



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**

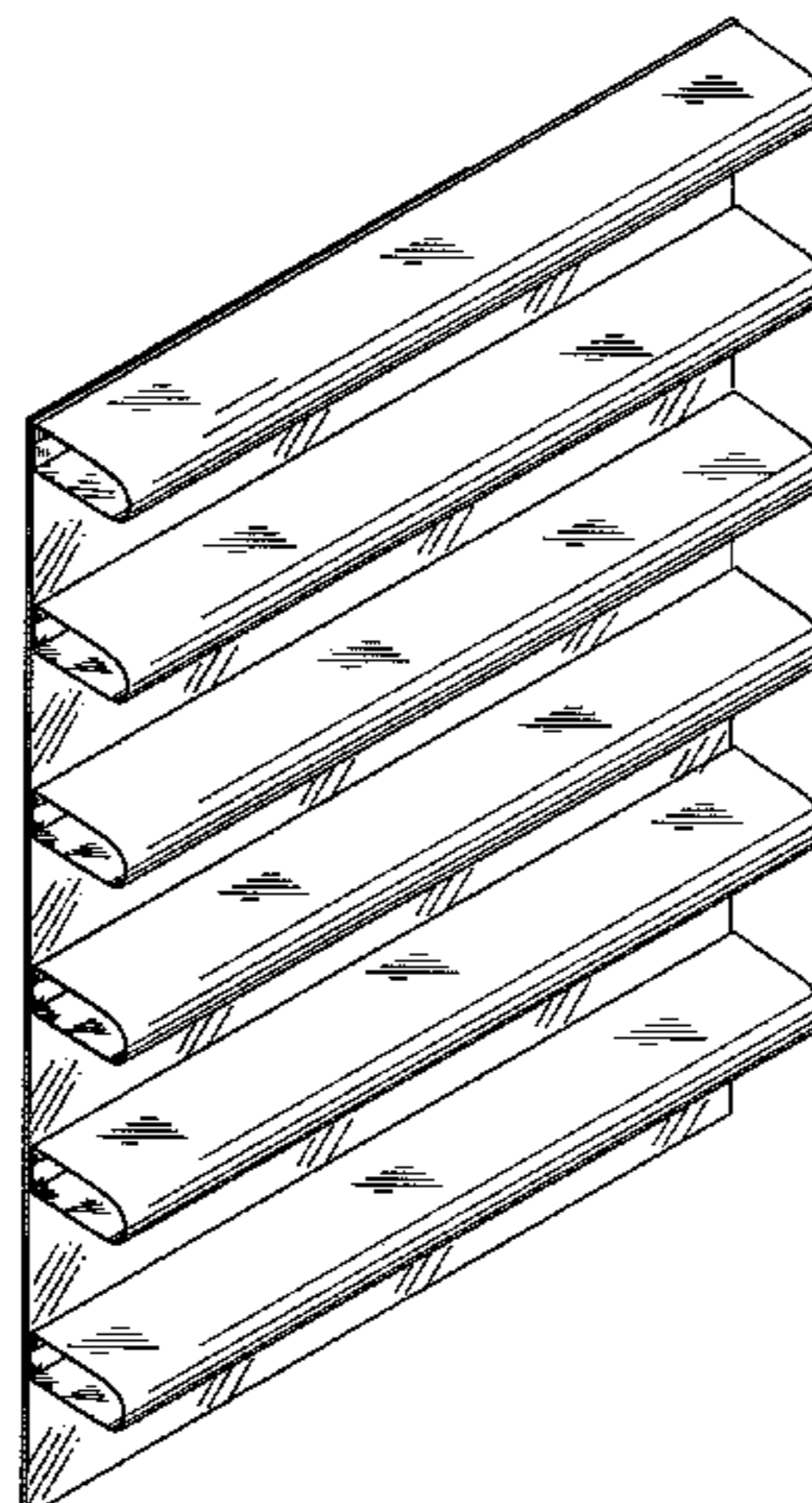
**U.S. PATENT DOCUMENTS**

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.

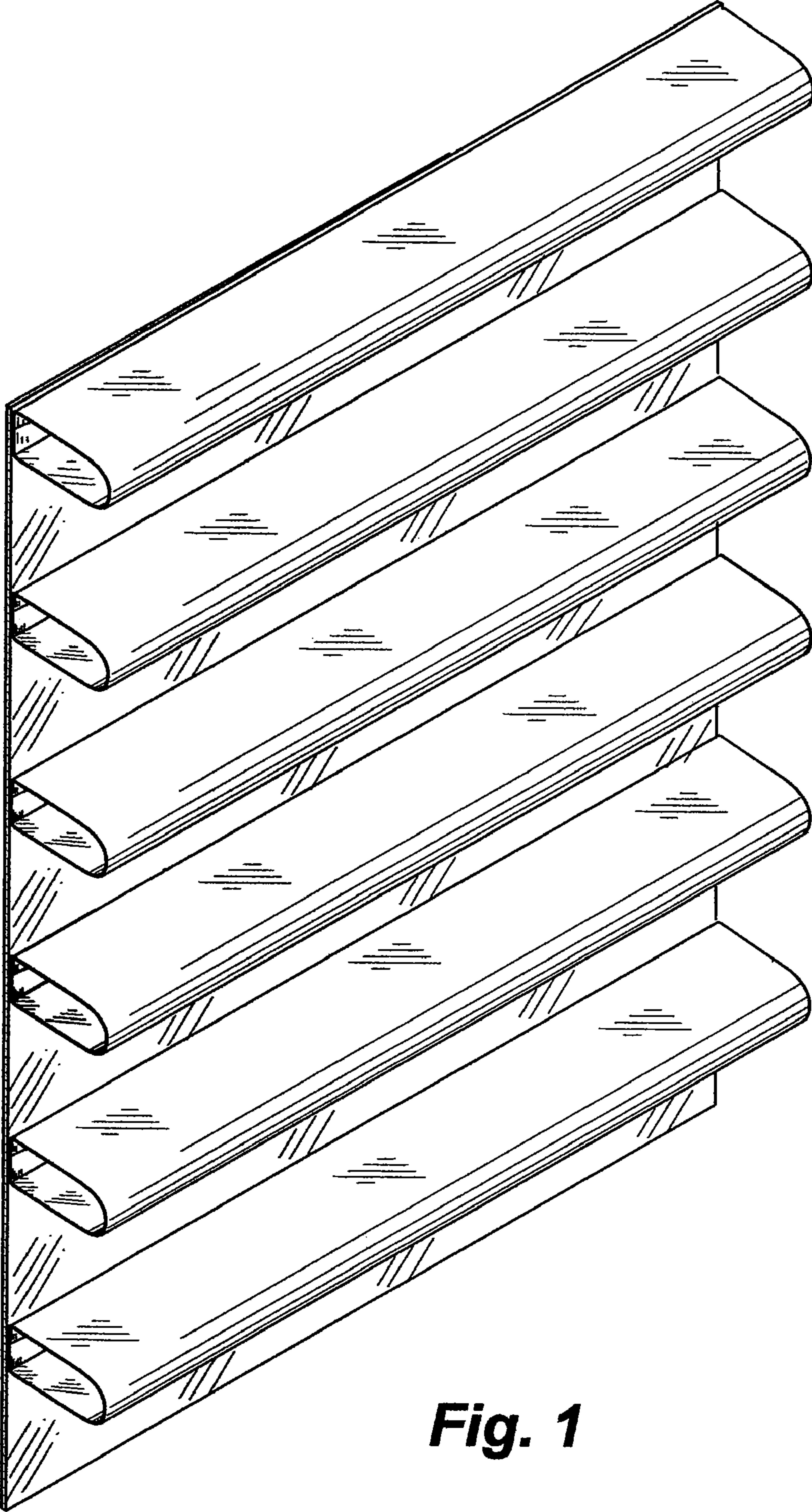
FIG. 20 is a rear elevation of the fabric as shown in FIG. 18.

