



US00D910487S

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

(10) **Patent No.:** **US D910,487 S**  
(45) **Date of Patent:** **\*\* Feb. 16, 2021**

(54) **RAILROAD TIE**

(71) Applicant: **voestalpine Railway Systems Nortrak Inc.**, Cheyenne, WY (US)

(72) Inventors: **Gary Click**, Birmingham, AL (US);  
**Matt Moore**, St. Louis, MO (US);  
**Brent Duffner**, Birmingham, AL (US);  
**Bradley Smith**, Birmingham, AL (US);  
**Derek Cameron**, Birmingham, AL (US)

(73) Assignee: **voestalpine Railway Systems Nortrak Inc.**, Cheyenne, WY (US)

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

(21) Appl. No.: **29/698,221**

(22) Filed: **Jul. 15, 2019**

(51) **LOC (13) Cl.** ..... **12-03**

(52) **U.S. Cl.**  
USPC ..... **D12/51**

(58) **Field of Classification Search**

USPC ..... D1/100; D12/1, 16.1, 26-37, 40, 42, 48,  
D12/51; D15/199; D18/56;  
D21/484-485; D25/113-116, 118;  
D28/8.1; D32/40; D34/12, 23, 28, 34;  
D8/330-336, 343-345, 349, 394, 396;  
70/2, 4, 7, 14, 18-19, 27, 51, 72-75,  
70/225-229

CPC .. B61F 3/00; B60L 2200/26; B29C 66/82263;  
E05Y 2900/51; E05F 15/565; B61D  
19/02; B60N 5/00; B61C 3/00; B61C  
7/00; E01B 3/00; B65G 1/065

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

530,778 A \* 12/1894 Ingersoll ..... E01B 3/16  
238/30  
955,645 A 4/1910 Holden  
1,297,828 A \* 3/1919 Gerber ..... E01B 3/32  
238/85  
1,365,550 A 1/1921 Schmitt  
(Continued)

**FOREIGN PATENT DOCUMENTS**

BE 1014215 A3 6/2003  
CN 204059107 U 12/2014

(Continued)

**OTHER PUBLICATIONS**

Evertrak A Revolutionary Product, [www.evertrak.com](http://www.evertrak.com) [online].  
Published on or before Jun. 27, 2020, [retrieved on Jun. 27, 2020].  
Retrieved from the Internet: <URL:<https://www.evertrak.com/>> (Year:  
2020).\*

*Primary Examiner* — Michael A. Pratt

*Assistant Examiner* — Adam C Mager

(74) *Attorney, Agent, or Firm* — Lowe Graham Jones  
PLLC

(57) **CLAIM**

The ornamental design for a railroad tie, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a railroad tie showing the new design;

FIG. 2 is a perspective view thereof, rotated 90°;

FIG. 3 is a top view thereof;

