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United States Patent [19]

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Yoshida et al.

[45] Date of Patent: **** Nov. 3, 1992**

[54] **FIN FOR USE IN A FIN AND TUBE HEATING EXCHANGER IN AN AIR CONDITIONER**

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|------------|---------|----------------------|---------|
| D. 317,500 | 6/1991 | Ueda | D23/386 |
| 2,977,918 | 4/1961 | Kritzer | 165/150 |
| 4,709,753 | 12/1987 | Reifel | 165/182 |
| 4,723,600 | 2/1988 | Yokoyama et al. | 165/150 |
| 4,832,117 | 5/1989 | Kato et al. | 165/182 |

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[**] Term: **14 Years**

[57] CLAIM

[21] Appl. No.: **314,840**

The ornamental design for a fin for use in a fin and tube heat exchanger in an air conditioner, as shown and described.

[22] Filed: **Feb. 24, 1989**

[30] Foreign Application Priority Data

Oct. 24, 1988 [JP] Japan 63-41700

DESCRIPTION

[52] U.S. Cl. **D23/386; D23/323**

FIG. 1 is a front elevational view of a fin for use in a fin and tube heat exchanger in an air conditioner, showing our new design;

[58] Field of Search D23/323, 386, 354, 499; 165/150, 182

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a top plan view thereof, the bottom being a mirror image of that shown; and,

FIG. 6 is a cross-sectional view thereof taken on line 6—6 of FIG. 1.

[56] References Cited

U.S. PATENT DOCUMENTS

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| D. 221,853 | 9/1971 | Kimura | D23/386 |
| D. 302,853 | 8/1989 | Takahashi et al. | D23/386 |

