

United States Patent [19]

Yamamoto et al.

[11] Patent Number: Des. 292,832

[45] Date of Patent: ** Nov. 17, 1987

[54] VACUUM CLEANER

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[73] Assignee: Sharp Corporation, Osaka, Japan

[**] Term: 14 Years

[21] Appl. No.: 693,792

[22] Filed: Jan. 23, 1985

[30] Foreign Application Priority Data

Jul. 23, 1984 [JP] Japan 59-31119

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

[58] Field of Search D32/17-18,
D32/21, 31-34; 15/300,00 A, 319-322, 324,
329, 344

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Albritton & Herbert

[57] CLAIM

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

DESCRIPTION

FIG. 1 is a front elevational view of the vacuum cleaner
showing our new design;

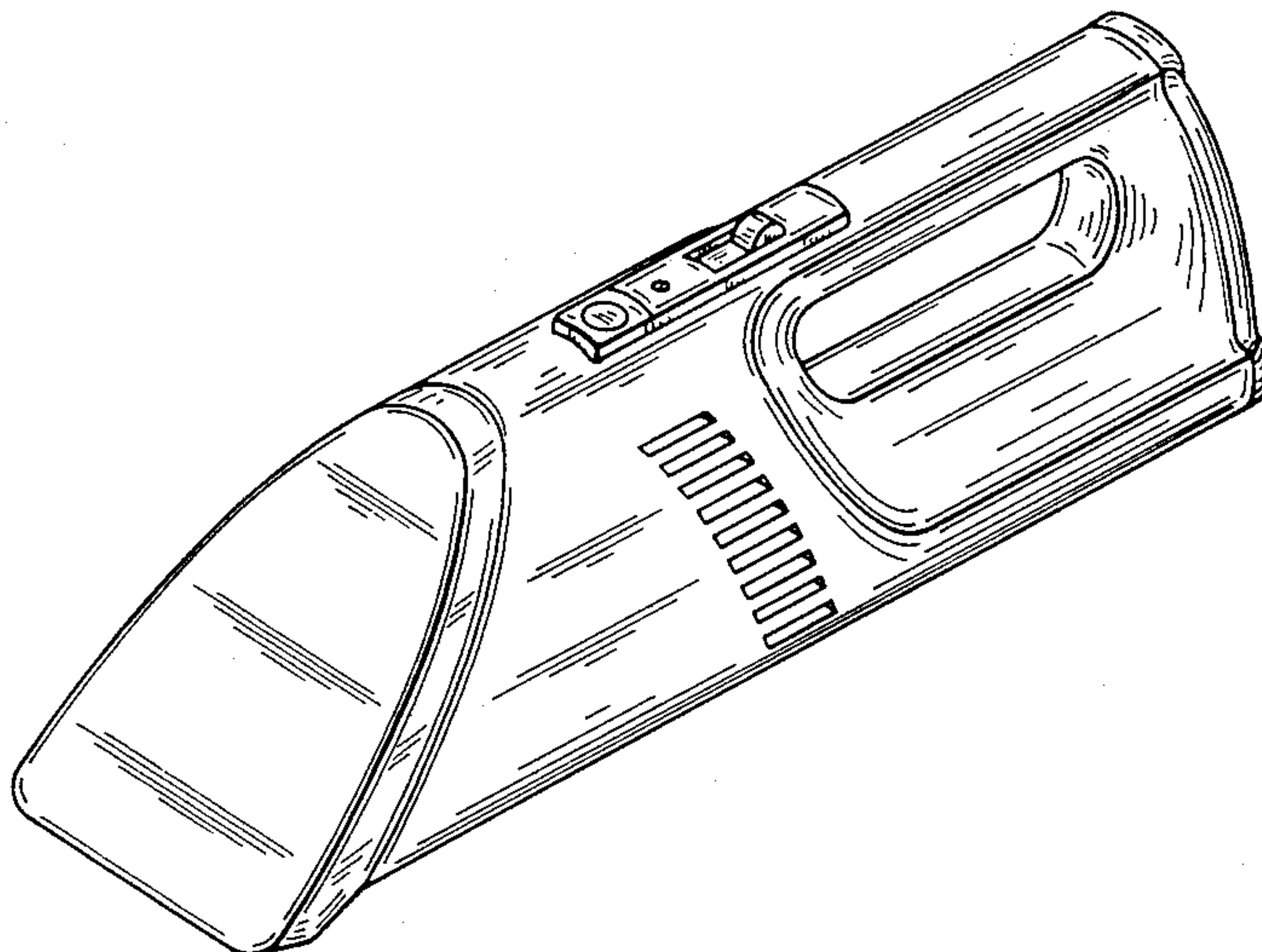
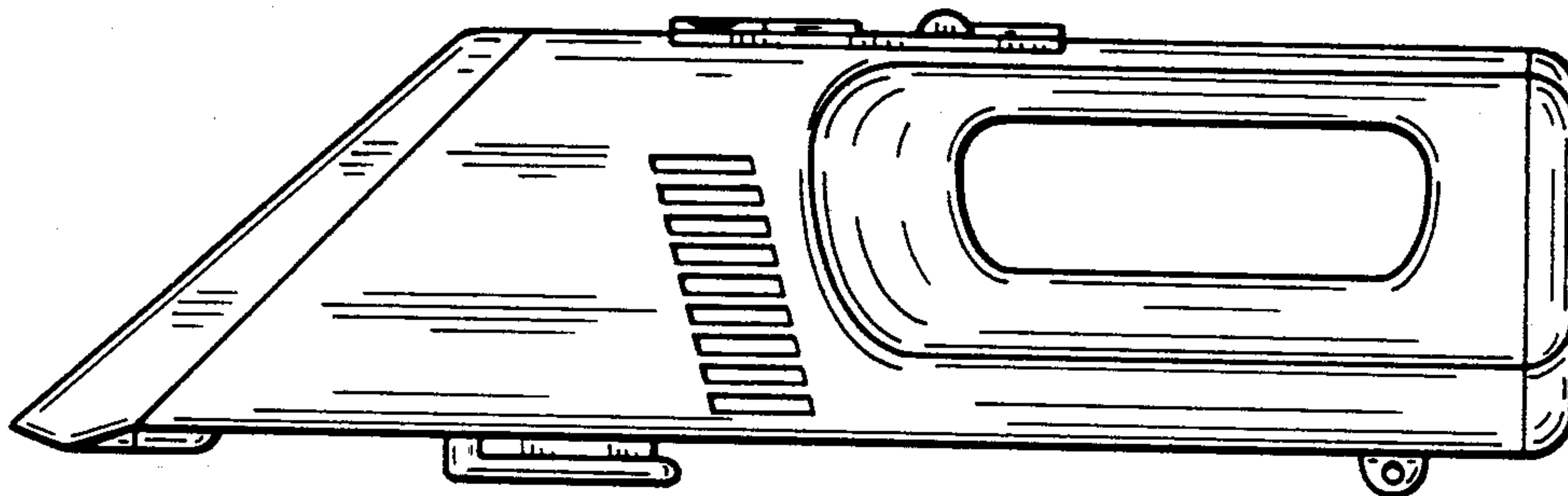
FIG. 2 is a rear elevational view thereof;