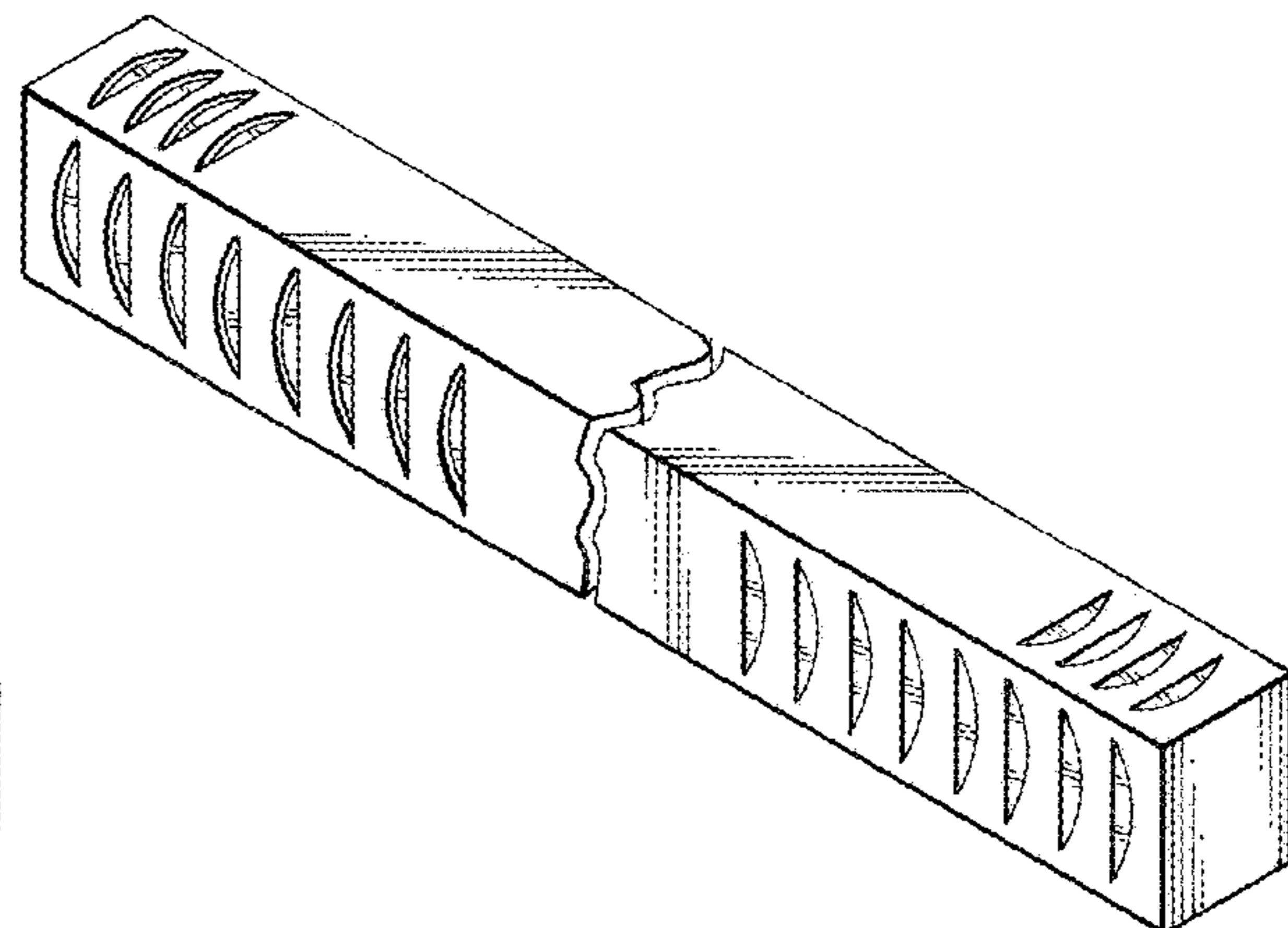
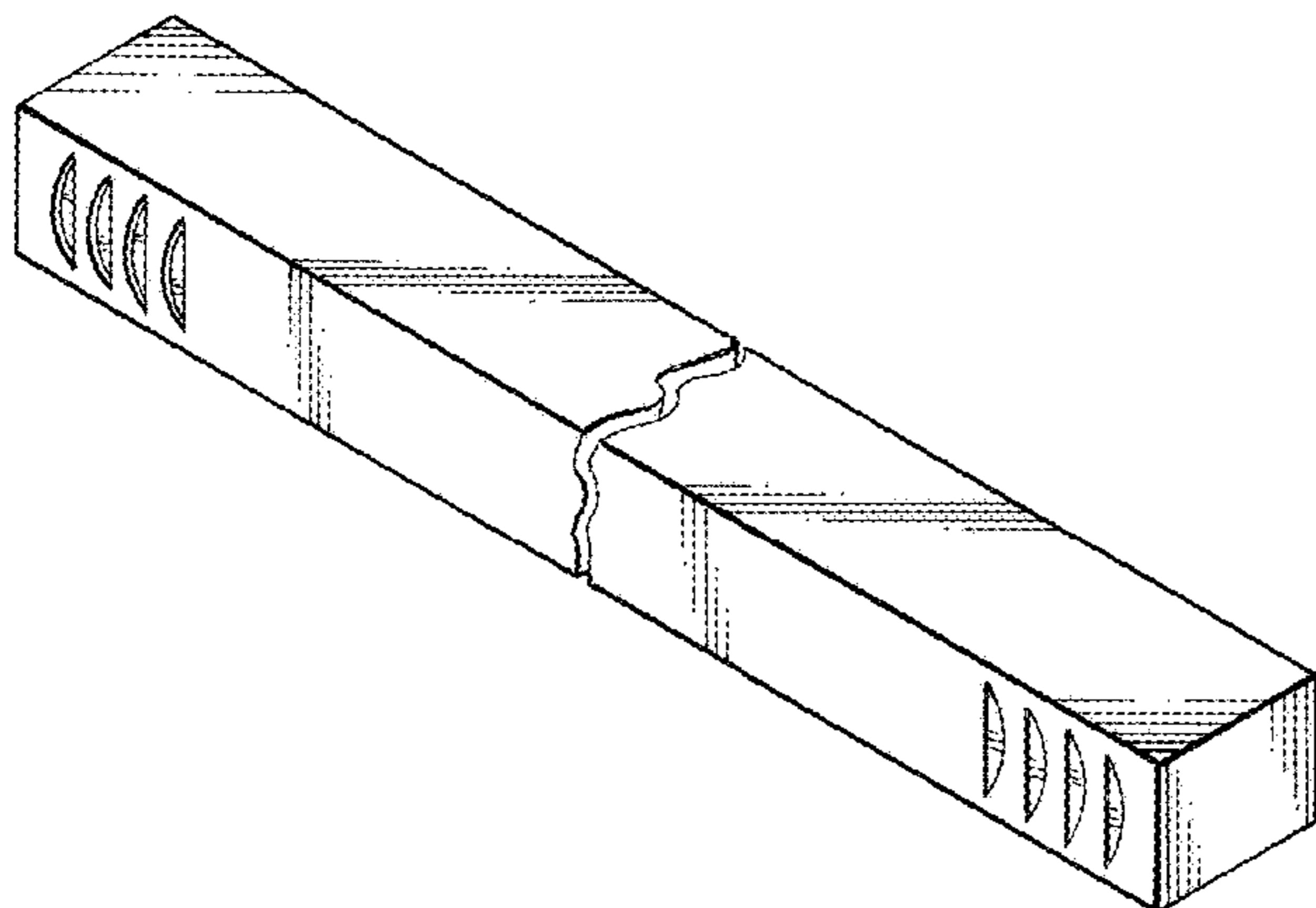
FIG. 4 is a side view thereof, the opposite side being identical;

