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United States Patent [19]
Wolfe et al.

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[54] **PORTABLE VACUUM CLEANER**
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[73] Assignee: **Ryobi North America Corp.**, Easley, S.C.
[**] Term: **14 Years**
[21] Appl. No.: **28,838**
[22] Filed: **Sep. 23, 1994**
[52] **U.S. Cl.** **D32/18**
[58] **Field of Search** D32/17-18; 15/329, 15/344, 347; 119/87; 43/139

[56] **References Cited**
U.S. PATENT DOCUMENTS
D. 142,453 2/1944 Walker D9/2
D. 261,473 10/1981 Hug D32/18
D. 268,057 2/1983 Harmon D32/18
D. 280,246 8/1985 Smith D32/18
D. 290,893 7/1987 Essex D32/18
D. 291,376 8/1987 Hetherington D32/18
D. 293,949 1/1988 Arita D32/18
D. 297,377 8/1988 Chui D32/18
D. 301,645 6/1989 Nishikawa D32/18
D. 301,646 6/1989 Yamamoto et al. D32/18
D. 303,170 8/1989 Hirano D32/18
D. 304,249 10/1989 Yuen D32/18
D. 306,657 3/1990 Fushiya D32/17
D. 306,789 3/1990 Worwag D32/33
D. 313,831 1/1991 Gildersleeve D32/18

D. 316,465 4/1991 Reiferscheid et al. D32/17
D. 325,271 4/1992 Osit D32/24
D. 326,169 5/1992 Stutzer et al. D32/18
2,219,810 10/1940 Foss 15/16
4,642,841 2/1987 Berfield et al. 15/330
4,660,246 4/1987 Duncan et al. 15/329
4,685,171 8/1987 Beaudoin 15/391
4,850,076 7/1989 Ostroski et al. 15/328
4,993,108 2/1991 Genge et al. 15/383
5,086,536 2/1992 Lackner et al. 15/328
5,129,128 7/1992 Bowerman et al. 15/413
5,134,751 8/1992 Reed, Jr. et al. 15/344
5,331,716 7/1994 Hemmann et al. 15/332

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[57] **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a portable vacuum cleaner showing our new design;
FIG. 2 is a left side elevational view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a rear elevational view thereof; and,
FIG. 7 is a bottom plan view thereof.
The electric cord shown broken away in FIGS. 1, 2 and 4-7 is understood to represent indeterminate length.

