



US00D632493S

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

(10) **Patent No.:** **US D632,493 S**

(45) **Date of Patent:** **** Feb. 15, 2011**

(54) **RETRACTABLE CELLULAR FABRIC WITH CELLS OF A DROOPED CONFIGURATION**

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

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

(21) Appl. No.: **29/340,744**

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

Related U.S. Application Data

(63) Continuation of application No. 10/567,619, filed as application No. PCT/US2004/027197 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

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0 482 794 B1 5/1994
EP 0 654 577 B1 3/1999
GB 1 494 842 12/1977

(Continued)

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. 29/340,750, filed Jul. 24, 2009, Colson.
U.S. Appl. No. 29/340,755, filed Jul. 24, 2009, Swiszc et al.
U.S. Appl. No. 12/538,620, filed Aug. 10, 2009, Colson et al.

Primary Examiner—Robert M Spear

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(57) **CLAIM**

The ornamental design for a retractable cellular fabric with cells of a drooped configuration, as shown and described.

DESCRIPTION

FIG. 1 is a front isometric of the fabric of the present invention, the fabric having an inner drooped cell positioned within an outer drooped cell and with the fabric shown in an open condition.

FIG. 2 is a left side elevation of the fabric as shown in FIG. 1 with the right side elevation being a mirror image.

FIG. 3 is a front elevation of the fabric as shown in FIG. 1.

FIG. 4 is a top plan view of the fabric of FIG. 1.

FIG. 5 is a rear elevation view of the fabric of FIG. 1.

FIG. 6 is a bottom plan view of the fabric of FIG. 1.

FIG. 7 is a front isometric of the fabric of FIG. 1 shown in a closed condition; and,

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

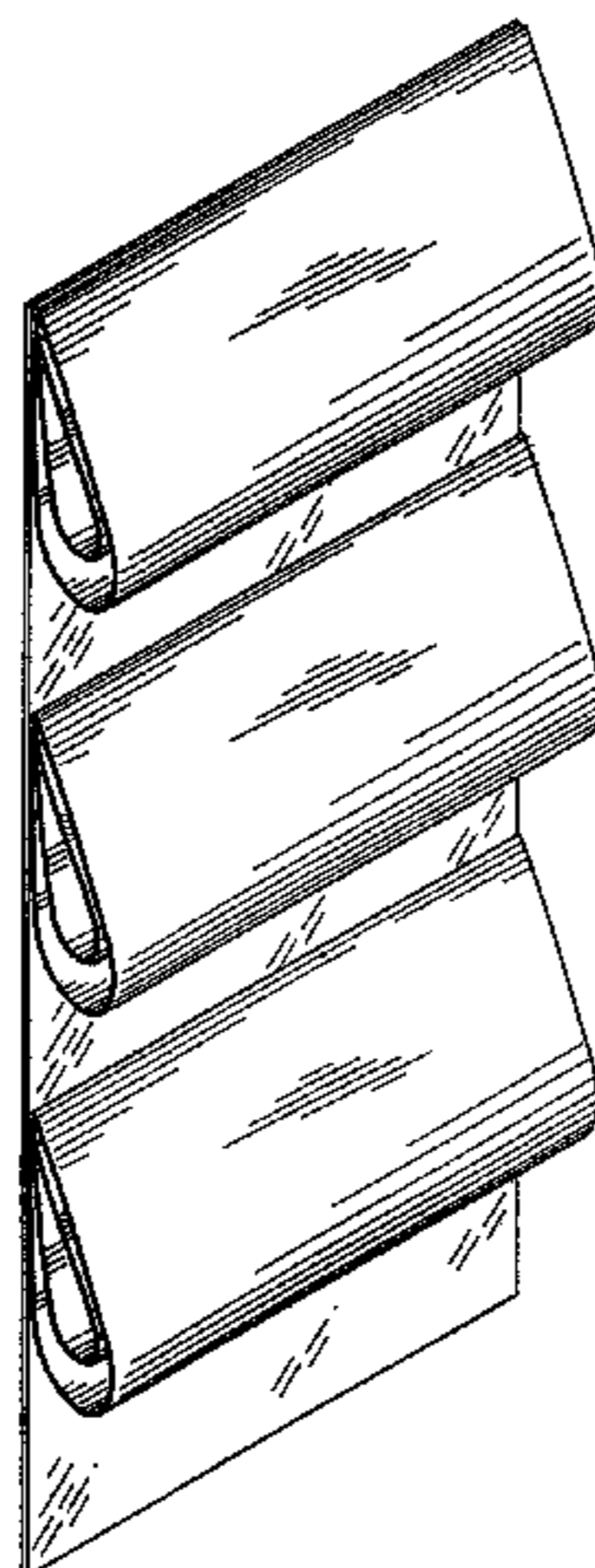
A front elevation of the fabric as shown in FIG. 7 is identical to that shown in FIG. 3