FIG. 5 is a bottom view thereof; and,

FIG. 6 is an end view thereof, the opposite end being identical.

The broken away symbols in the drawings indicate the appearance of any portion of the article between the break lines forms no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

1,720,473 A \* 7/1929 Habicht ..... E01B 3/32  
238/30  
1,824,776 A 9/1931 Hadley  
1,888,287 A 11/1932 Prot  
2,051,619 A 8/1936 Reis  
2,128,530 A \* 8/1938 Hadley ..... E01B 9/18  
238/84  
4,925,094 A 5/1990 Buekett  
5,104,039 A 4/1992 Oestmann  
D345,119 S \* 3/1994 Cox ..... D12/51  
5,569,424 A 10/1996 Amour  
5,605,282 A \* 2/1997 Snead ..... E01B 3/46  
238/109  
5,789,477 A 8/1998 Nosker et al.  
5,799,870 A \* 9/1998 Bayer ..... B29C 48/157  
238/84  
5,886,078 A 3/1999 Sullivan et al.  
5,916,932 A 6/1999 Nosker et al.  
5,952,072 A 9/1999 Colby et al.  
6,021,958 A \* 2/2000 Smith ..... E01B 3/44  
238/83  
6,045,052 A 4/2000 Besenschek

6,247,651 B1 \* 6/2001 Marinelli ..... B29B 17/0042  
238/84  
7,314,182 B2 1/2008 Little et al.  
8,366,015 B2 \* 2/2013 Van Belkom ..... E01B 3/44  
238/83  
9,121,138 B2 9/2015 Nosker et al.  
9,714,486 B2 \* 7/2017 Van Belkom ..... E01B 3/44  
2005/0156055 A1 \* 7/2005 Kenney ..... E01B 3/44  
238/84  
2007/0187522 A1 \* 8/2007 Kirchmer ..... B29C 45/14819  
238/84

FOREIGN PATENT DOCUMENTS

CN 106638170 A 5/2017  
CN 107460792 A 12/2017  
JP H06272202 A 9/1994  
JP H07150501 A 6/1995  
JP H1143901 A 2/1999  
JP 2002167701 A 6/2002  
JP 2006328731 A 12/2006  
JP 2017227117 A 12/2017  
WO 2013/082679 A1 6/2013