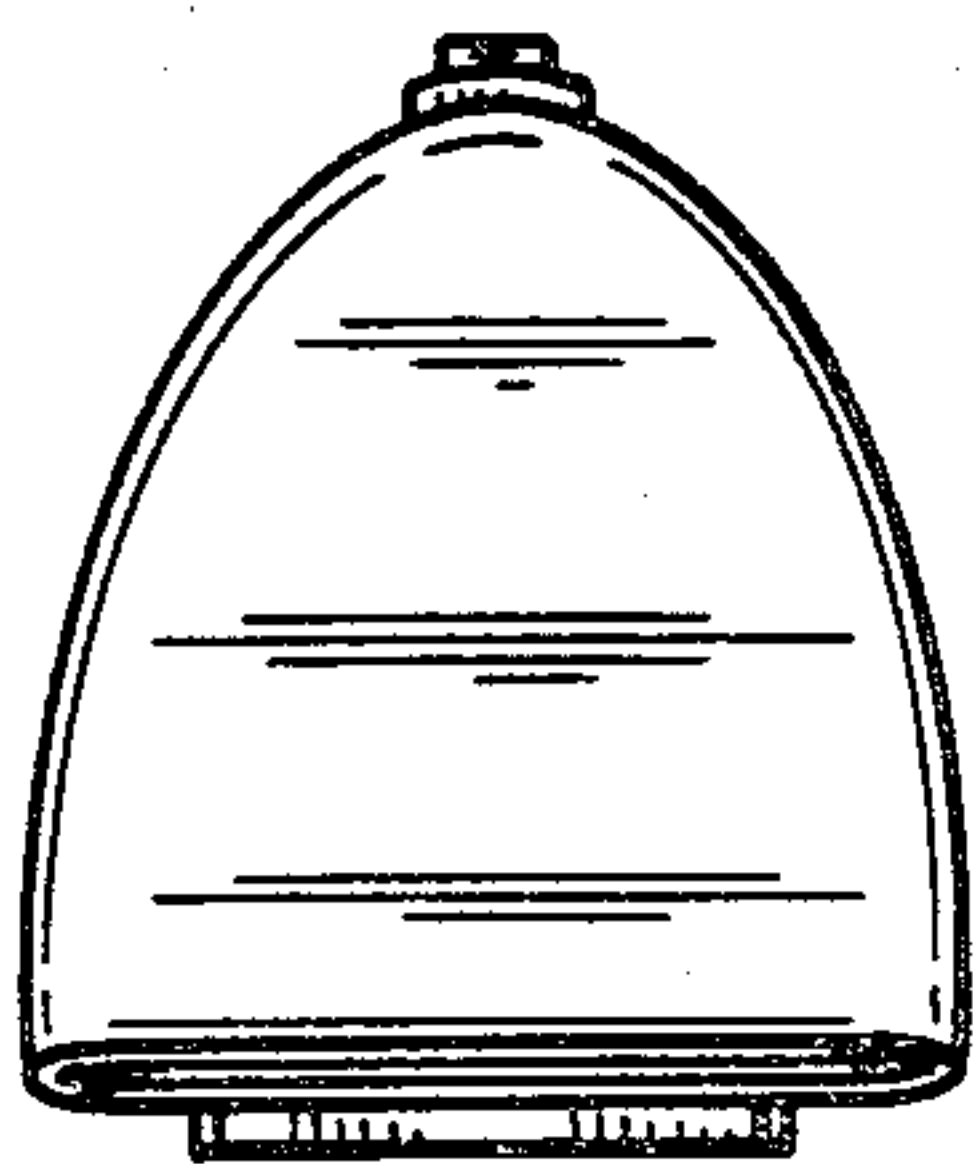
FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