A rear elevation view of the fabric as shown in FIG. 7 is identical to that shown in FIG. 5.

A top plan view of the fabric as shown in FIG. 7 is identical to that shown in FIG. 4.

A bottom plan view of the fabric as shown in FIG. 7 is identical to that shown in FIG. 6.

1 Claim, 4 Drawing Sheets



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U.S. PATENT DOCUMENTS

| | | | | |
|-----------|-----|---------|-----------------|---------|
| 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 | Tomomura 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

| | | |
|----|-------------------|---------|
| 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 |

* cited by examiner

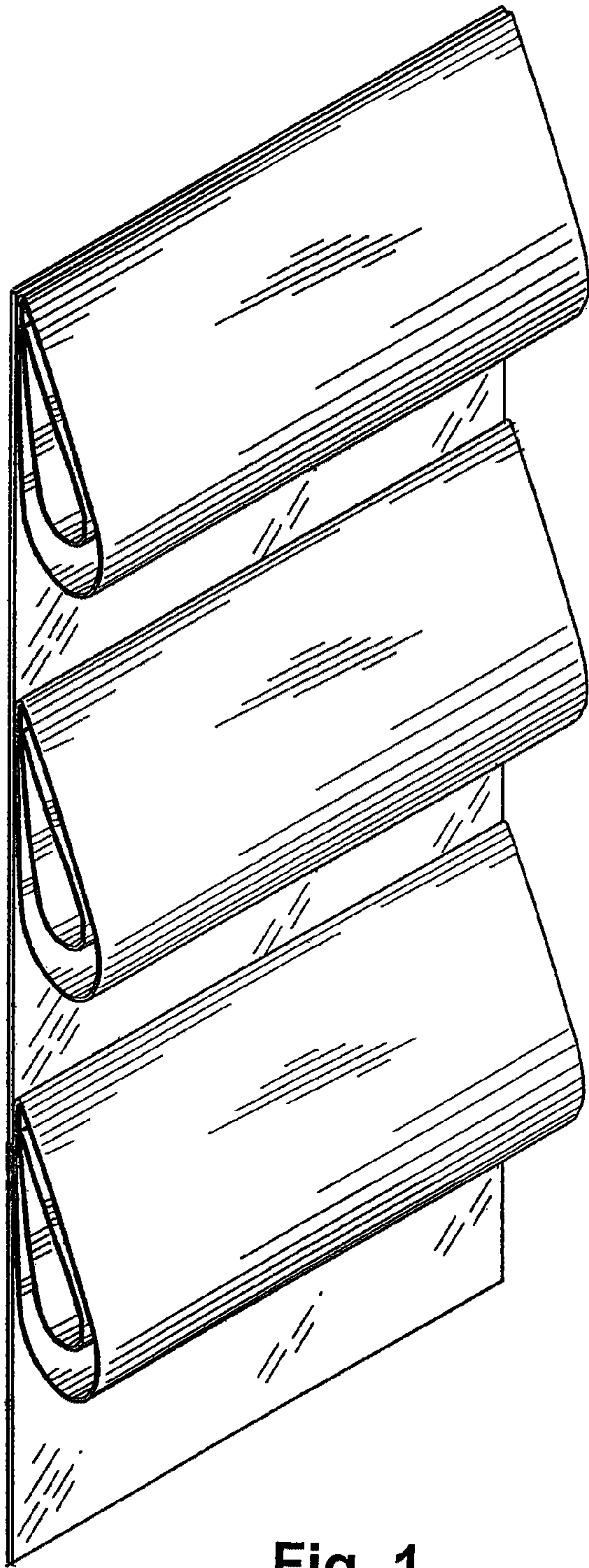


Fig. 1

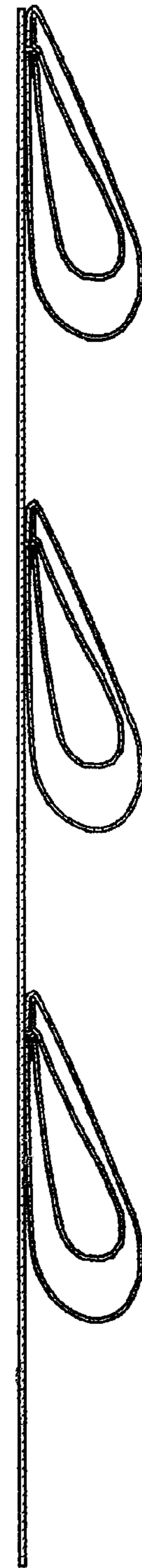


Fig. 2