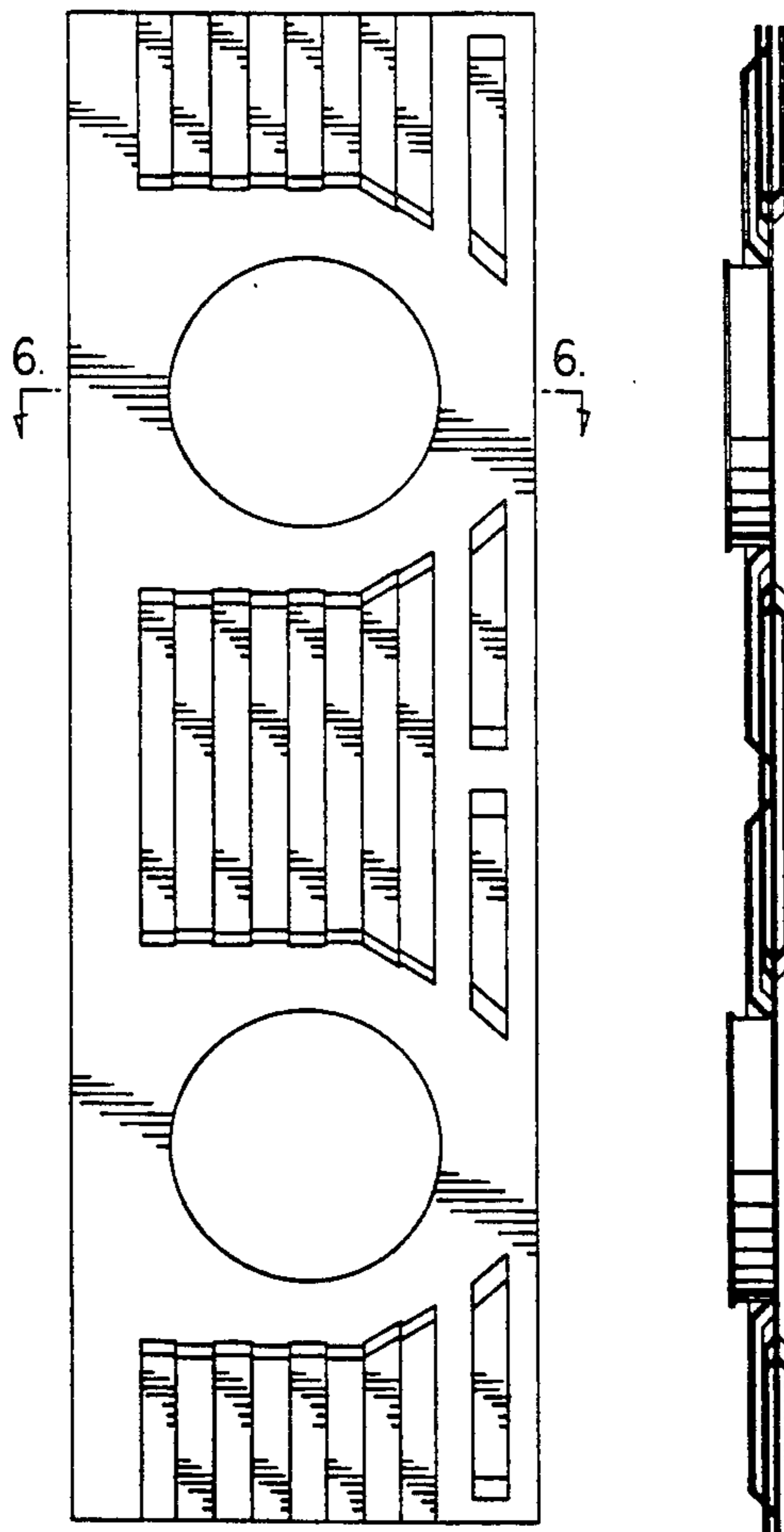


FIG. 1

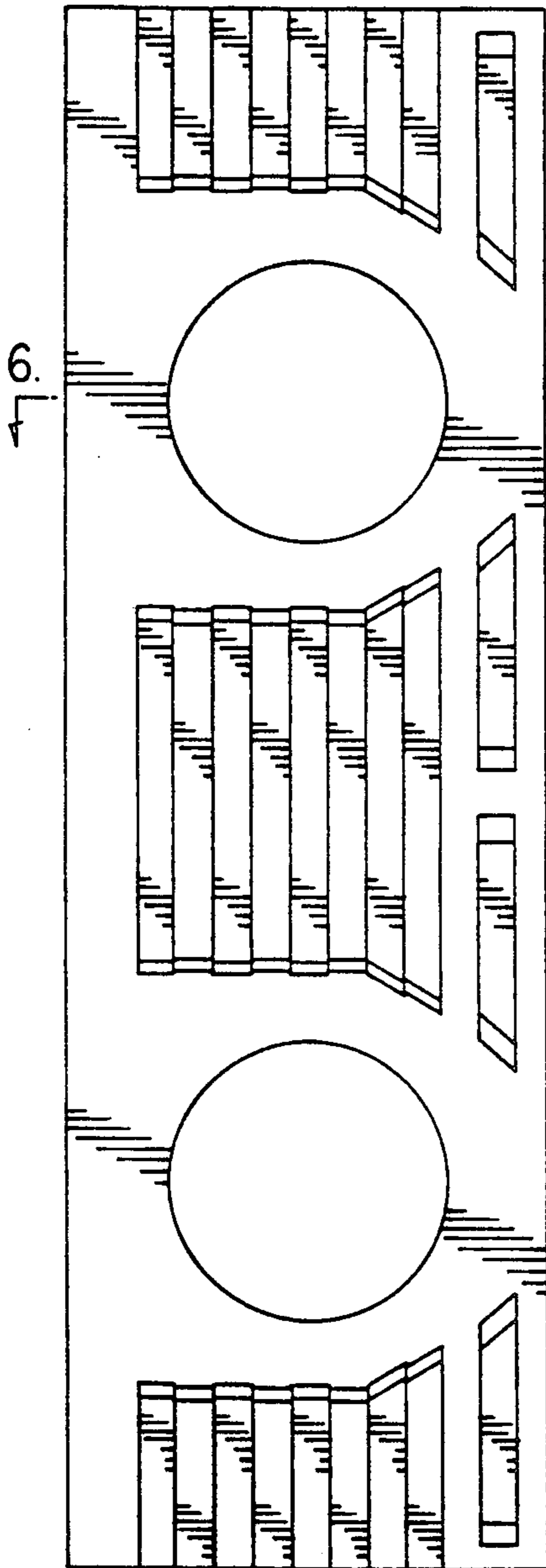


FIG. 2