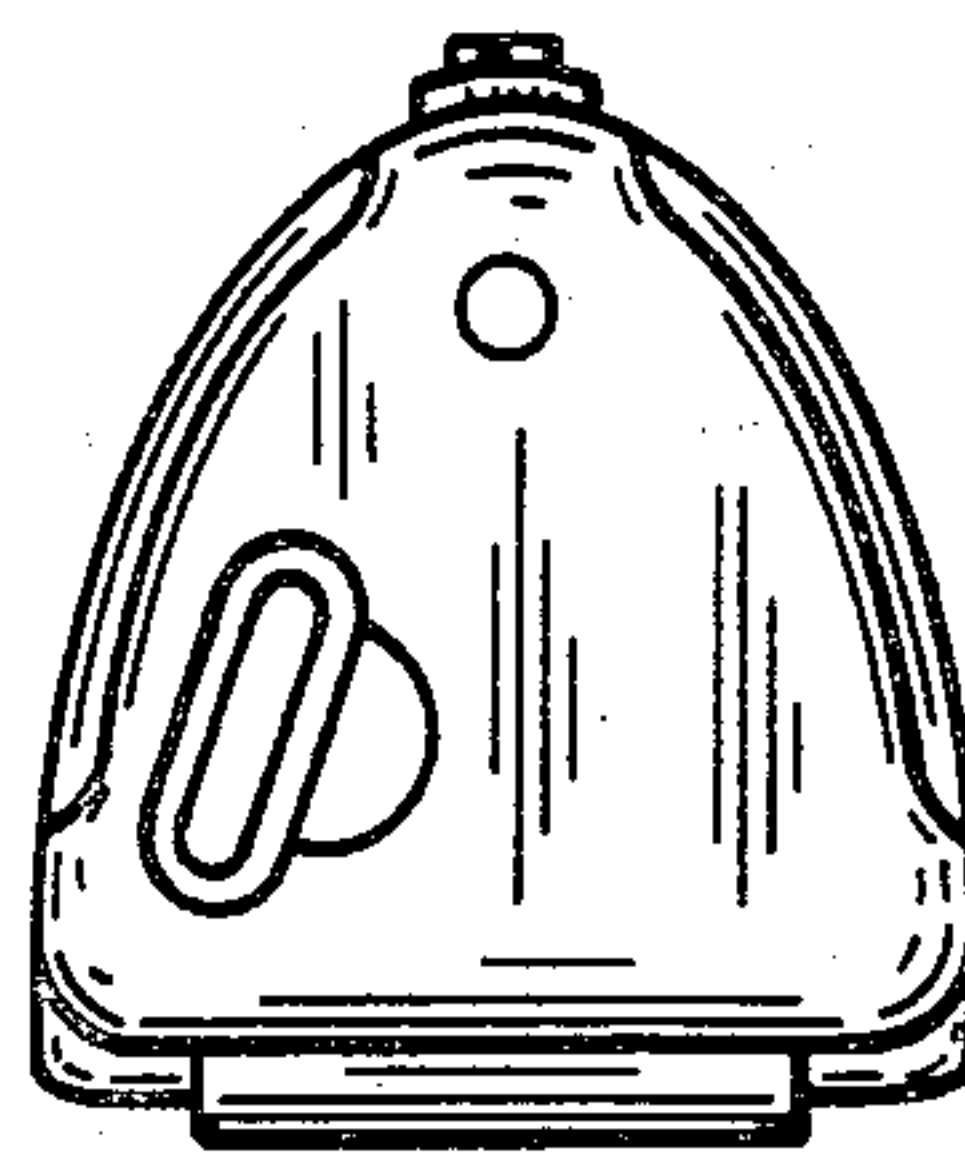
FIG. 5 is a right side elevational view thereof, the left
side elevational view being a mirror image thereof; and