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

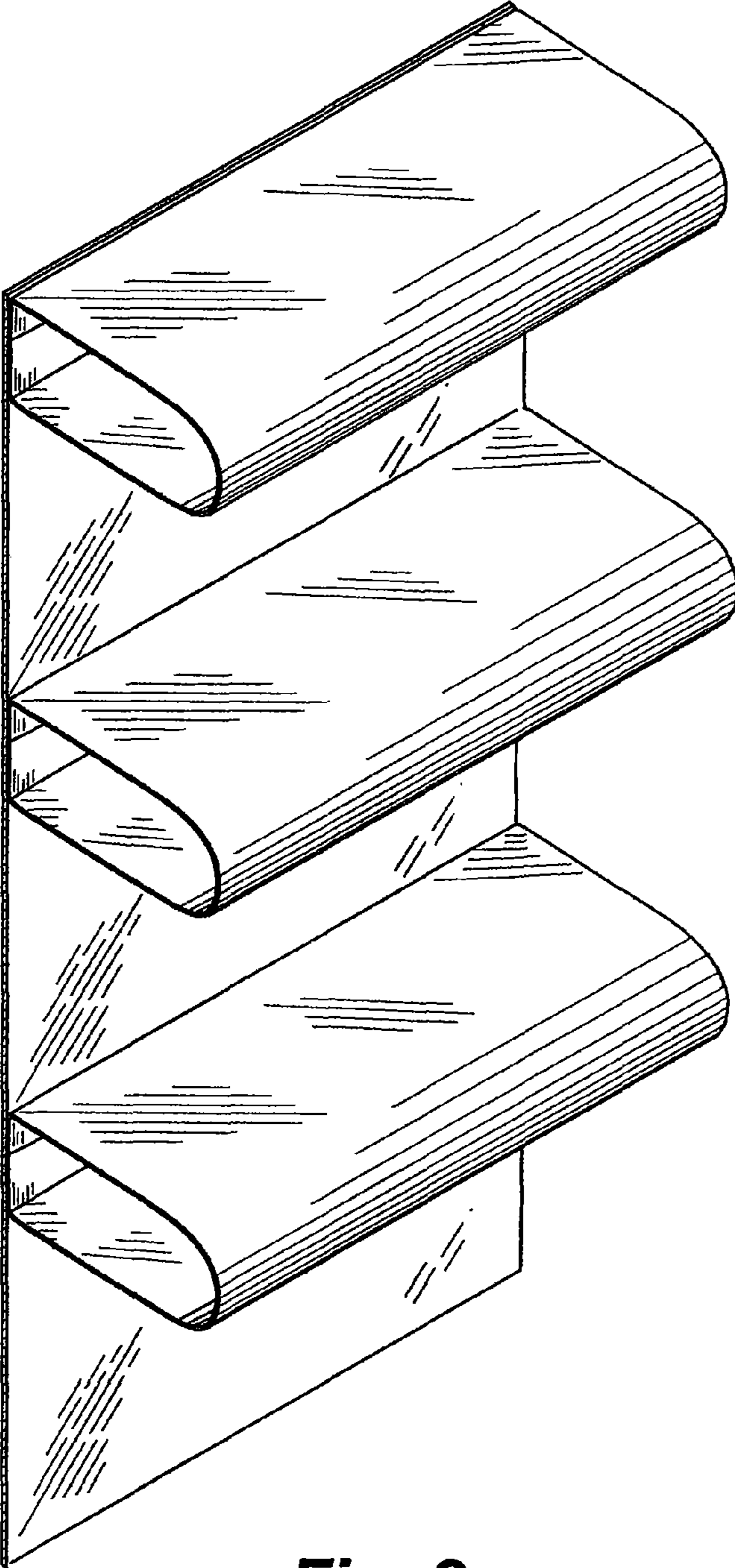
FIG. 22 is a bottom plan view of the fabric as shown in FIG. 18; and,

