

# United States Patent [19]

Yuen

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[54] **MINI CAR VACUUM CLEANER**

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[73] Assignee: **John Manufacturing Limited,  
Kowloon, Hong Kong**

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

[21] Appl. No.: **110,439**

[22] Filed: **Oct. 20, 1987**

[30] **Foreign Application Priority Data**

Jul. 2, 1987 [GB] United Kingdom ..... 1043188

[52] U.S. Cl. .... **D32/18**

[58] Field of Search ..... D32/17, 18, 21, 22;  
15/329, 344, 350, 351

[56] **References Cited**

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Minnich & McKee

[57] **CLAIM**

The ornamental design for a mini car vacuum cleaner,  
as shown and described.

## DESCRIPTION

FIG. 1 is a top plan view of a mini car vacuum cleaner  
showing my new design;

FIG. 2 is a right side elevational view thereof, the oppo-  
site side being a mirror image;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof; and

FIG. 6 is a top, front and side perspective view thereof.

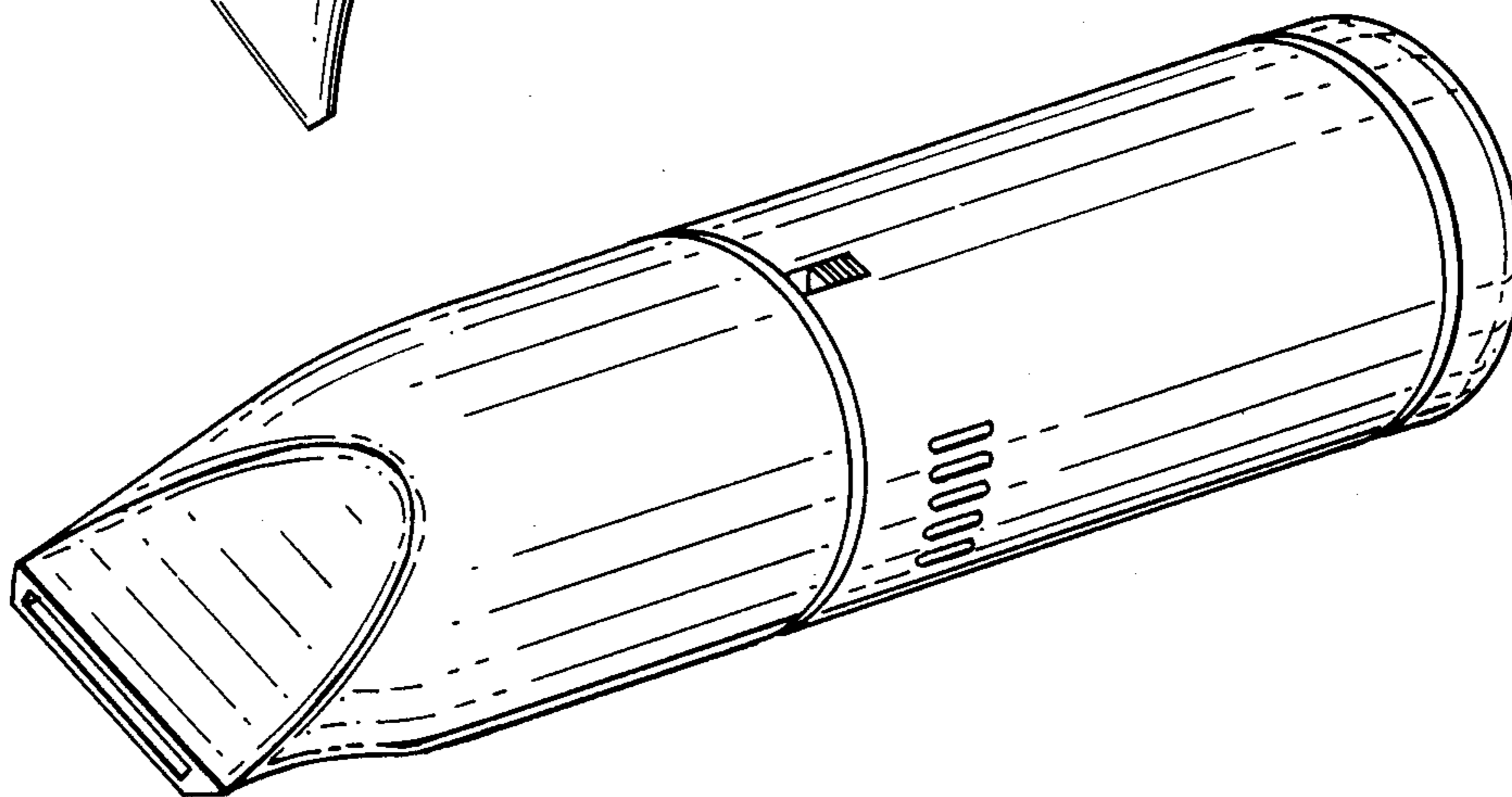
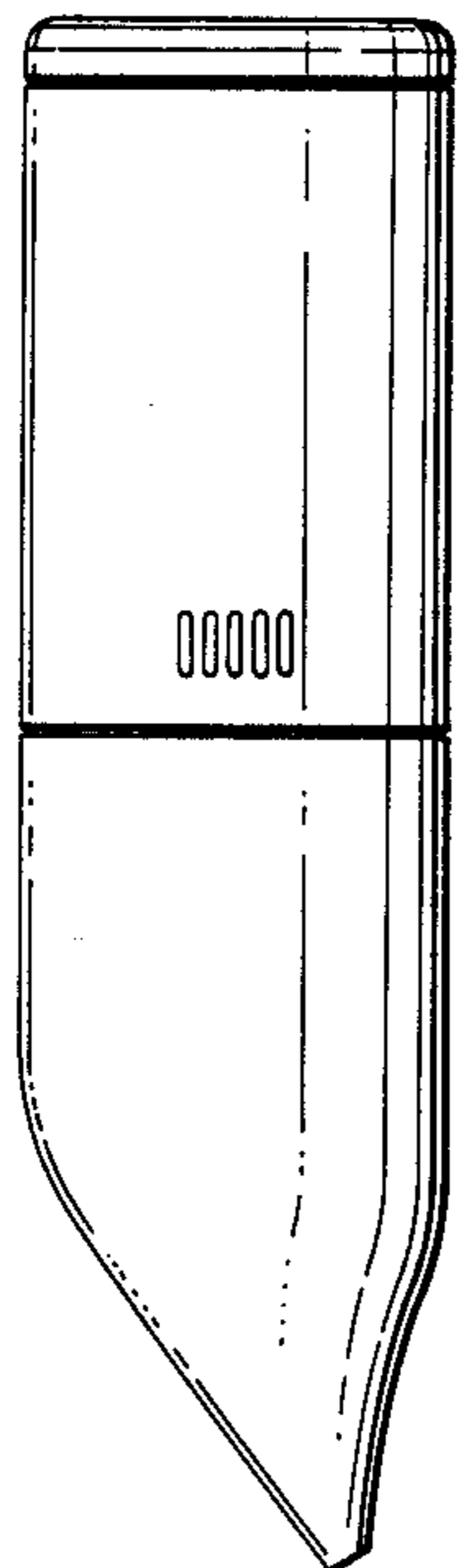