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

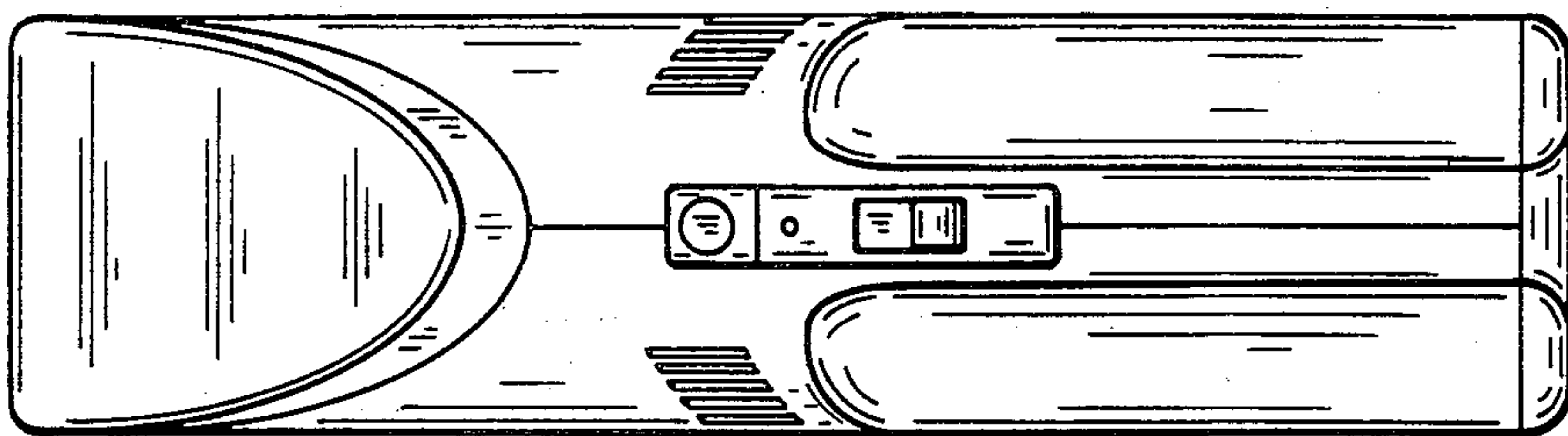




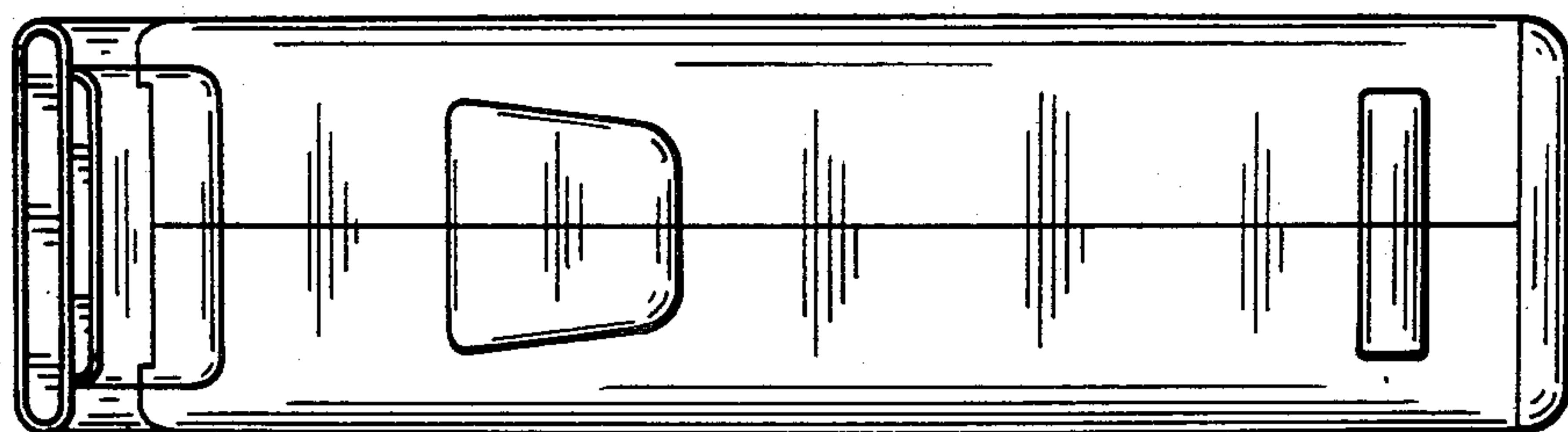