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

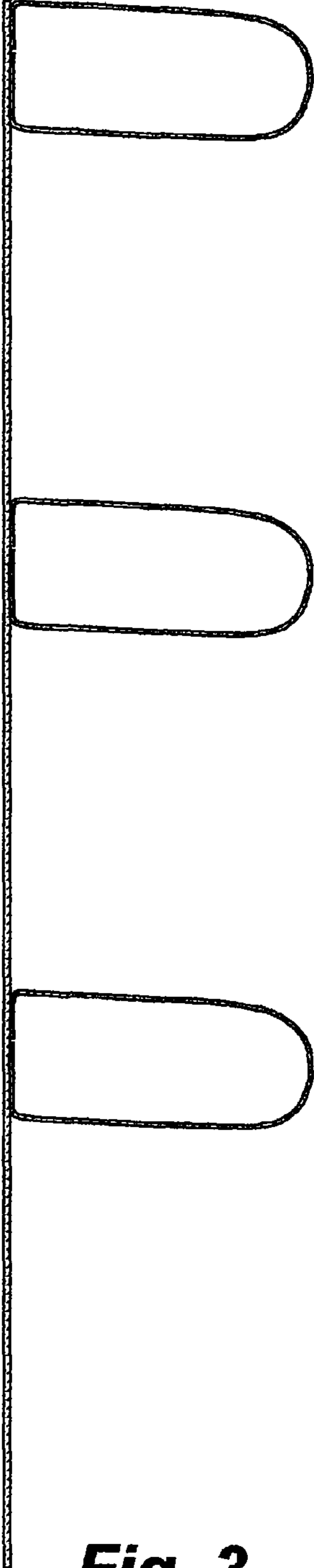
**1 Claim, 13 Drawing Sheets**



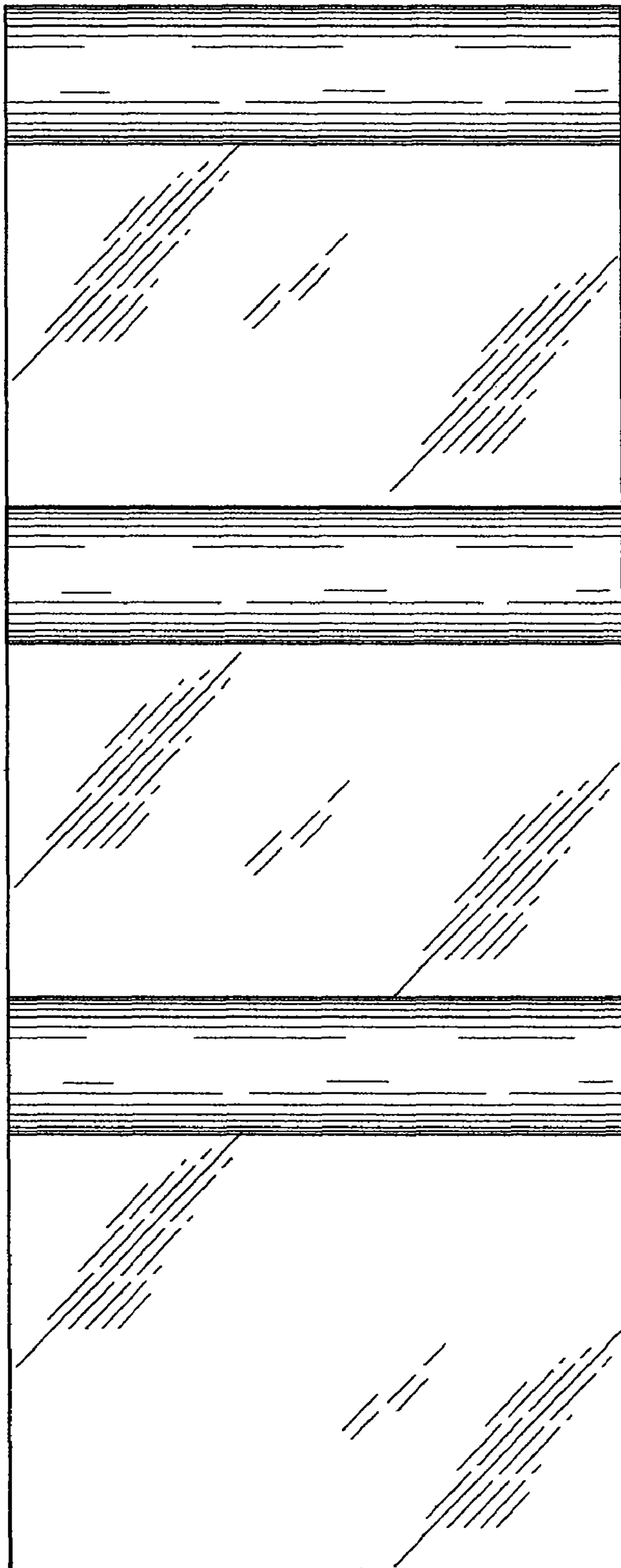
**Fig. 1**



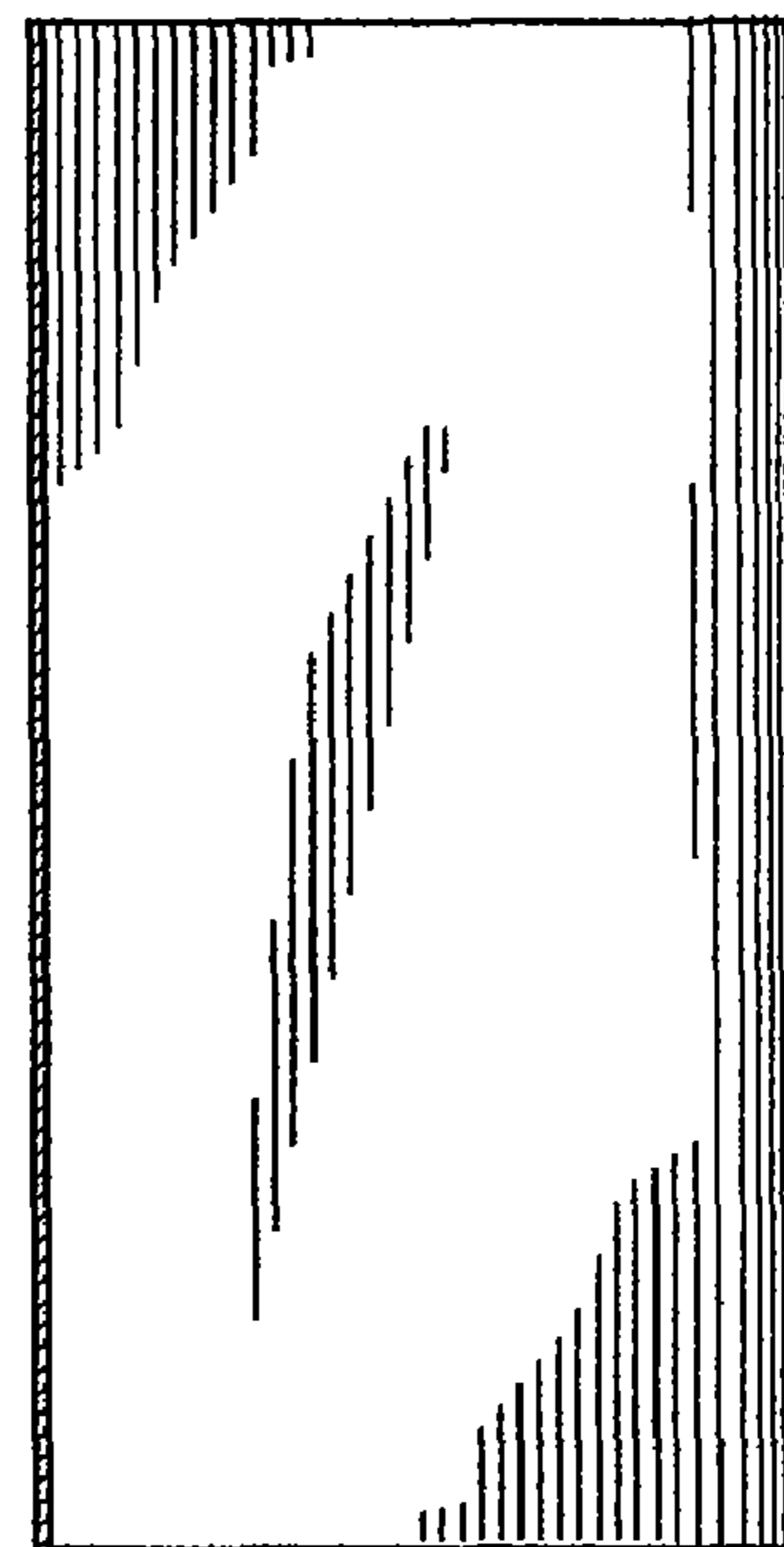