1 Claim, 4 Drawing Sheets

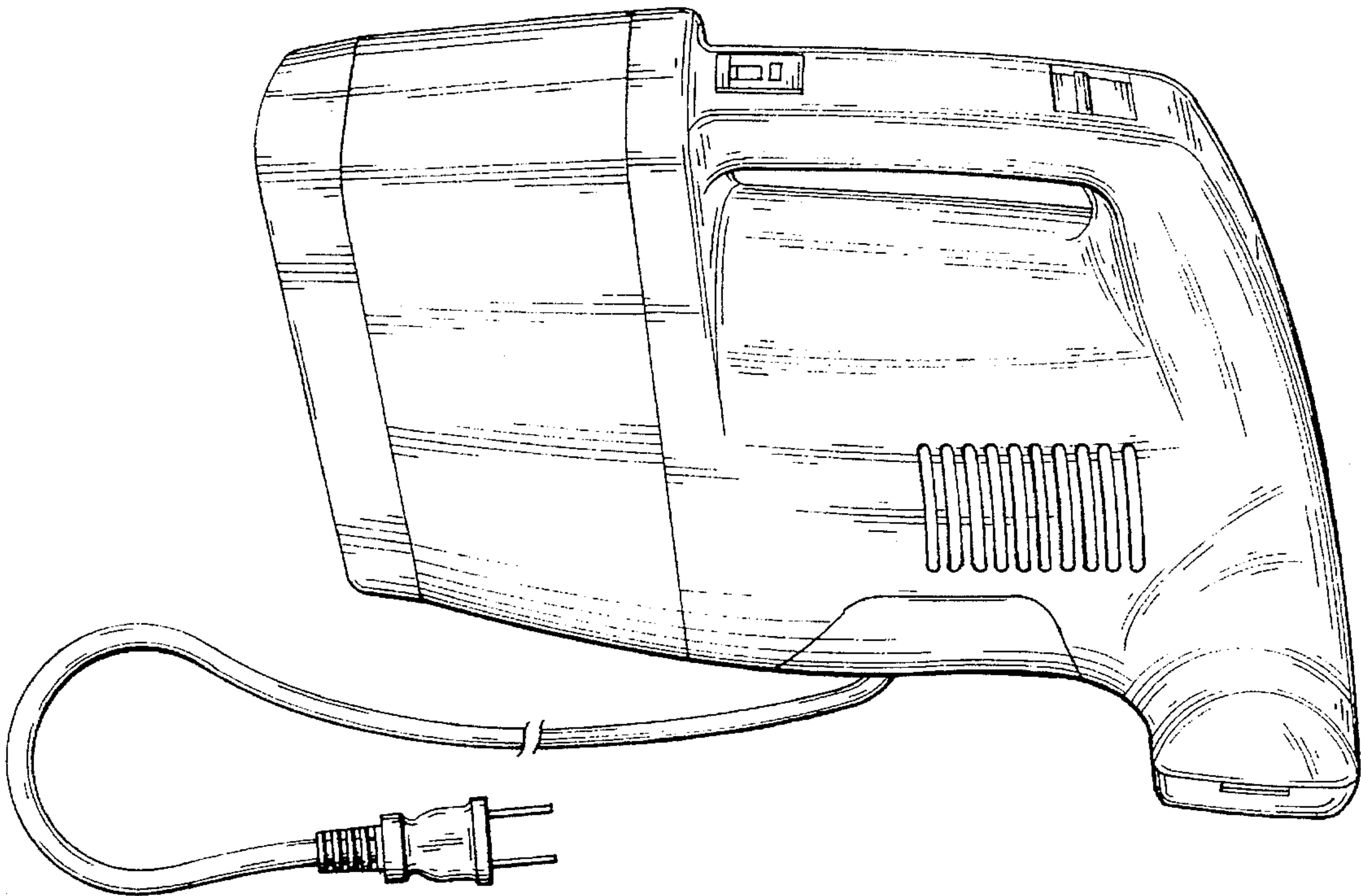
