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# United States Patent [19]

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Safford et al.

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[54] **PLATE VALVE SPRING**

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both of Quincy, Ill.

[73] Assignee: **Cooper Industries, Inc.,** Houston,  
Tex.

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

[21] Appl. No.: **460,720**

[22] Filed: **Jan. 4, 1990**

[52] U.S. Cl. .... **D23/249**

[58] Field of Search ..... **D23/233-237,**  
**D23/244-249; 137/516.13-516.27; 251/368**

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### [57] CLAIM

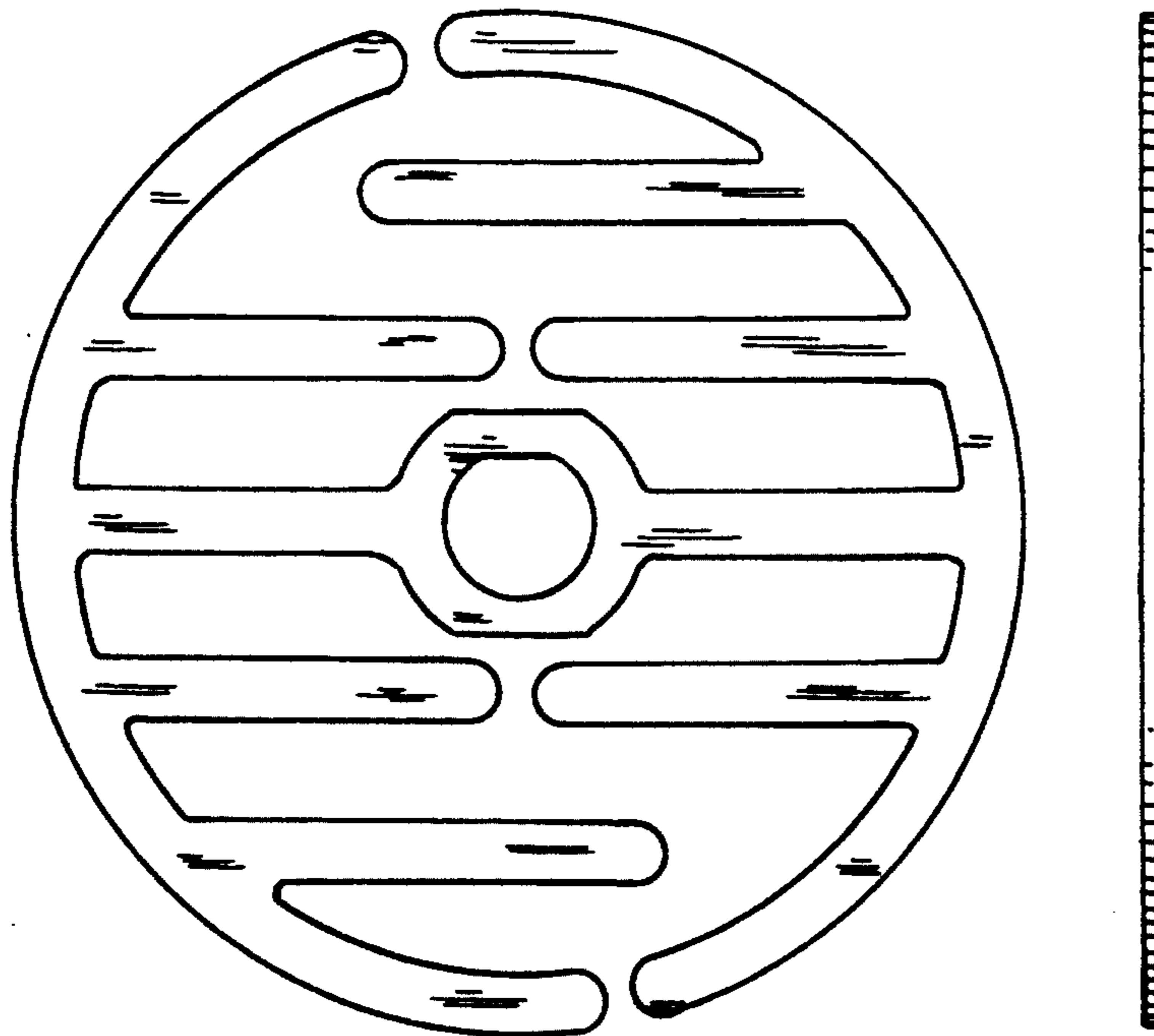
The ornamental design for a plate valve spring, as shown and described.