**Fig. 2**



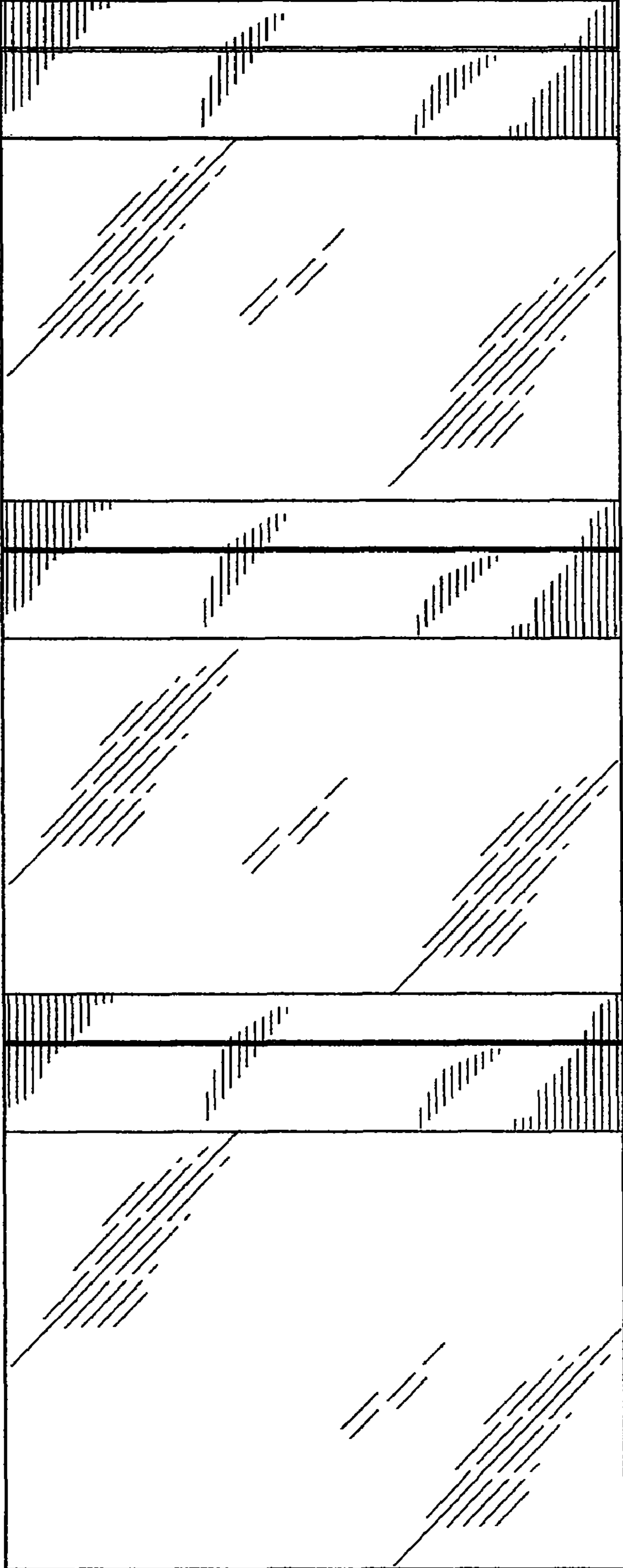
**Fig. 3**



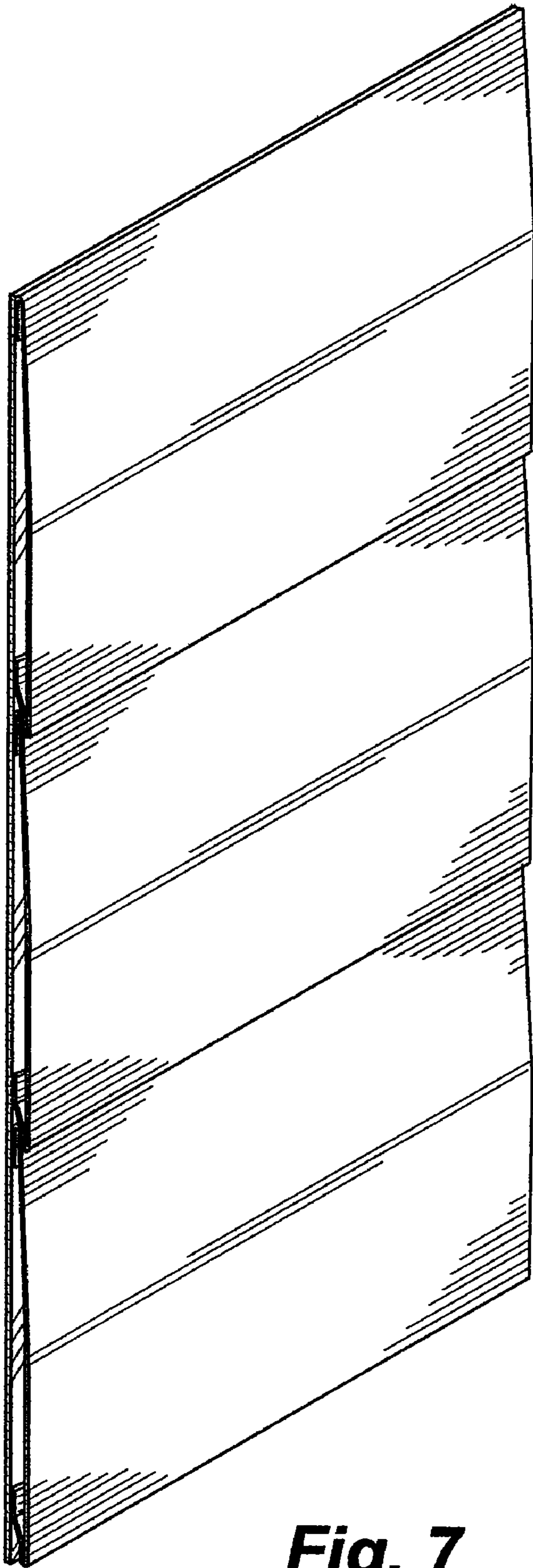
**Fig. 4**



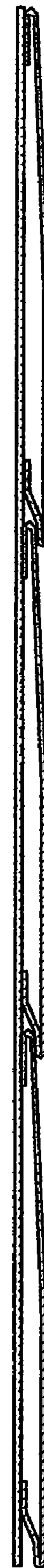
**Fig. 5**



**Fig. 6**

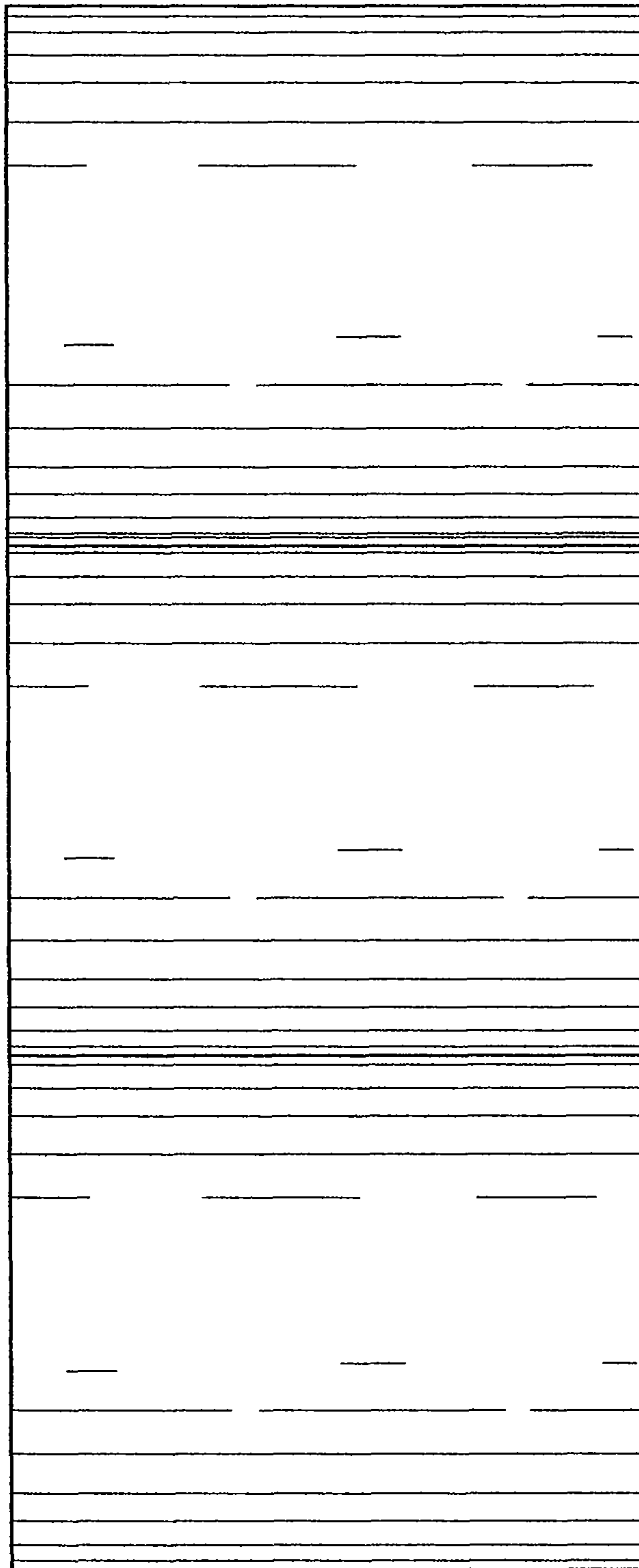
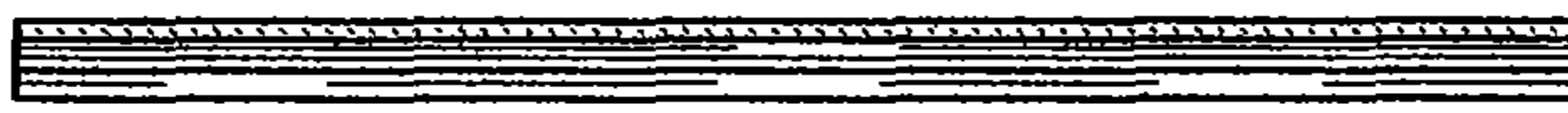