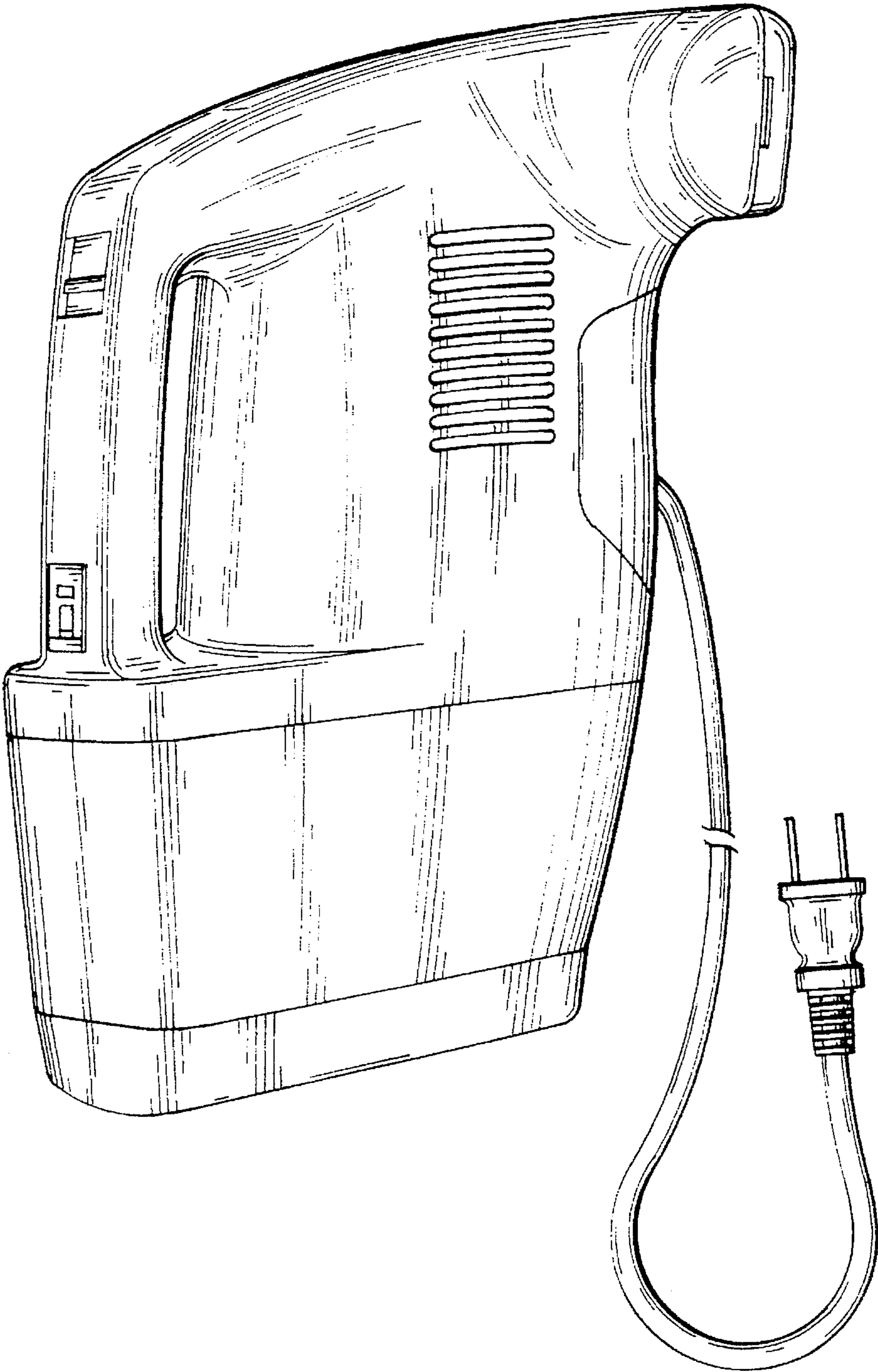