### DESCRIPTION

FIG. 1 is a top plan view of a plate valve spring showing our new design;  
 FIG. 2 is a left side elevational view thereof;  
 FIG. 3 is a right side elevational view thereof;  
 FIG. 4 is a rear elevational view thereof;  
 FIG. 5 is a front elevational view thereof; and,  
 FIG. 6 is a bottom plan view thereof.

[56] **References Cited**  
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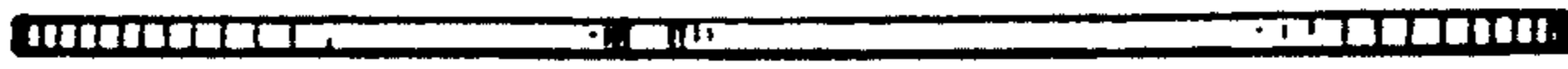


FIG.4



FIG.2

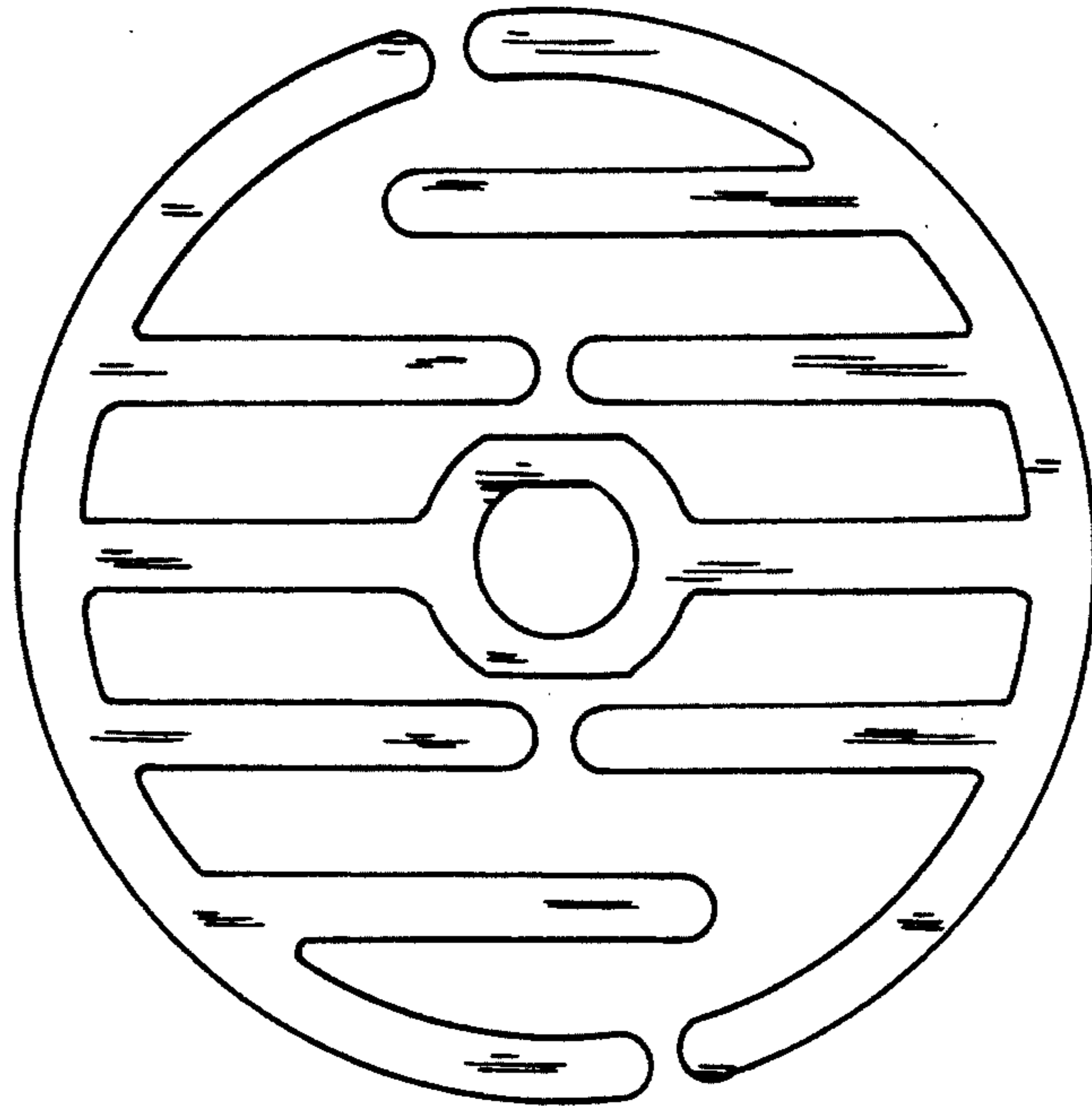


FIG.1



FIG.3

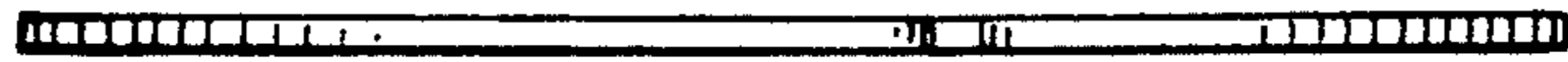


FIG.5

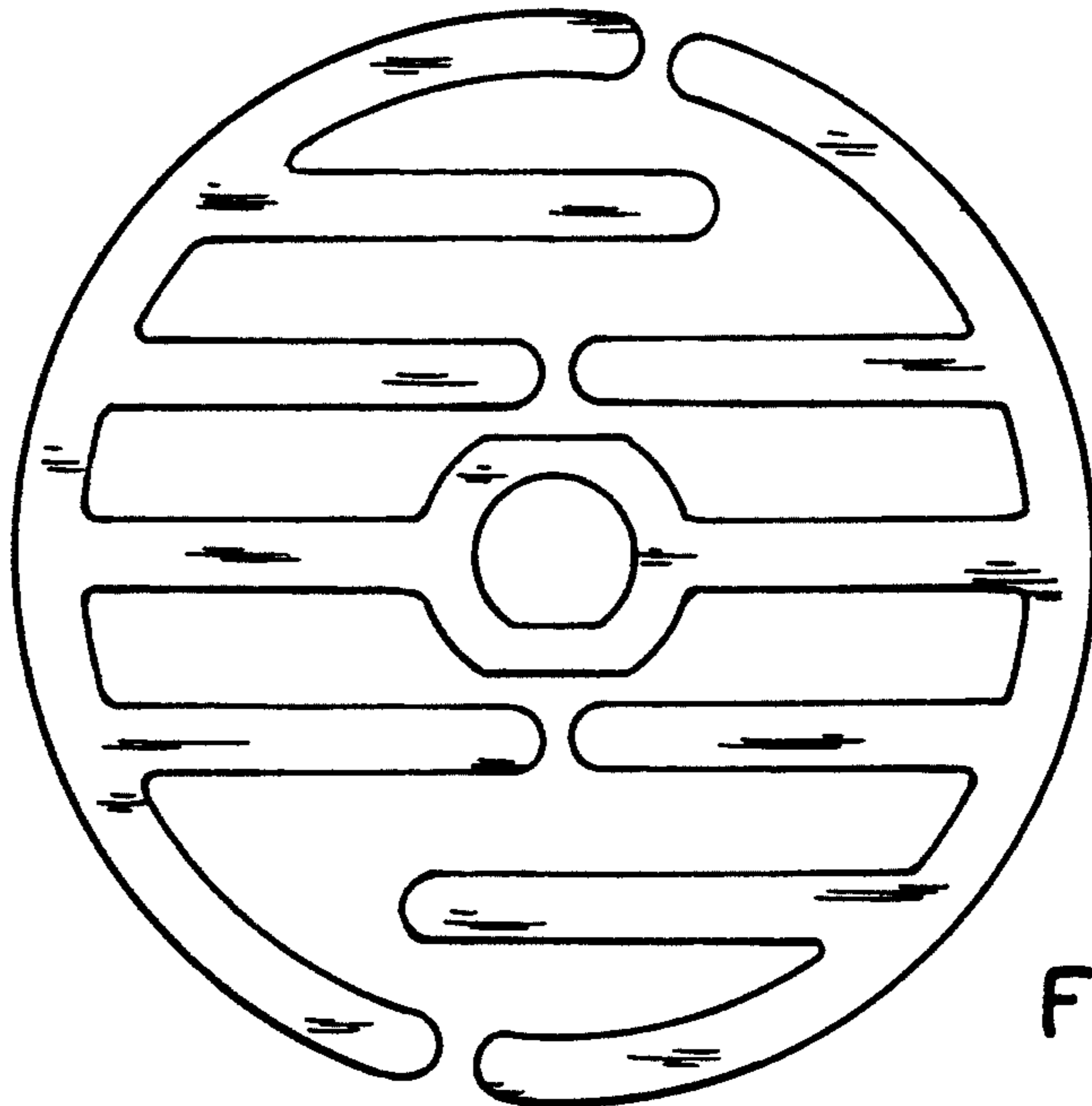


FIG.6