**Fig. 7**



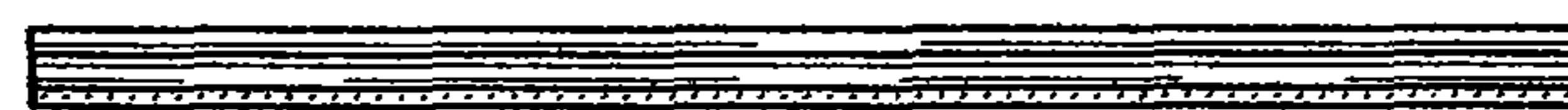
**Fig. 8**

**Fig. 10**

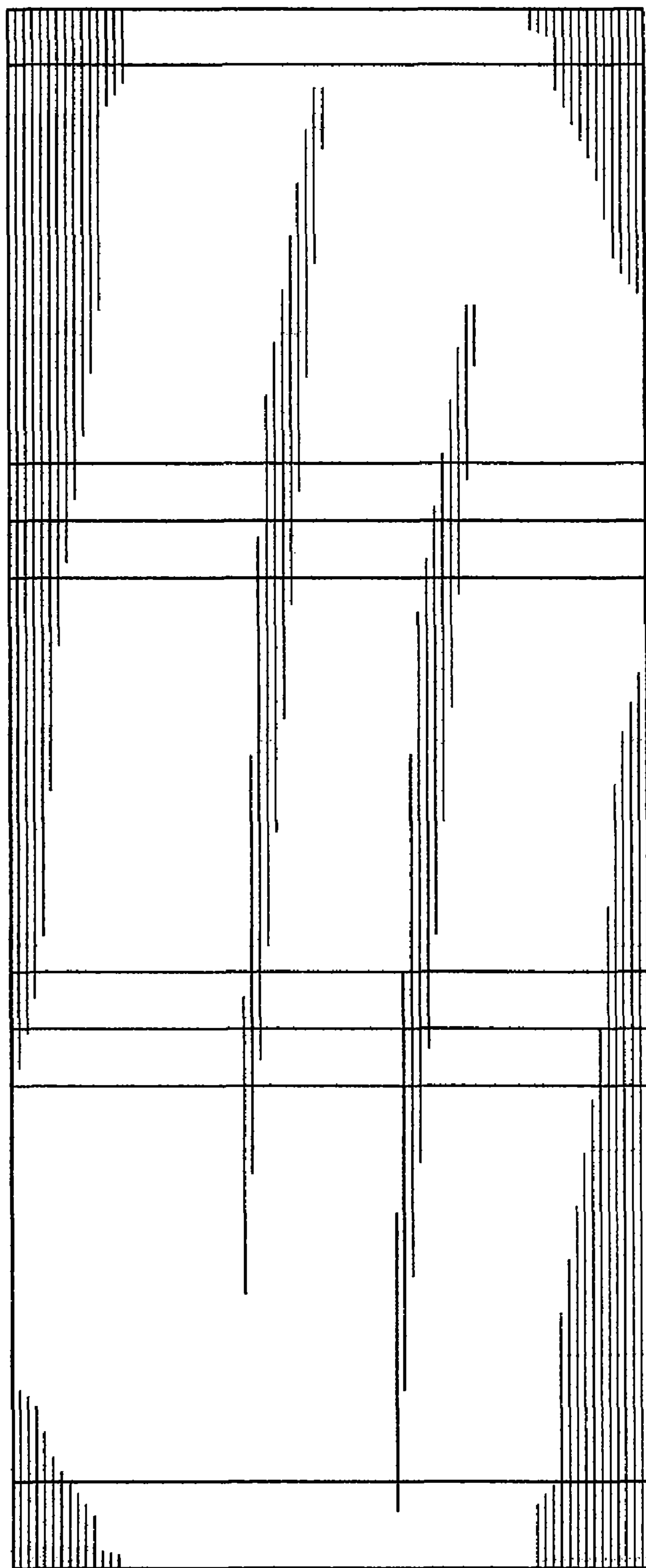


**Fig. 9**

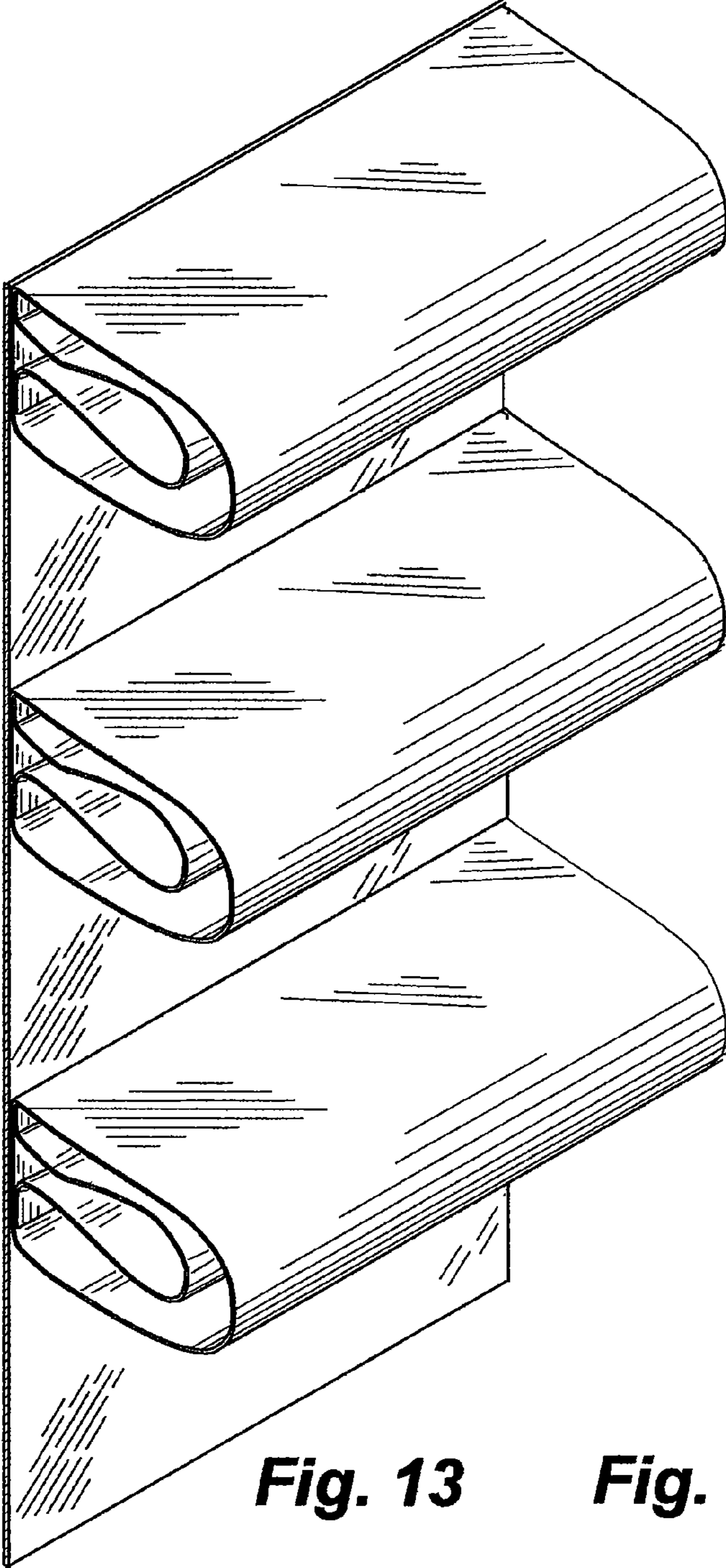
