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Boehm et al.

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(54) **ALTERNATING SEAL PATTERN FOR RETROREFLECTIVE TRIM**

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/172,340**

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(51) **LOC (7) Cl. 05-06**

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

(58) **Field of Search** D5/1, 2, 3, 7, D5/8, 11, 19, 20, 23, 25, 30, 32, 41, 45, 46, 47, 49, 50, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 99; D2/749, 994; D6/582, 583, 595, 596, 598, 603, 604, 605, 608, 613, 616, 617, 622; D24/124, 125; D25/142, 152; 428/17, 18, 151, 154, 156, 171, 187, 198, 199, 540, 542.2, 542.6, 904.4, 919; 5/413 AM, 709; D7/396.4, 396.5; 162/134, 231, 140; 156/209, 148

(56) **References Cited**

U.S. PATENT DOCUMENTS

D12,296 S	*	6/1881	Einstein	.....	D5/49
D162,684 S	*	3/1951	Oppenheimer	.....	D5/7
D168,147 S	*	11/1952	Delano	.....	D5/7
D198,155 S	*	5/1964	Dozier	.....	D5/7
D200,944 S	*	4/1965	Lyon	.....	D5/7
D202,684 S	*	10/1965	Rowland	.....	D5/7
D383,312 S		9/1997	Nestegard et al.		
D397,555 S	*	9/1998	Nestegard et al.	.....	D5/7

OTHER PUBLICATIONS

Reflexite Trim—Exhibit A, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit B, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit C, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit D, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit E, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit F, prior to Dec. 9, 2001.

(List continued on next page.)

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(57) **CLAIM**

The ornamental design for an alternating seal pattern for retroreflective trim, as shown and described.