FIG_1



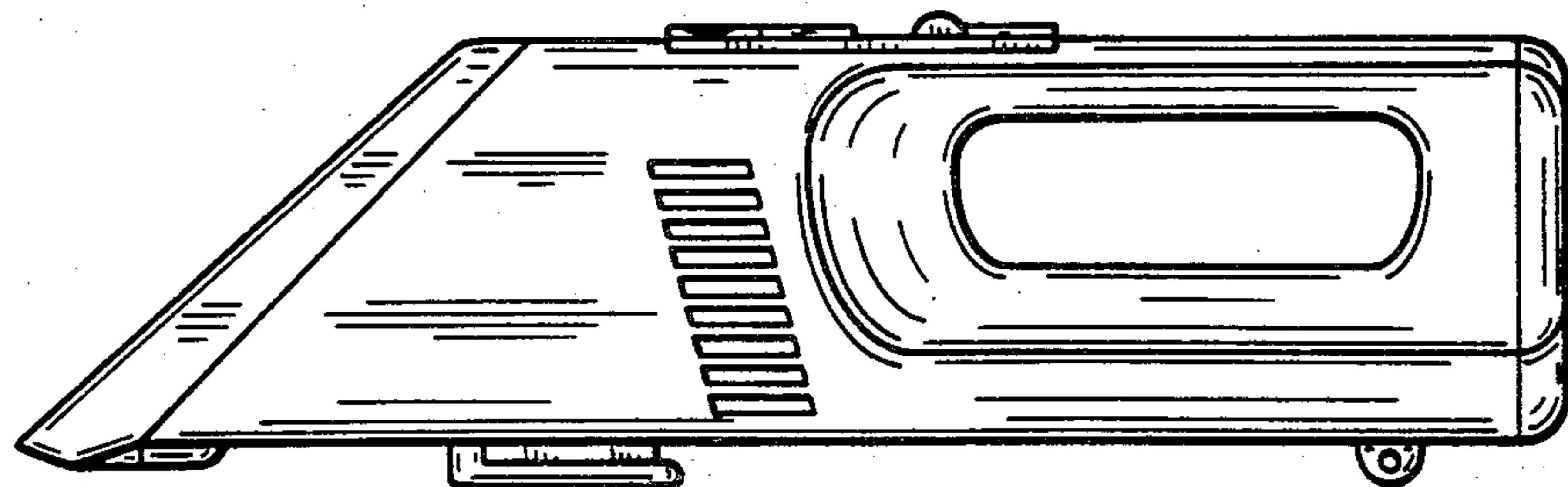
FIG_2



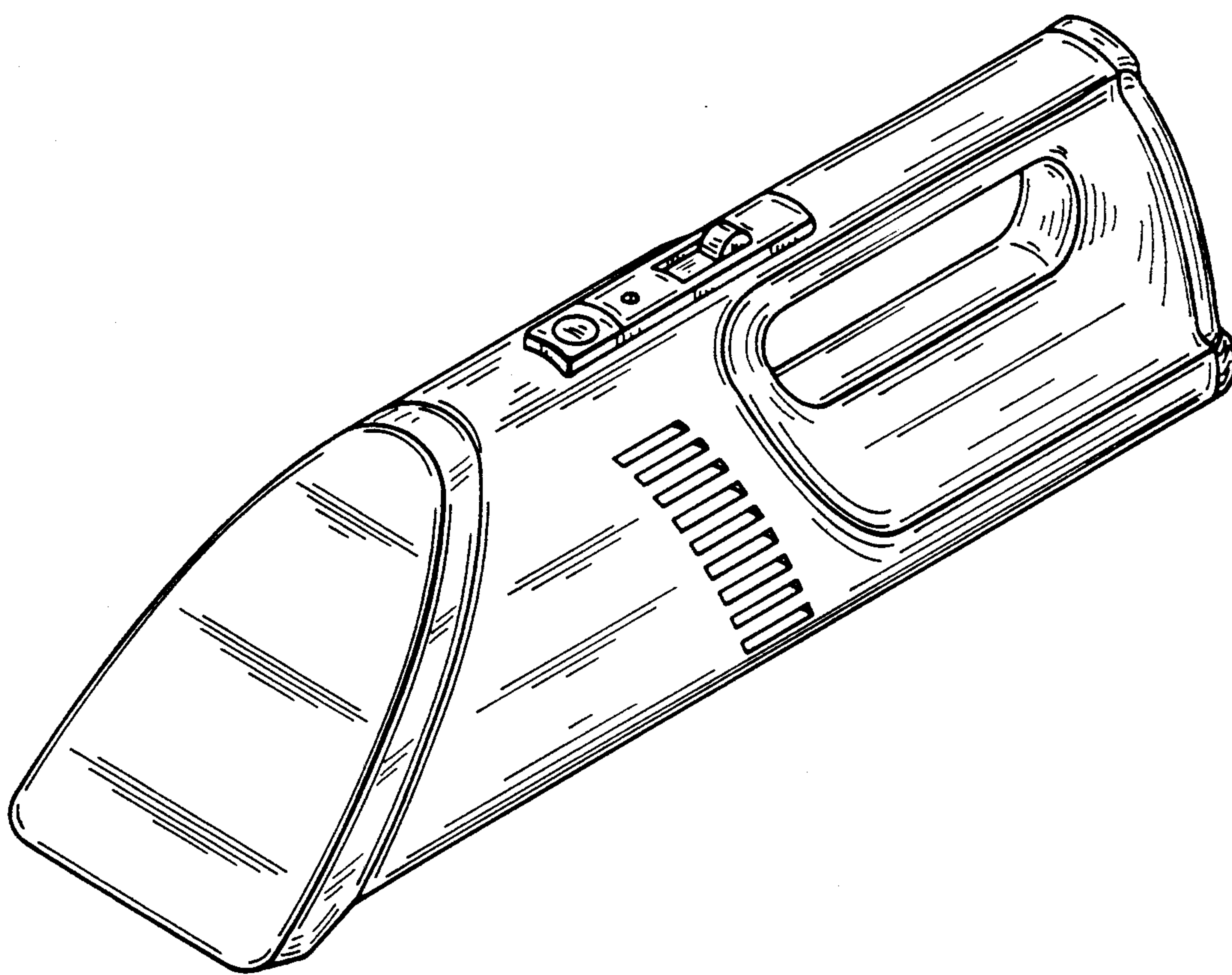
FIG_3



FIG_4



FIG_5



FIG_6