**Fig. 11**



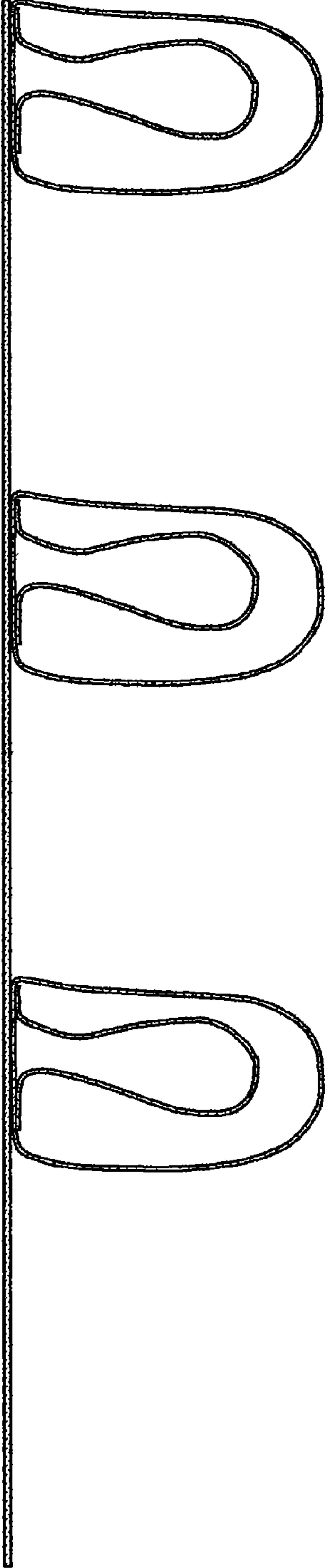




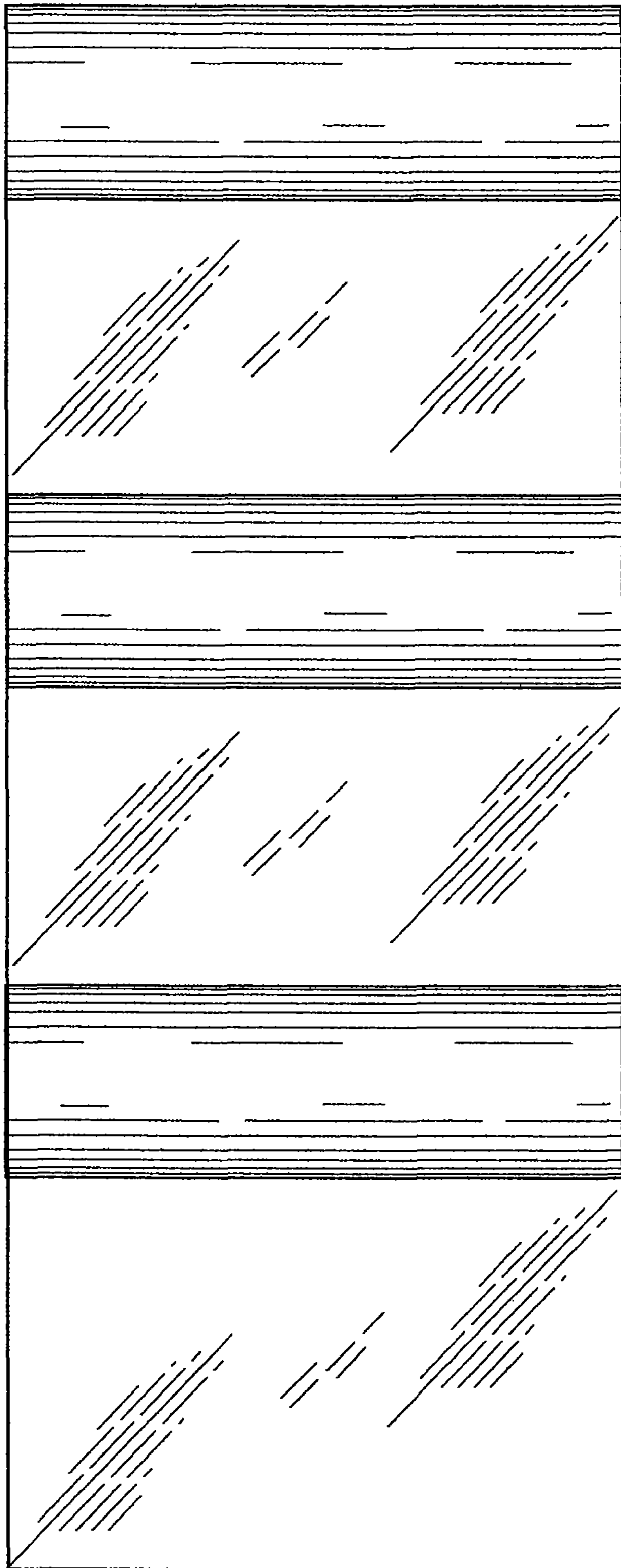
**Fig. 12**



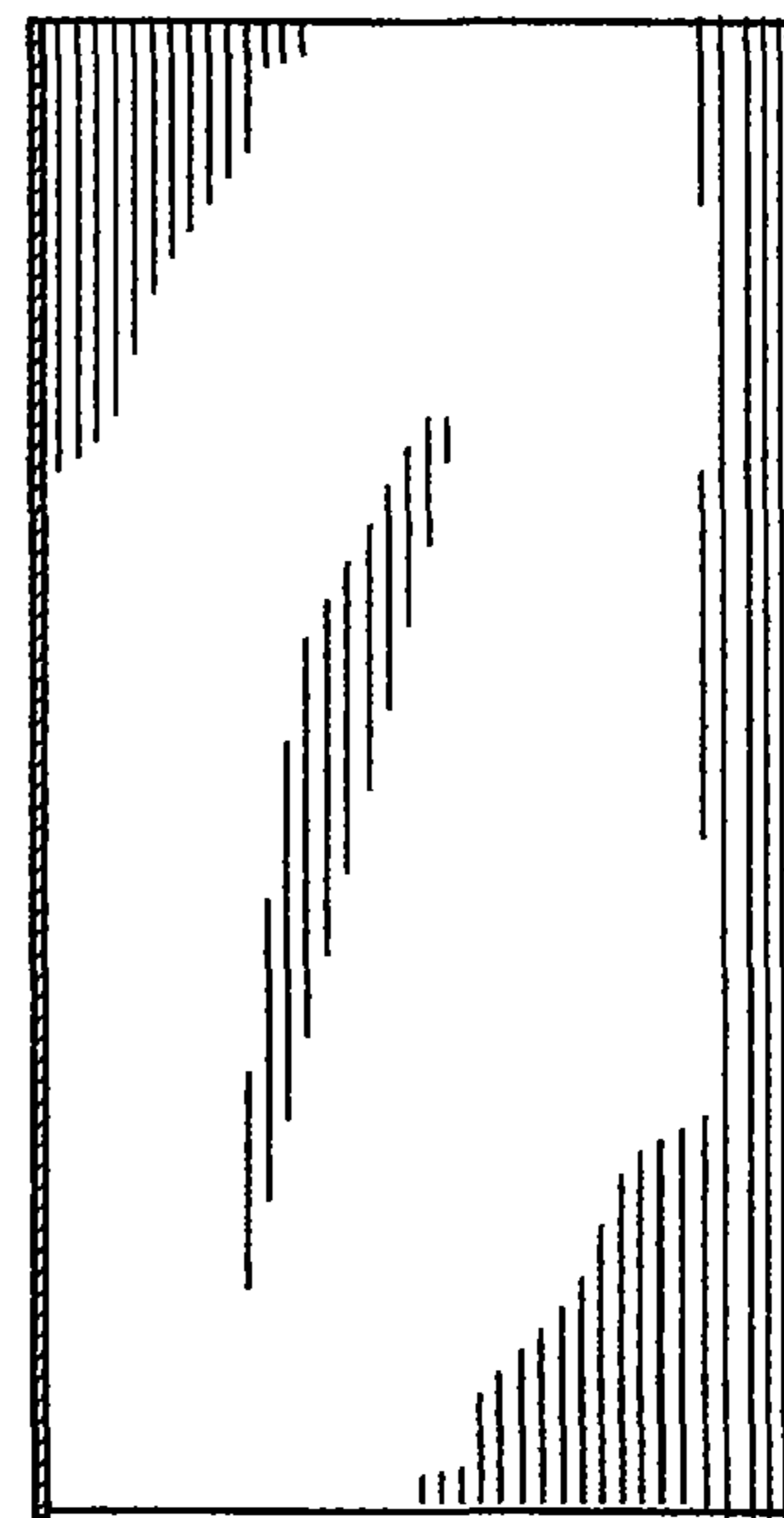
**Fig. 13**



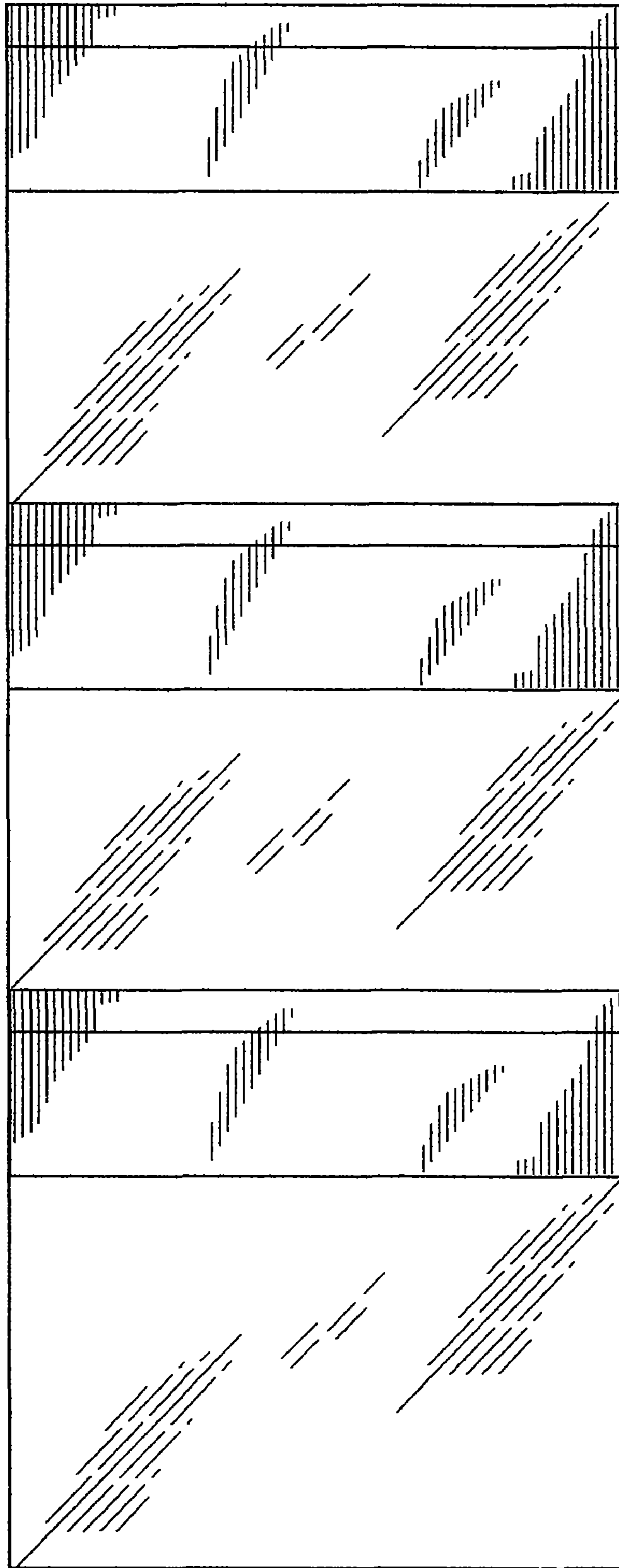
