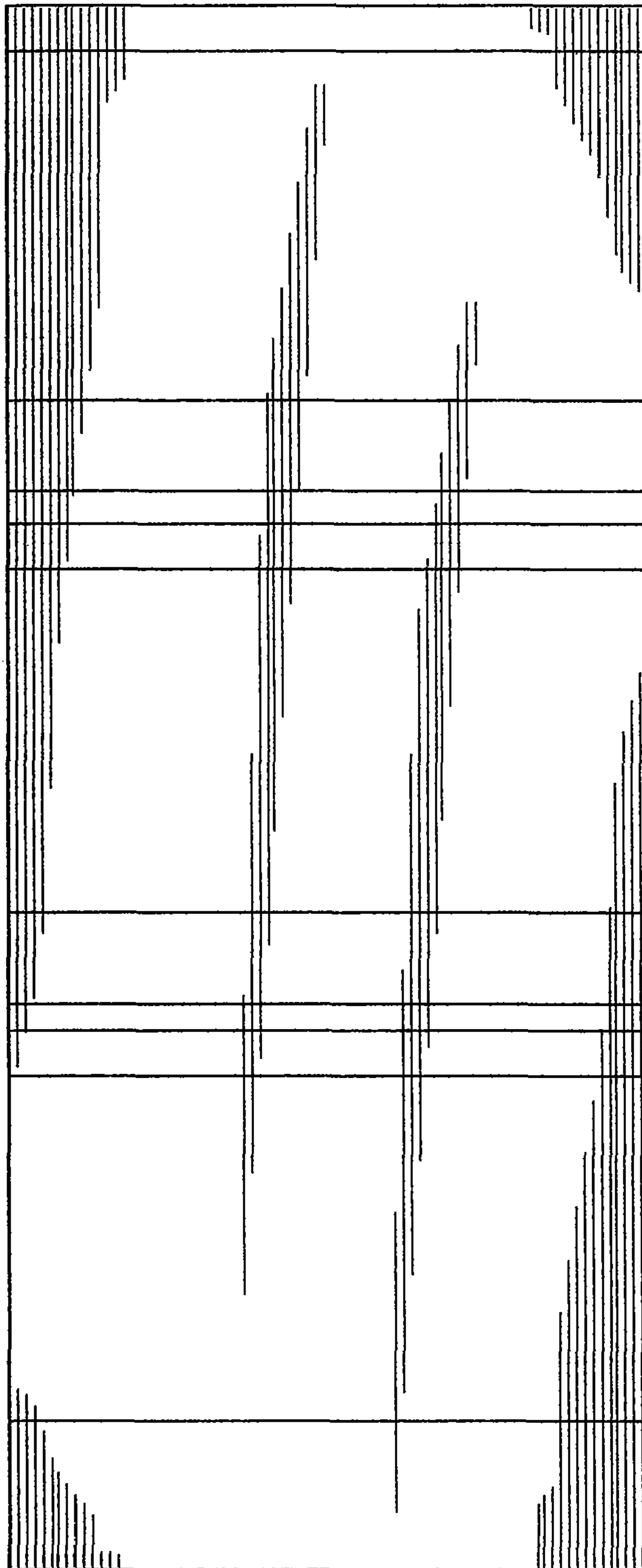
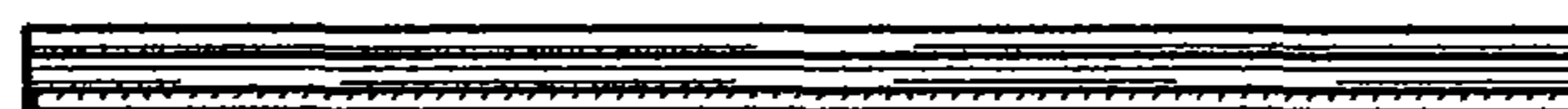


Fig. 22



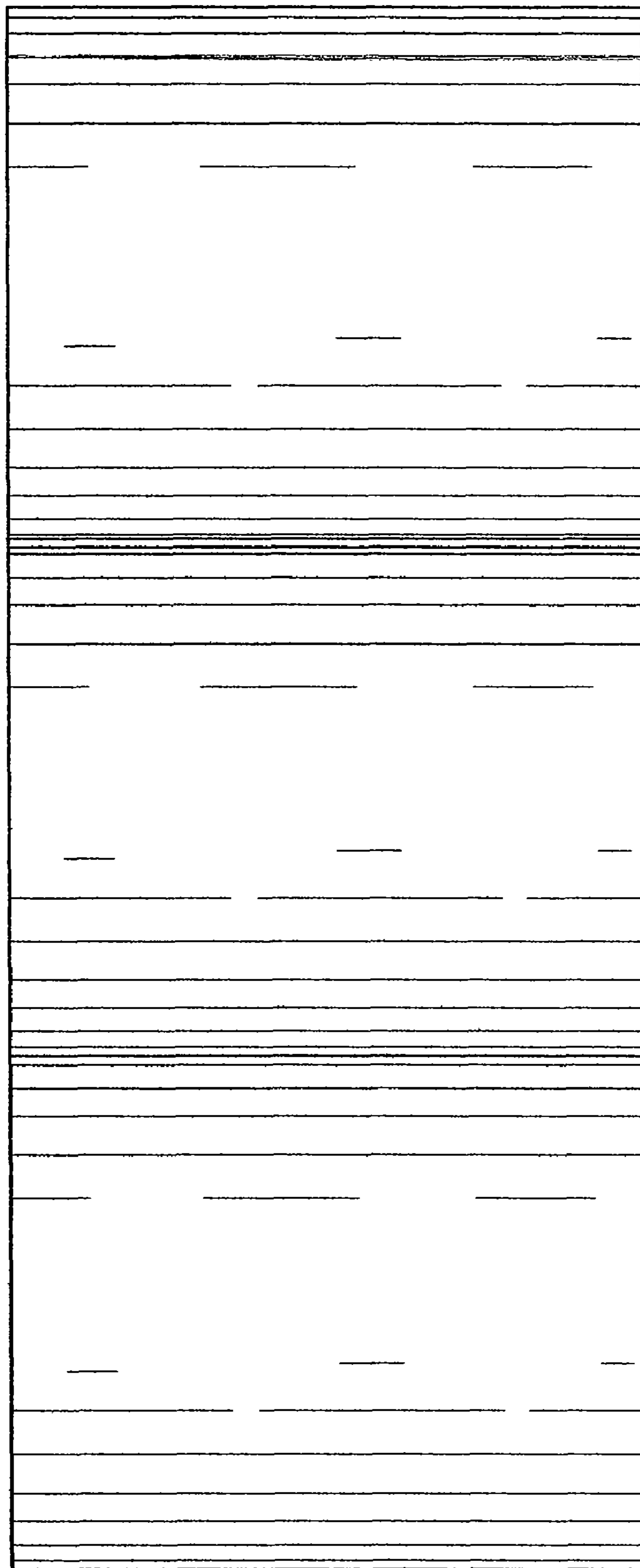


Fig. 23