\* cited by examiner

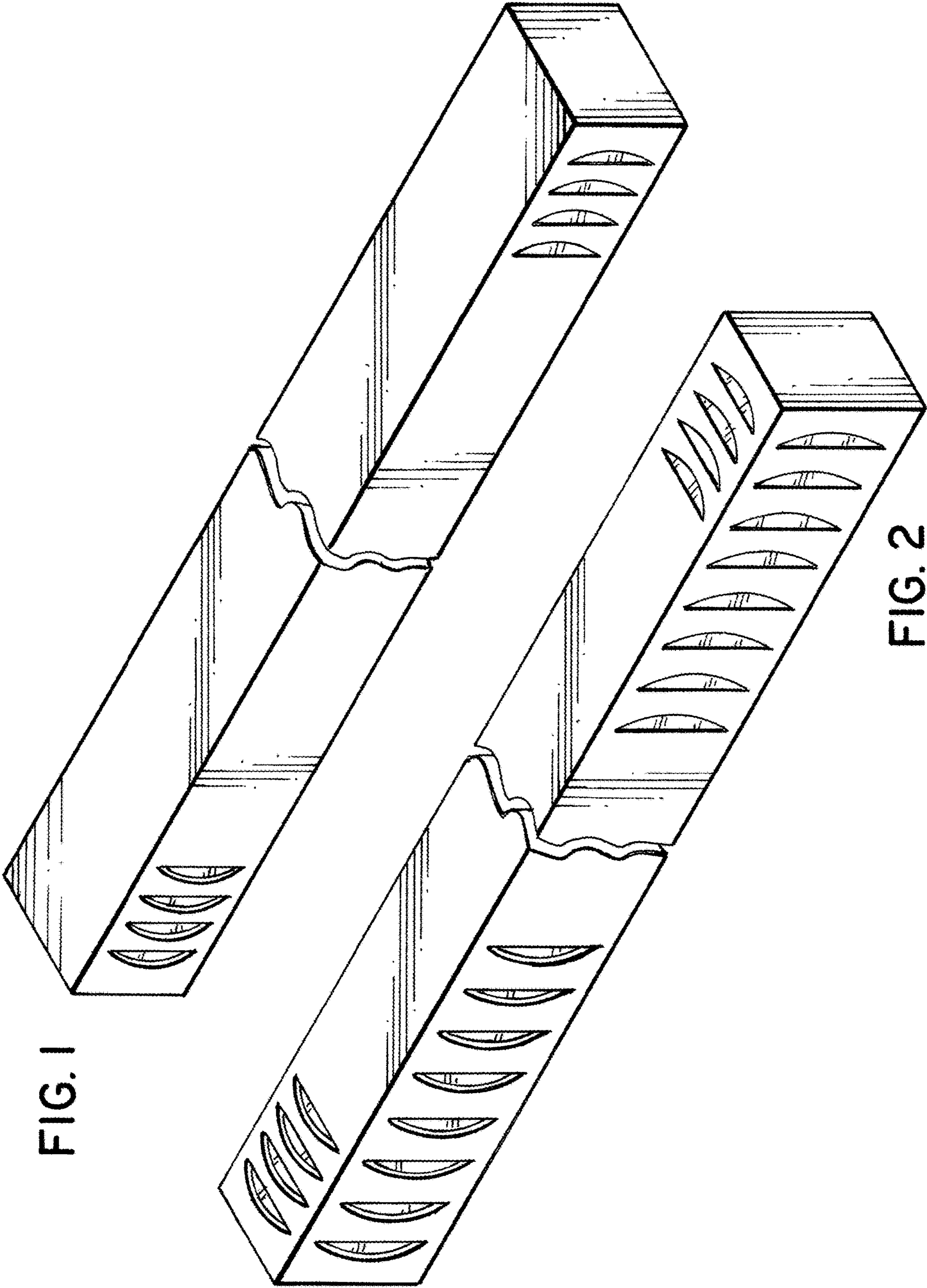


FIG. 1

FIG. 2

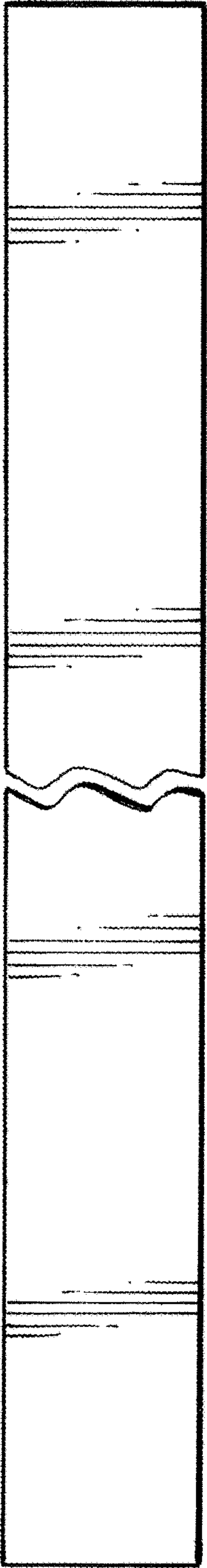


FIG. 3