Fig. 1.

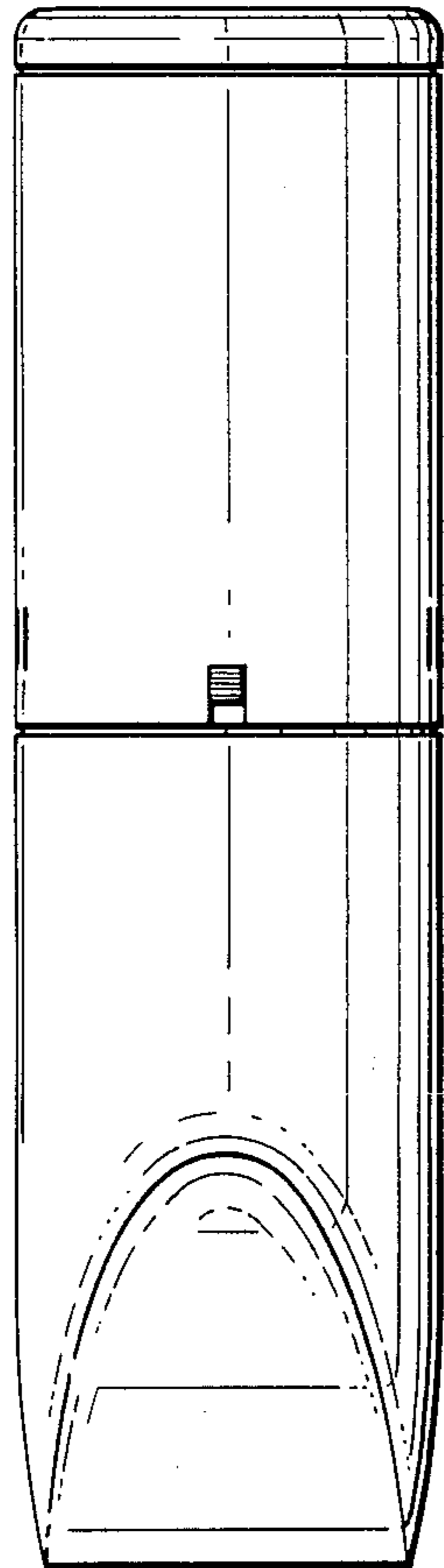


Fig. 2.

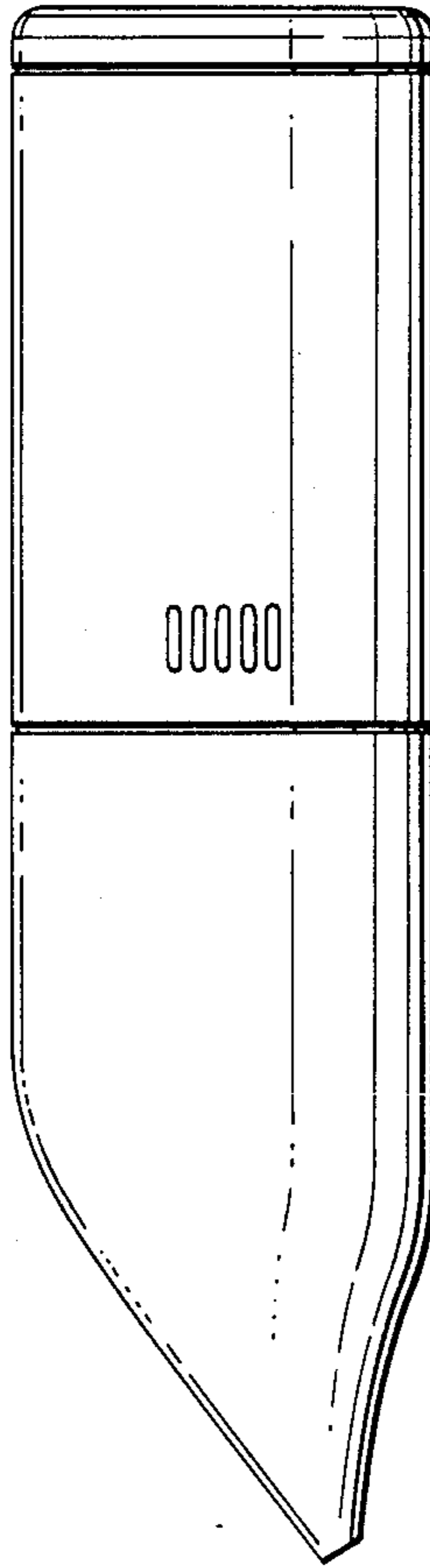


Fig. 3.