**Fig. 14**



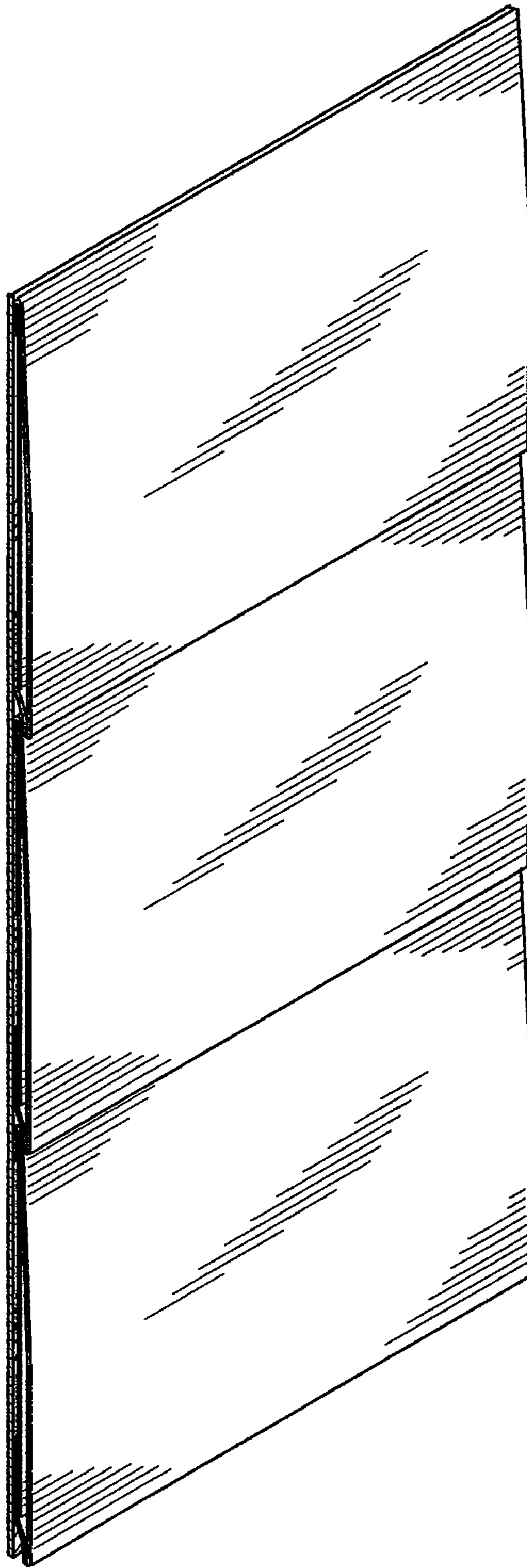
**Fig. 15**



**Fig. 16**



**Fig. 17**

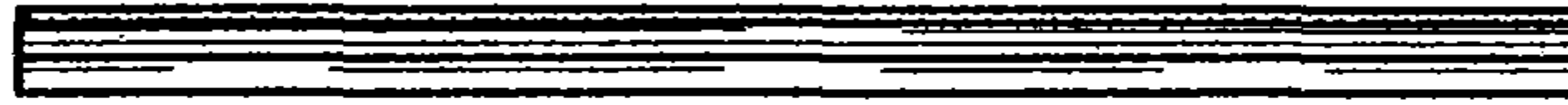