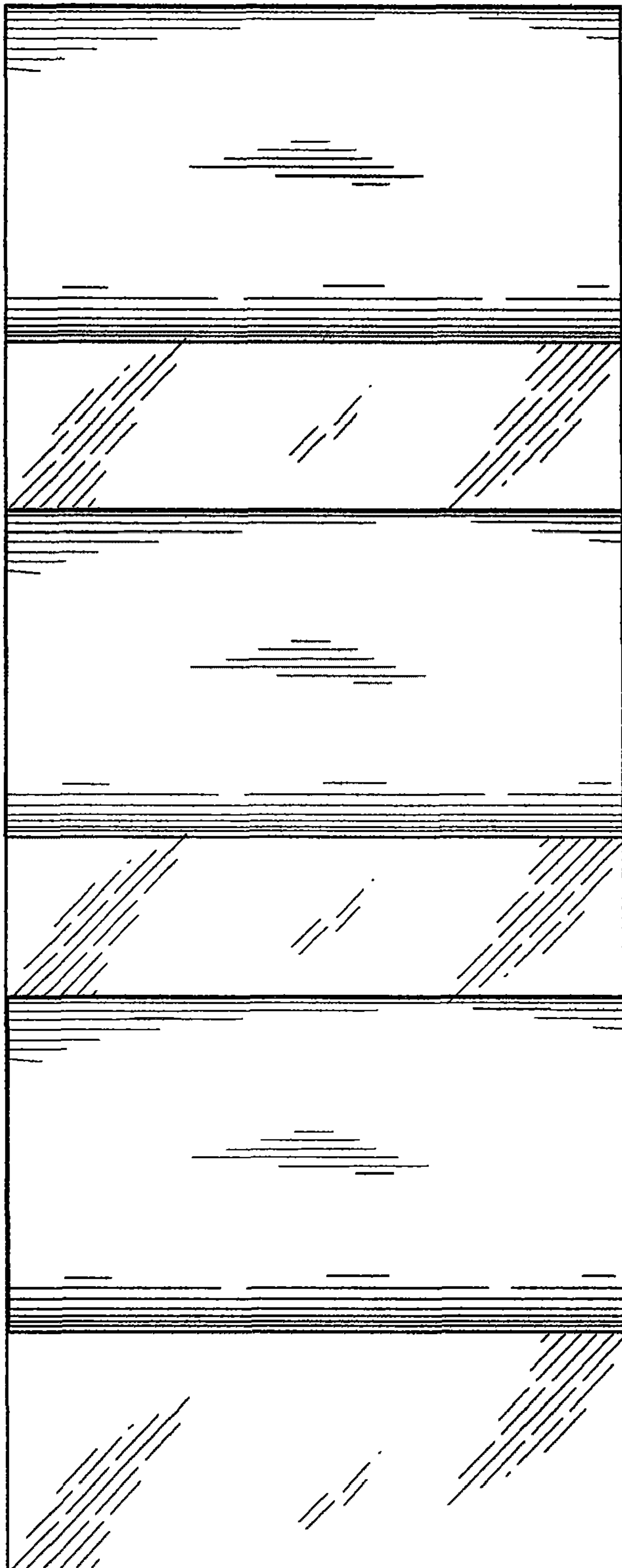


Fig. 3

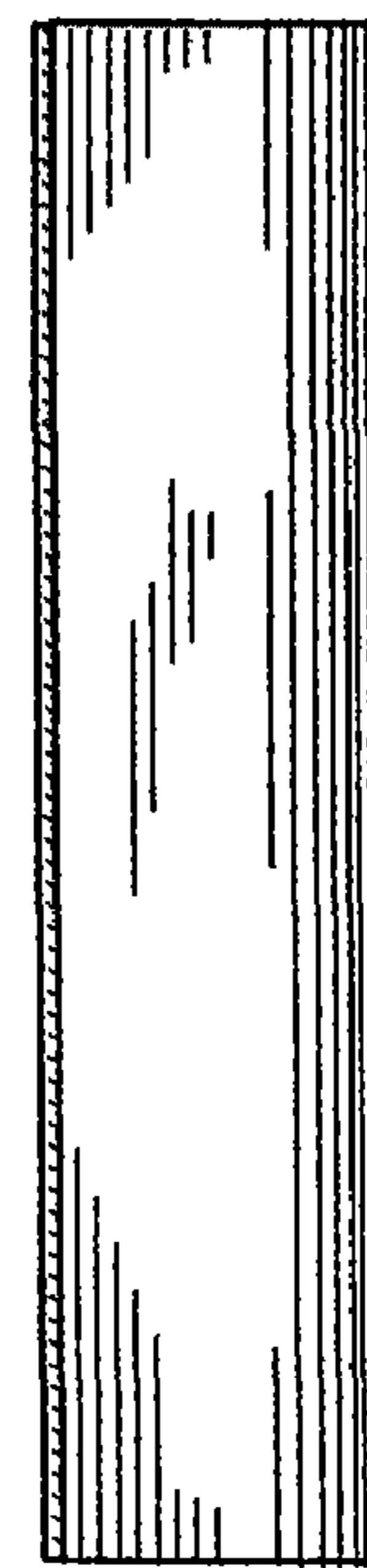


Fig. 4

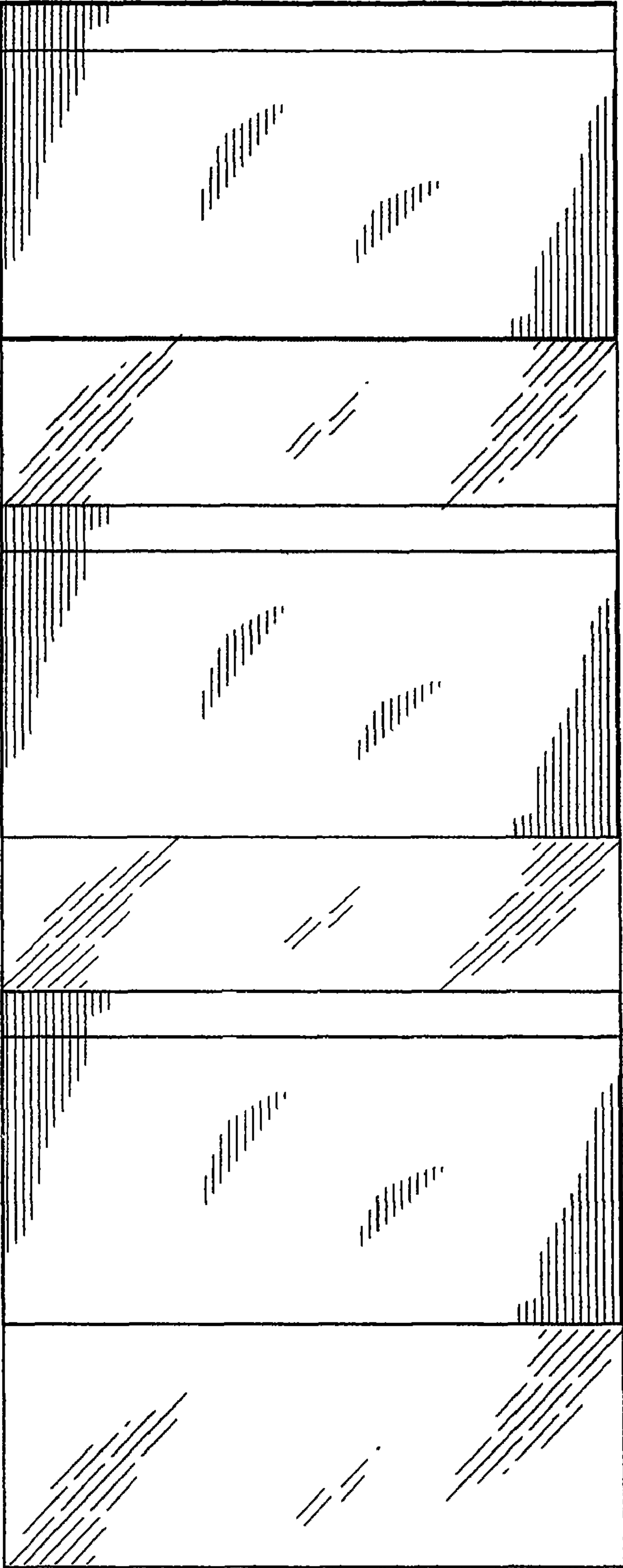


Fig. 5



Fig. 6

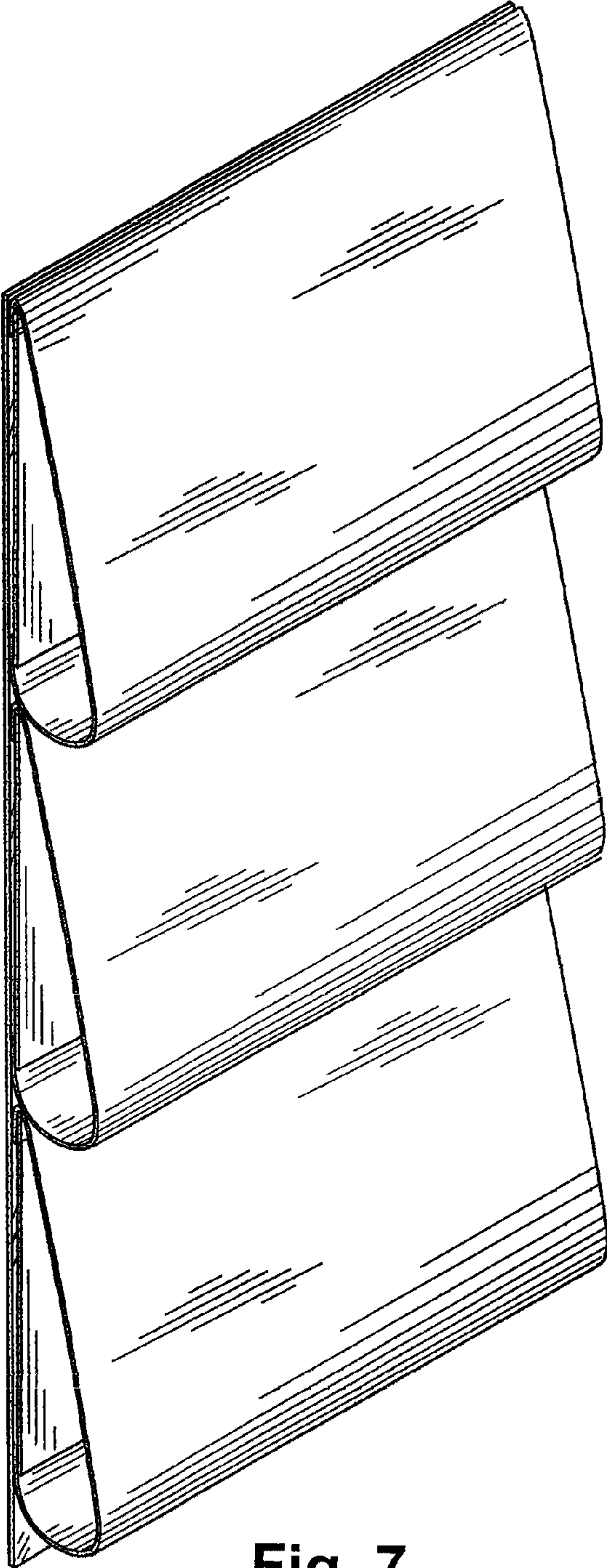


Fig. 7

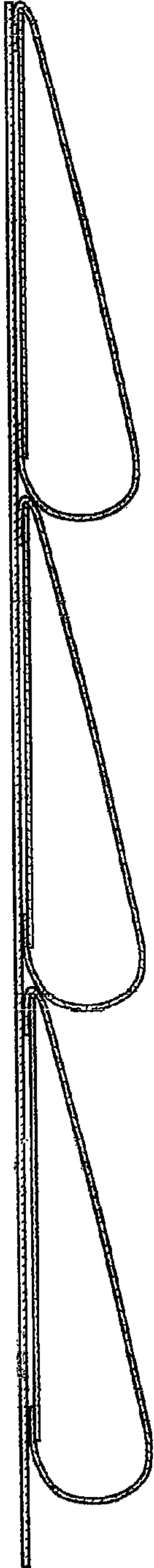


Fig. 8

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D632,493 S
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INVENTOR(S) : Wendell B. Colson et al.