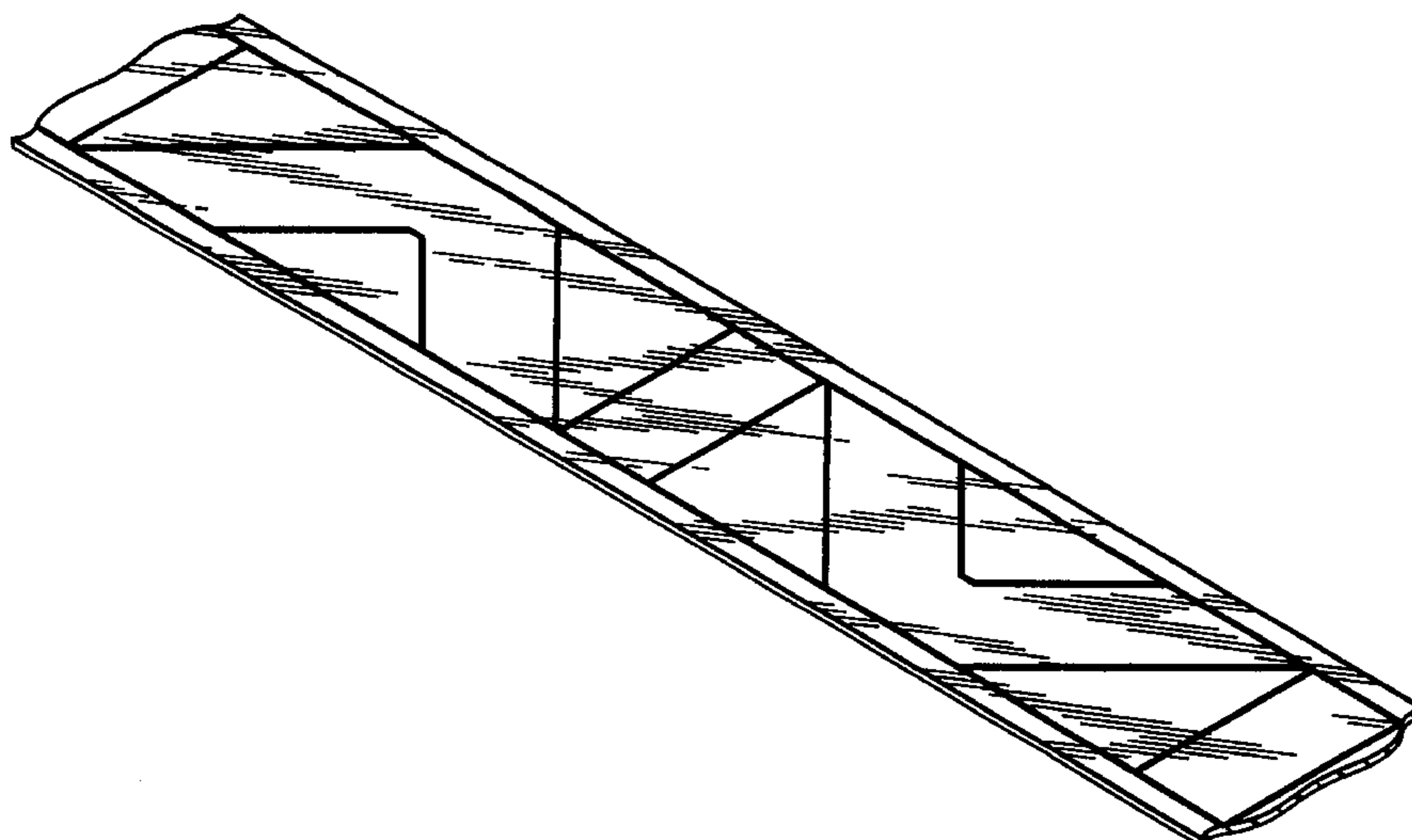
DESCRIPTION

The present invention is a new and ornamental design for an alternating seal pattern applied to a strip of retroreflective material, which strip of retroreflective material is referred to herein as retroreflective trim. The seal pattern can be an artifact of localized melting (e.g. by known radio frequency welding, ultrasonic welding, or hot can processes) two components of the retroreflective material together—a retroreflective sheeting and a separate seal film—to form sealed cells that protect minute retroreflective elements on the retroreflective sheeting.

FIG. 1 is a perspective view of an alternating seal pattern for retroreflective trim, showing our new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a side view thereof; and,
FIG. 5 is an end view thereof.

The breakaway lines at the end of the depicted retroreflective trim indicate that the length of the trim is not limited, it being understood that the ornamental seal pattern can repeat along such length.

1 Claim, 1 Drawing Sheet



OTHER PUBLICATIONS

Reflexite Trim—Exhibit G, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit H, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit I, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit J, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit K, prior to Dec. 9, 2001.

Reflexite Trim—Exhibit L, prior to Dec. 9, 2001.
Reflexite Trim—Exhibit M, prior to Dec. 9, 2002.
Reflexite Trim—Exhibit N, prior to Dec. 9, 2002.
Reflexite Trim—Exhibit O, prior to Dec. 9, 2001.