**Fig. 18**

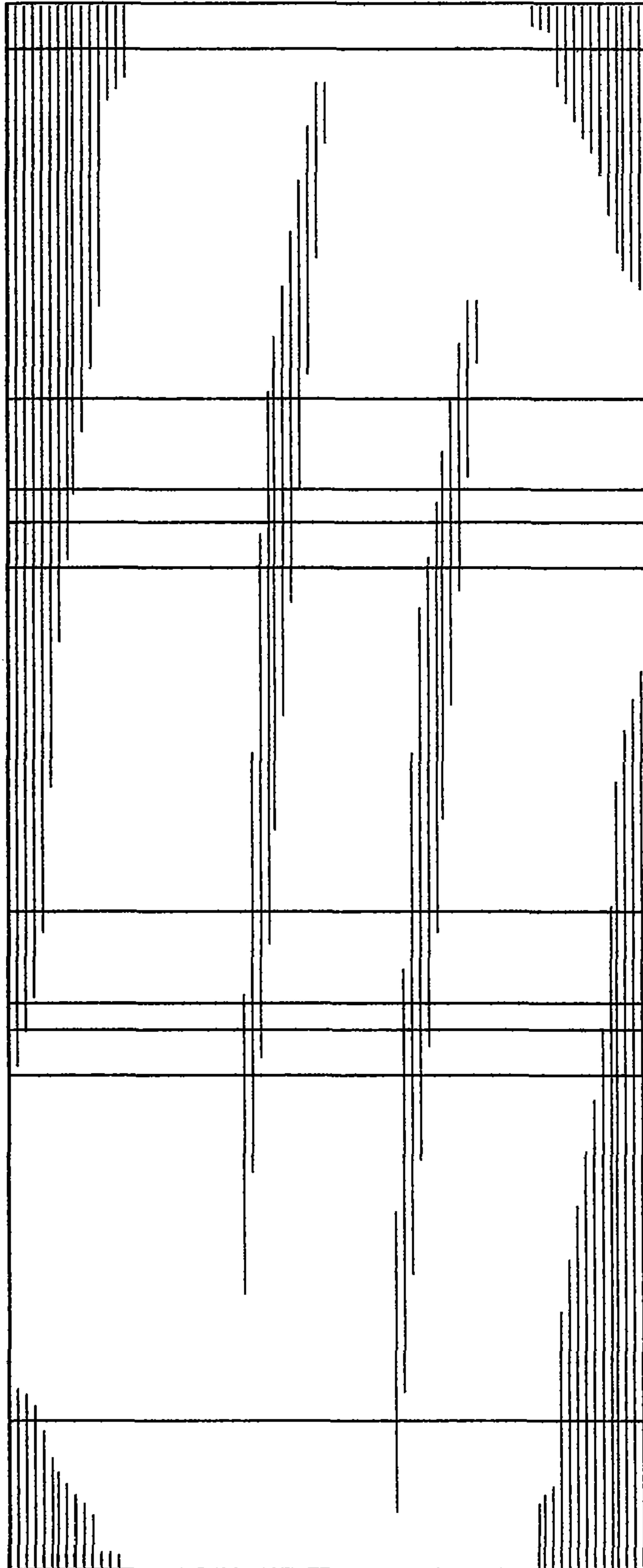


**Fig. 19**

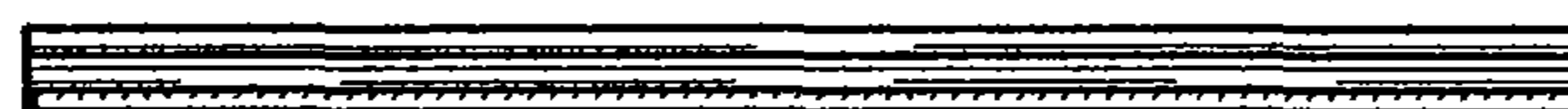
**Fig. 21**

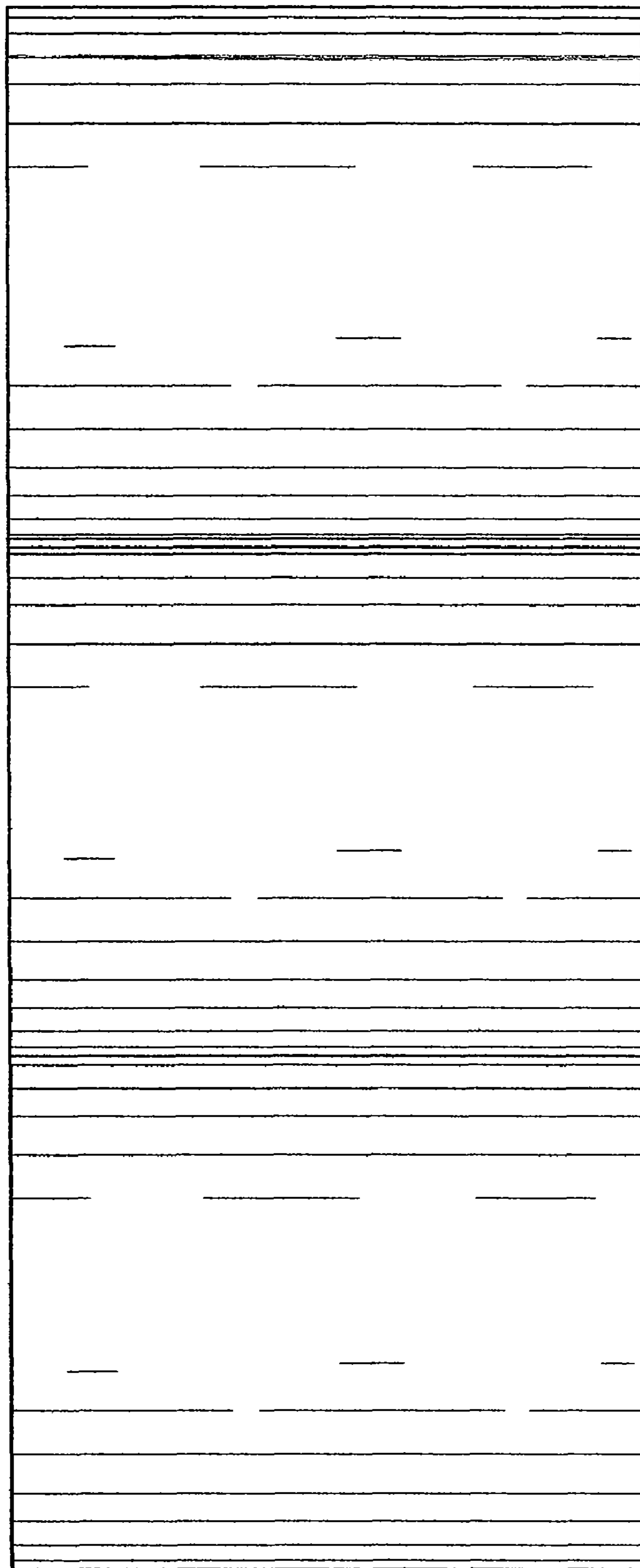


**Fig. 20**



**Fig. 22**





**Fig. 23**