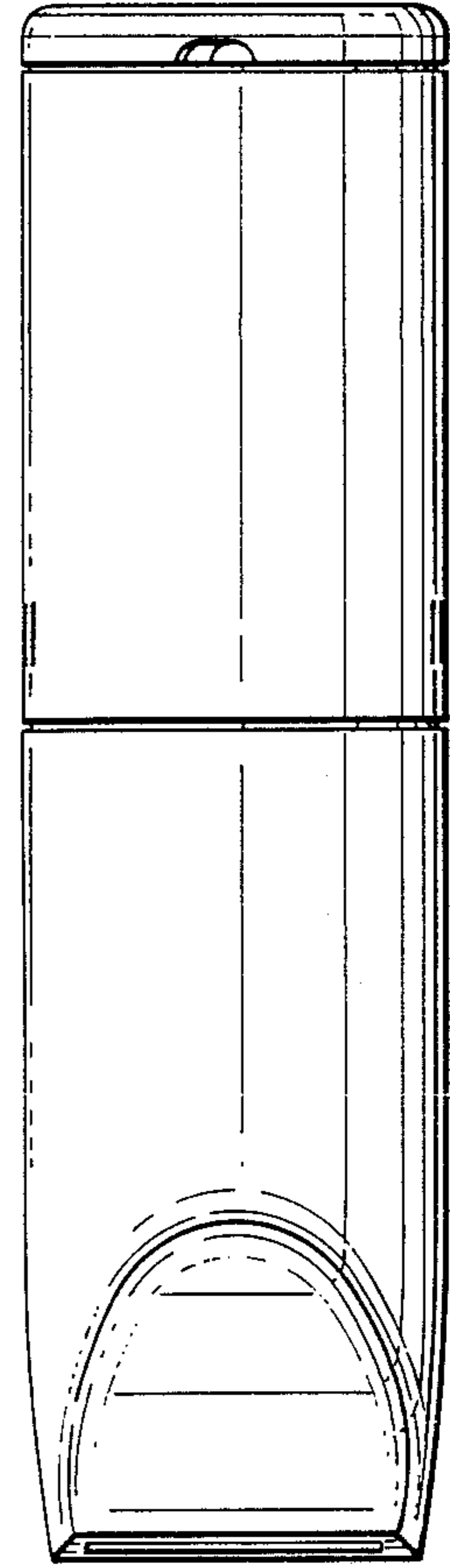


Fig. 4.