* cited by examiner

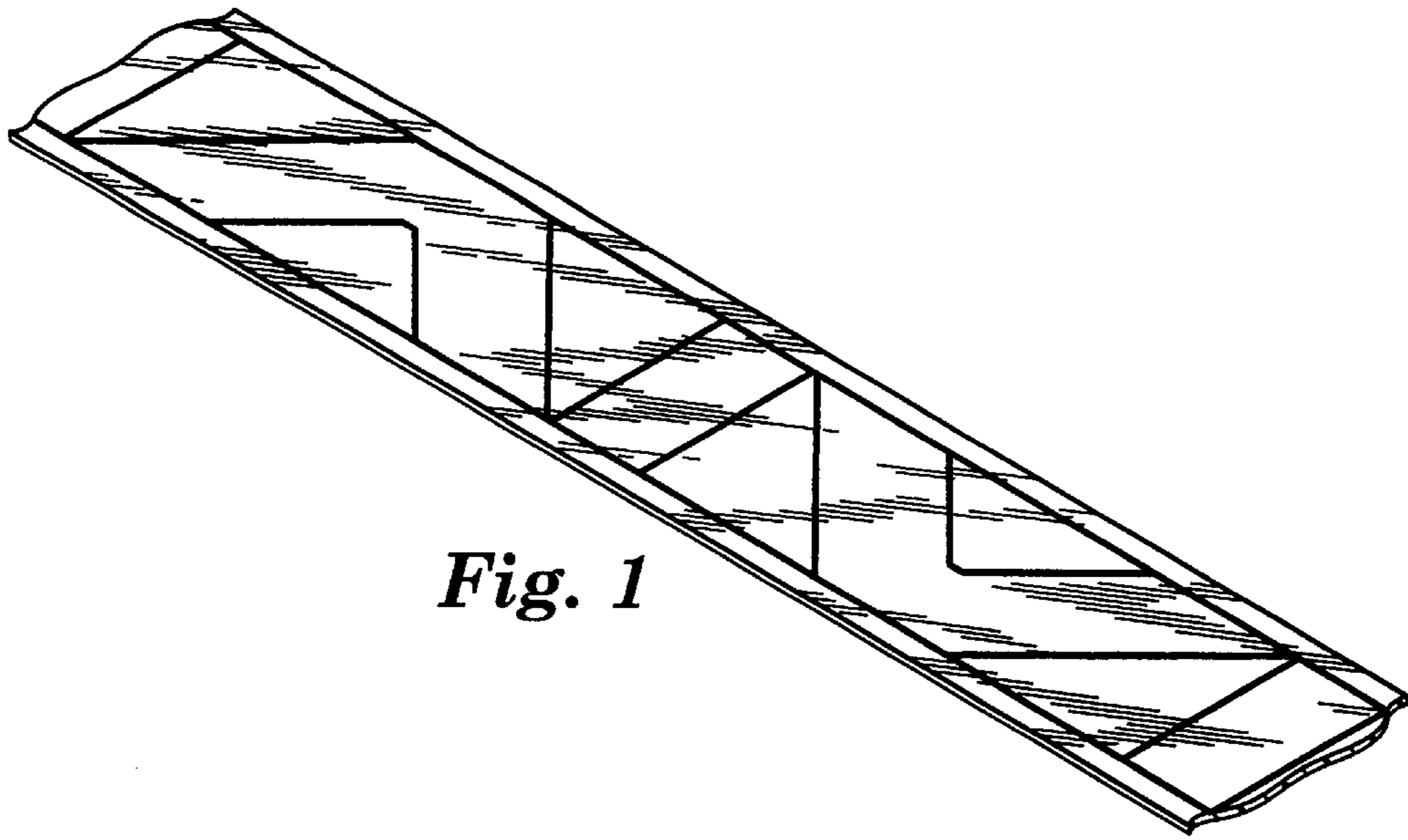


Fig. 1

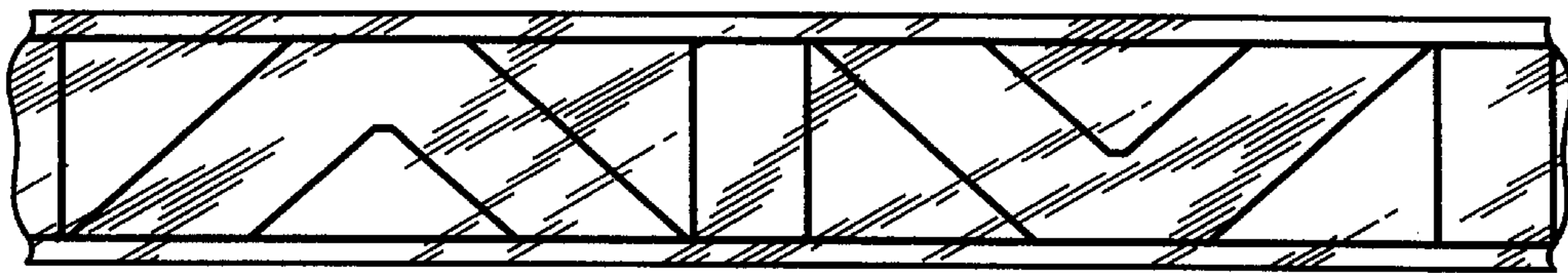


Fig. 2

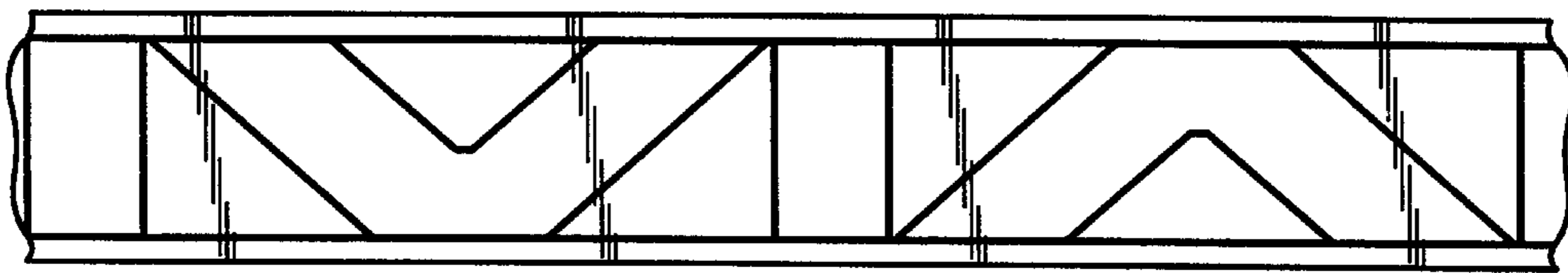


Fig. 3



Fig. 4



Fig. 5