FIG. 1



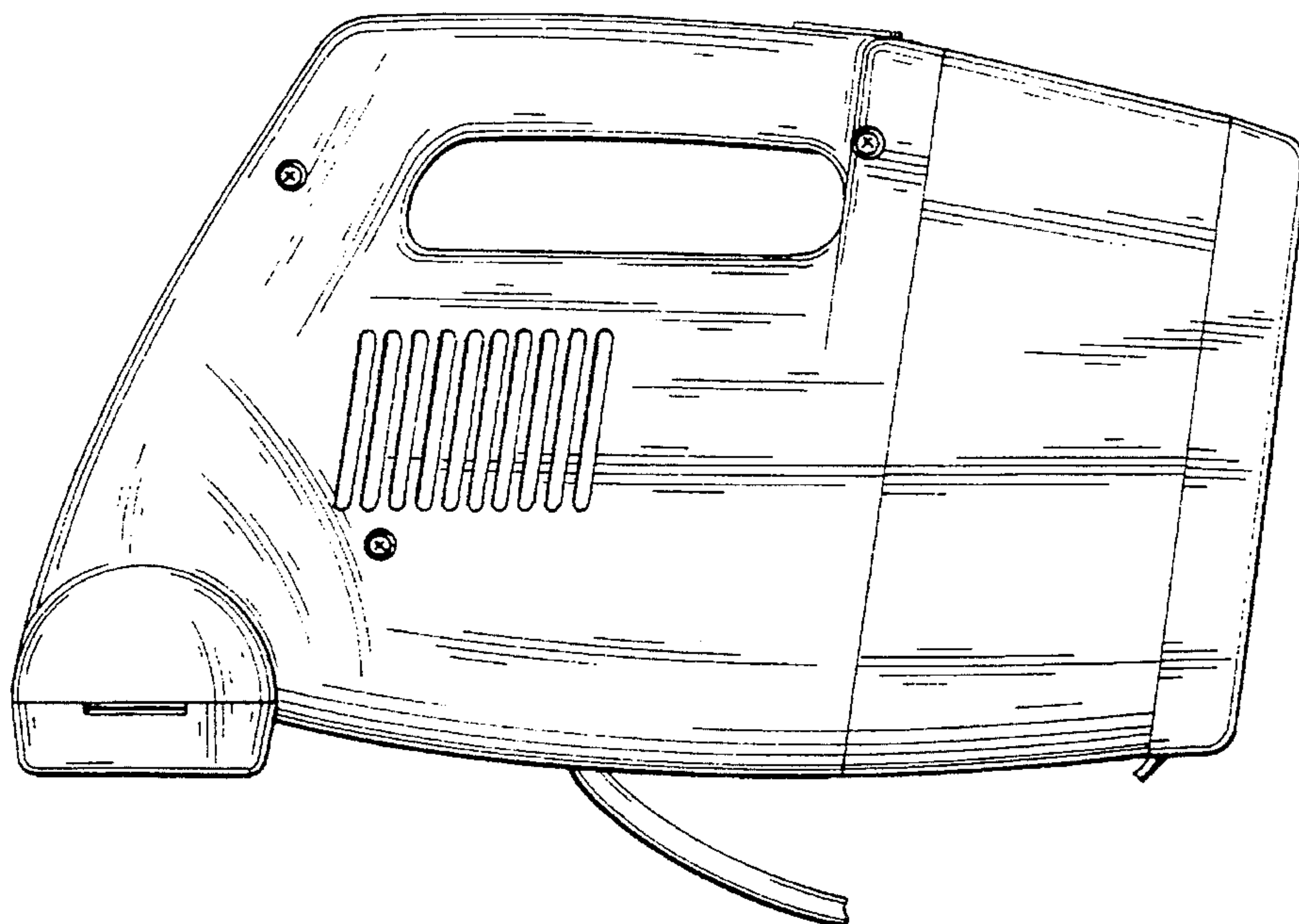


Fig. 2