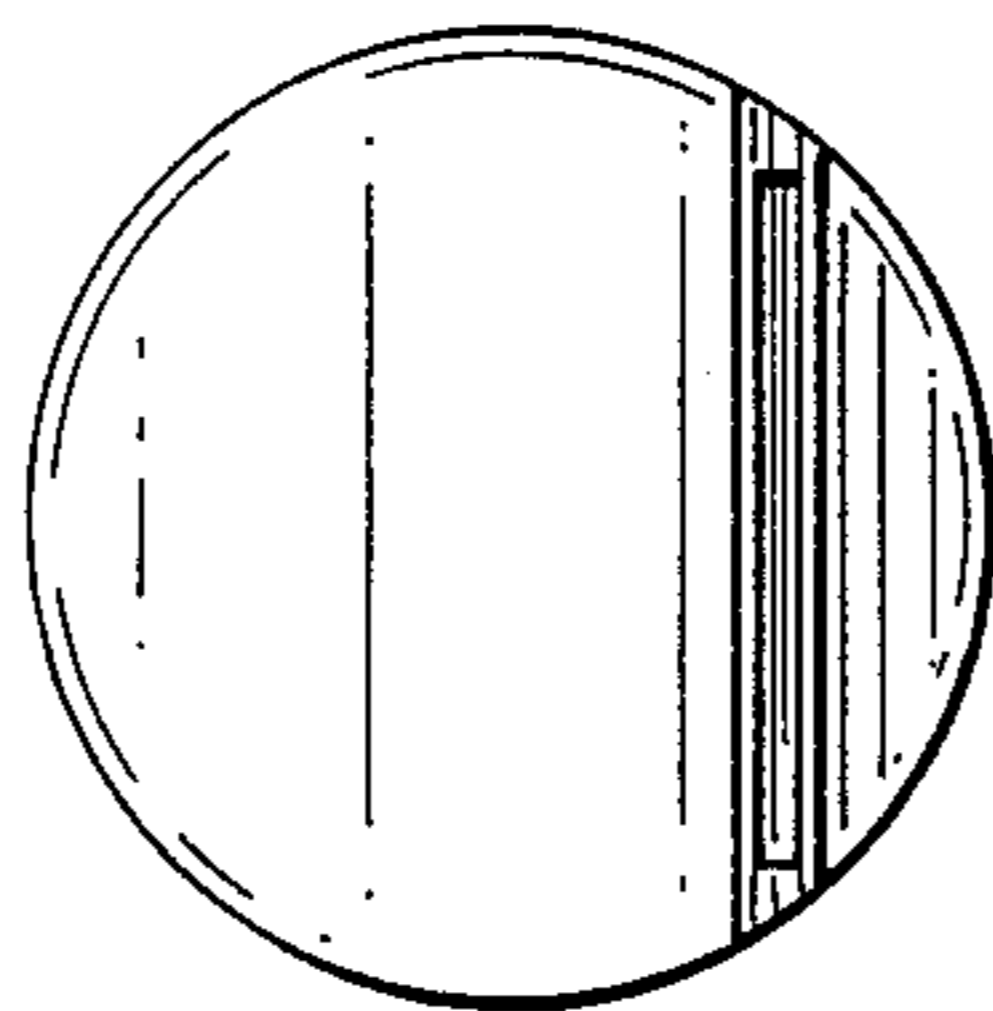
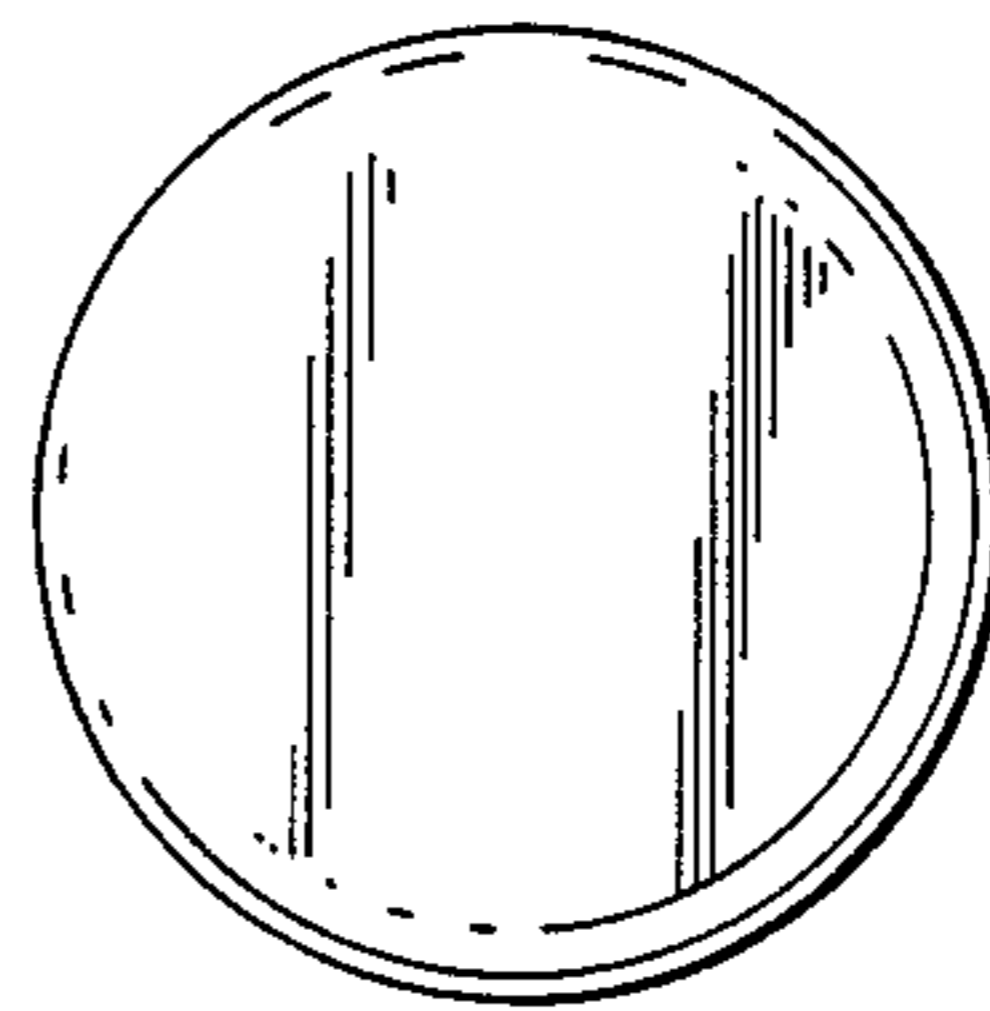


Fig. 5.