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

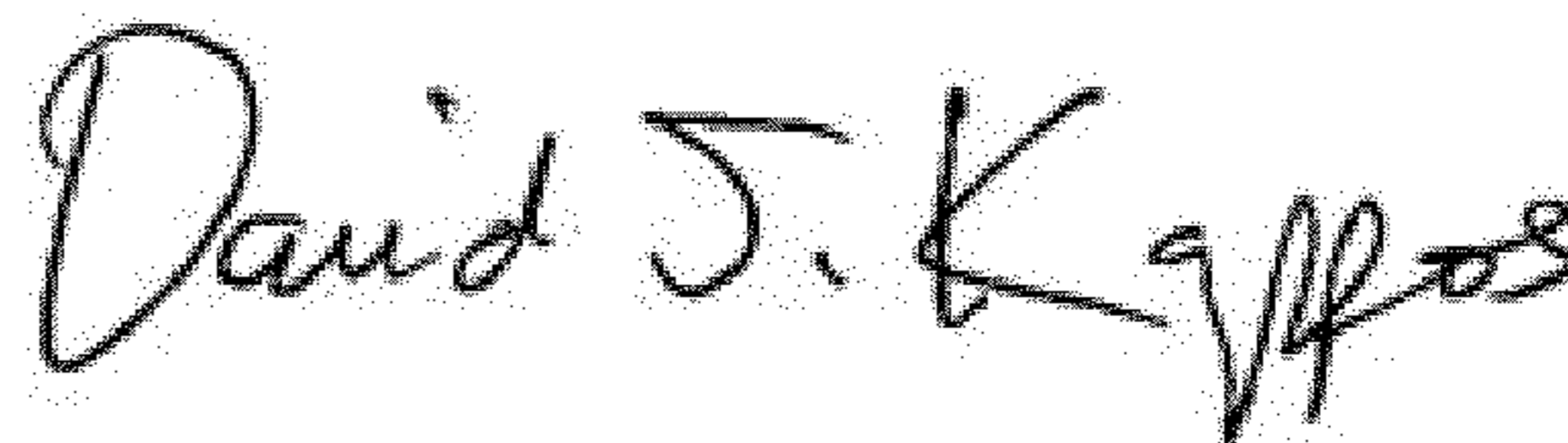
Title page, Related U.S. Application Data, Item (63) delete:

“Continuation of application No. 10/567,619, filed as application No.
PCT/US2004/027197 on Aug. 20, 2004, now Pat. No. 7,588,068”.

Title page, Related U.S. Application Data, Item (63) insert:

--Continuation of application No. 10/567,619 filed on February 8, 2006, now U.S. Patent
No. 7,588,068, which is a national stage entry of International application No.
PCT/US2004/027197 filed on August 20, 2004, which claims the benefit of U.S. provisional
application No. 60/497,020 filed on August 20, 2003--.

Signed and Sealed this
Tenth Day of July, 2012



David J. Kappos
Director of the United States Patent and Trademark Office