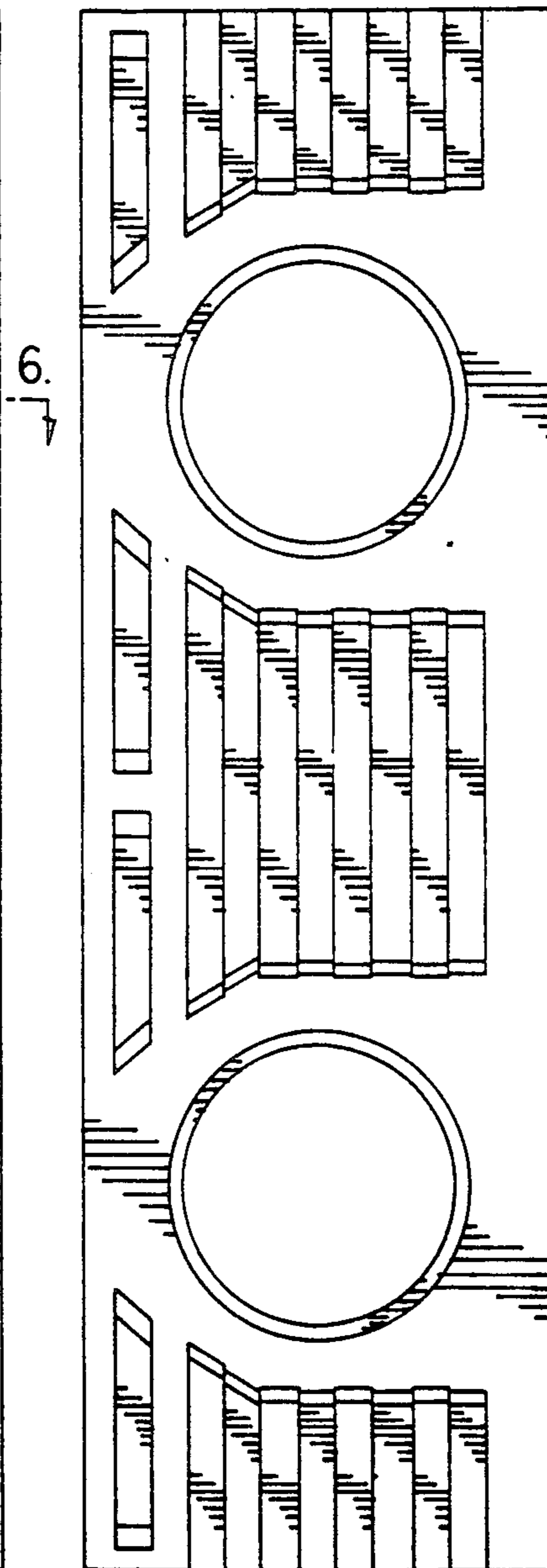


FIG. 3



FIG. 4

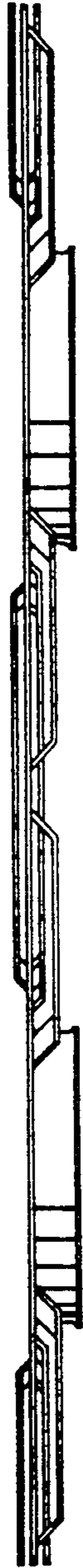


FIG. 5



FIG. 6