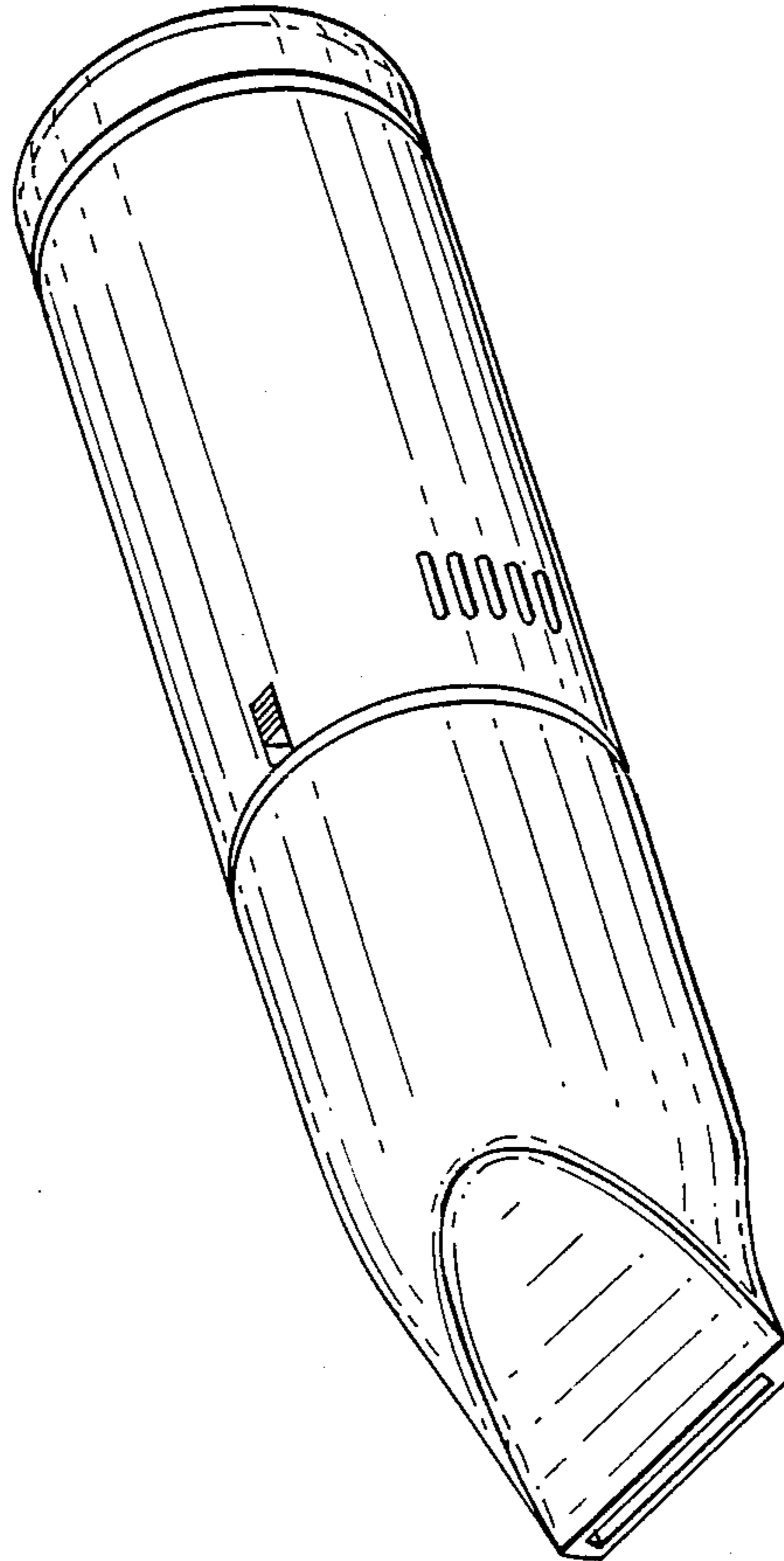


FIG. 6