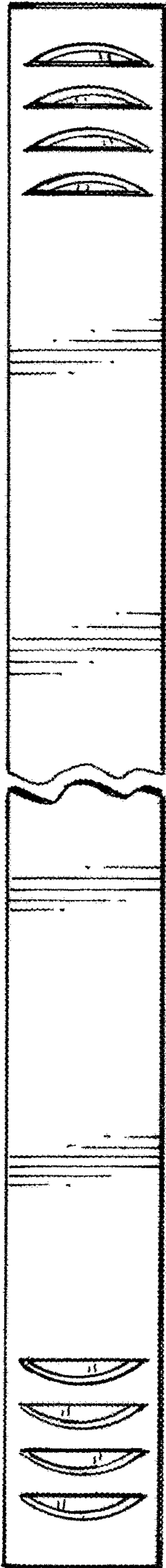


FIG. 4

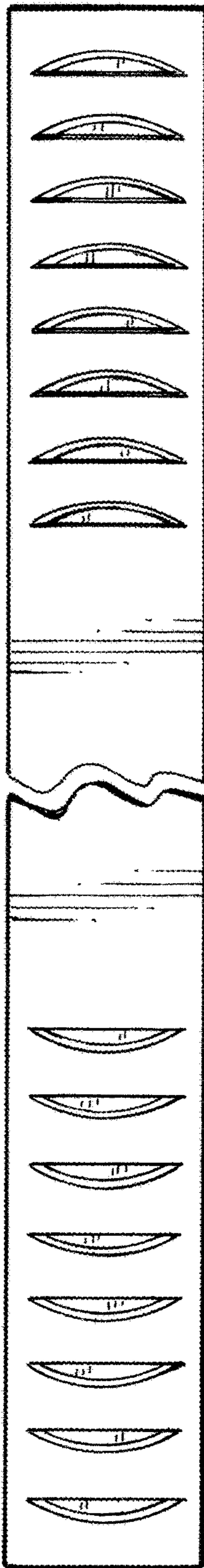


FIG. 5

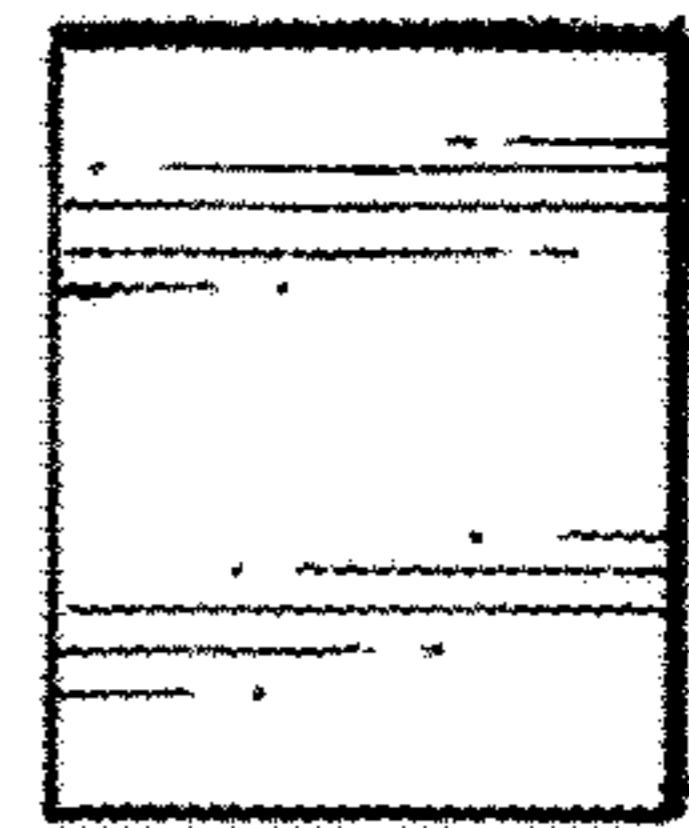


FIG. 6