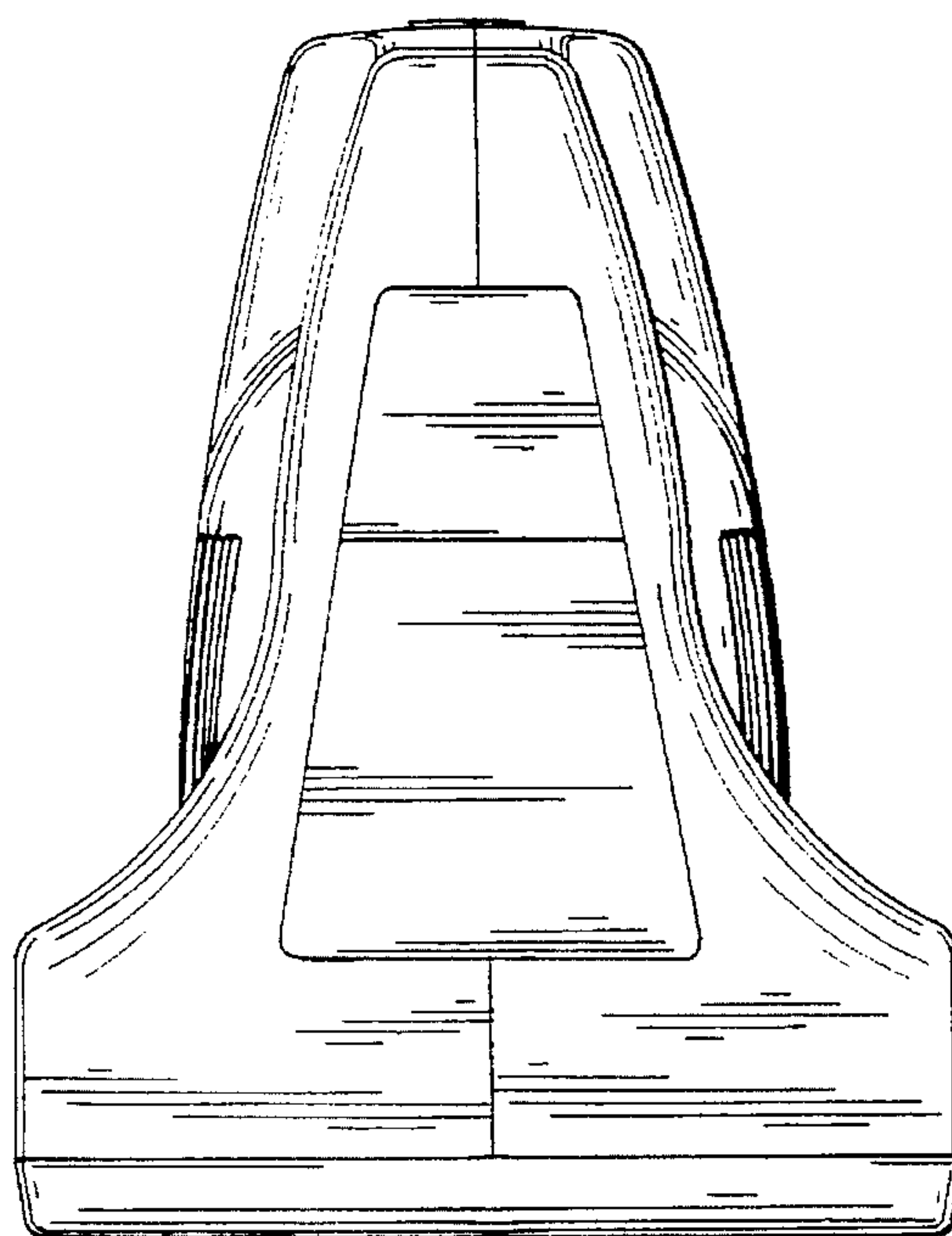


Fig. 3

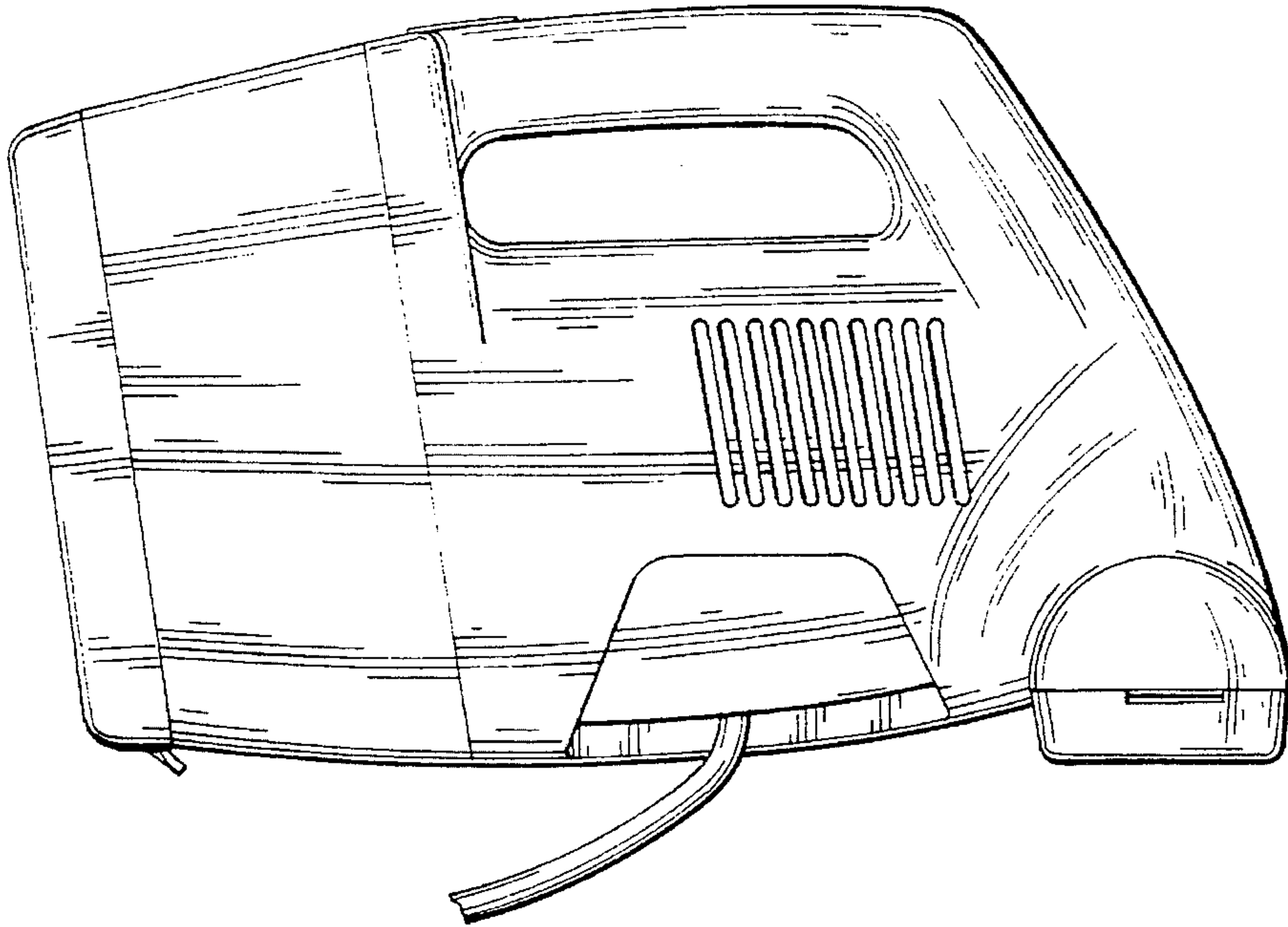


Fig-4

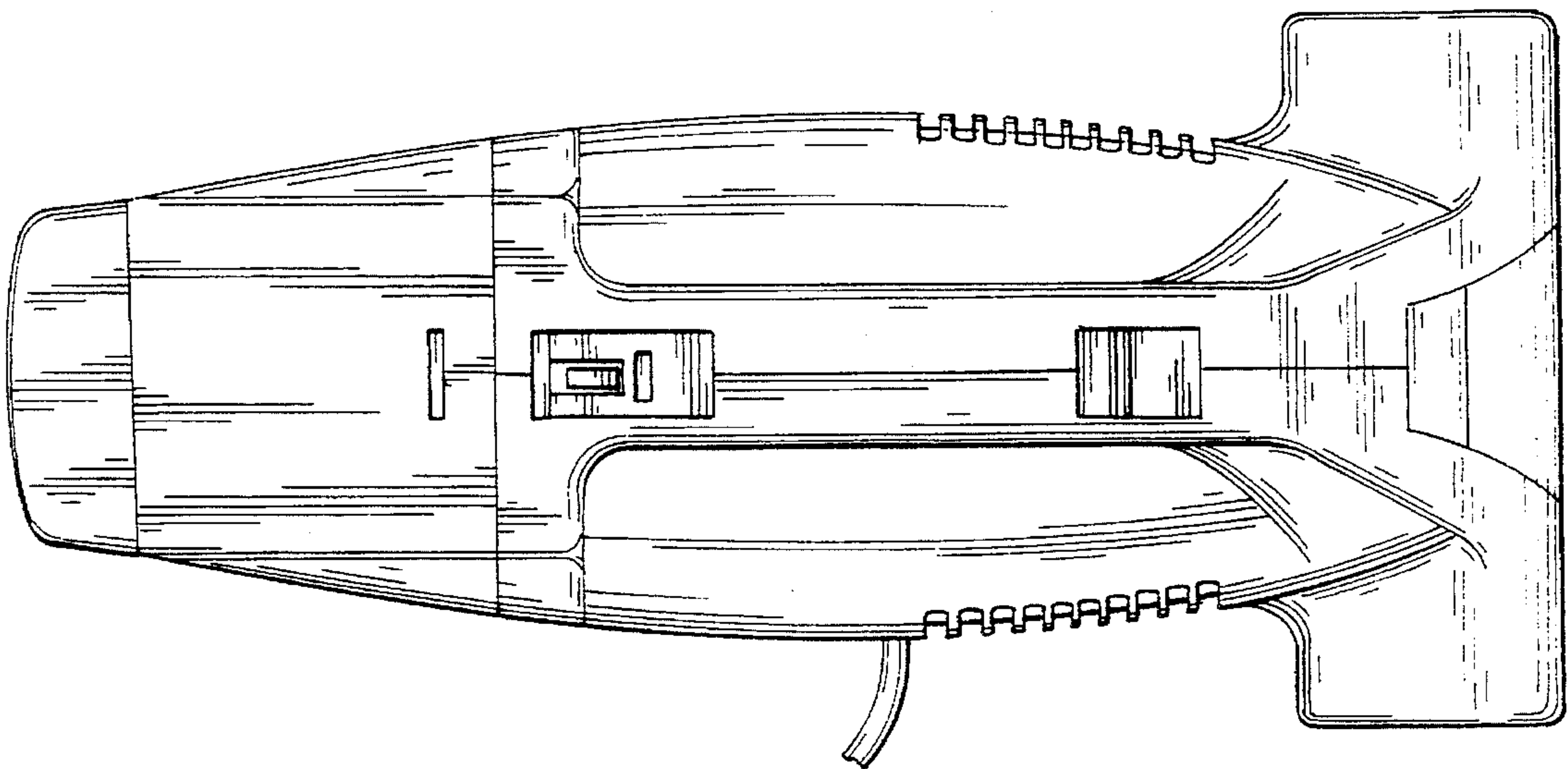


Fig-5

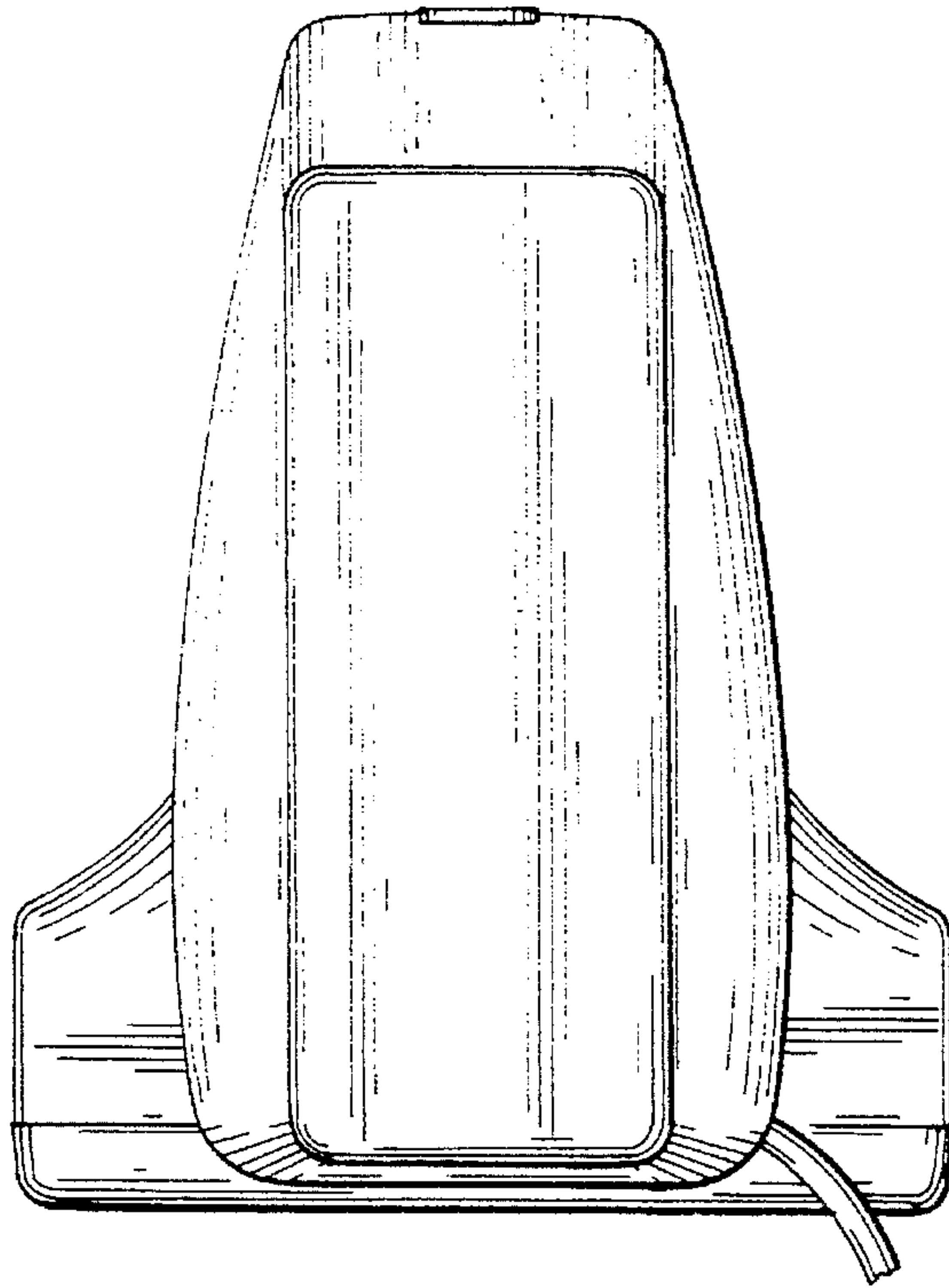


Fig-6

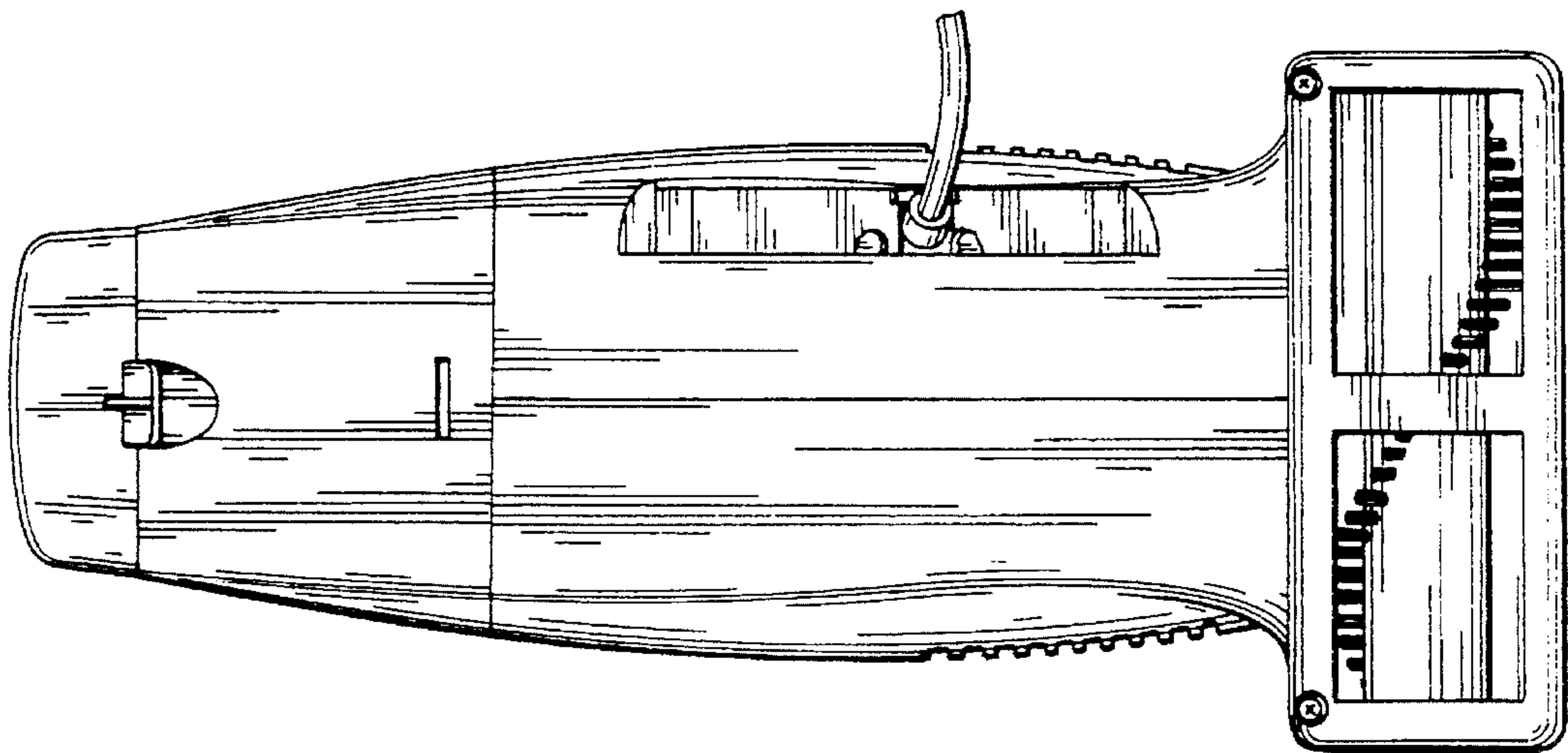


Fig-7