

United States Patent [19]

Umehara et al.

[11] Patent Number: **Des. 297,675**

[45] Date of Patent: **** Sep. 13, 1988**

[54] ELECTRIC VACUUM CLEANER

[75] Inventors: **Nobuhiro Umehara, Tokyo; Masato Umeda, Sakado; Toshiaki Sato, Higashi-murayama; Atsushi Shigemura, Tanashi, all of Japan**

[73] Assignees: **Kabushiki Kaisha Toshiba; Tokyo Electric Co., Ltd., both of Tokyo, Japan**

[*] Notice: The portion of the term of this patent subsequent to Aug. 30, 2002 has been disclaimed.

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

[21] Appl. No.: **788,154**

[22] Filed: **Oct. 16, 1985**

[30] Foreign Application Priority Data

Apr. 19, 1985 [JP] Japan 60-15720

[52] U.S. Cl. **D32/21**

[58] Field of Search **D32/21, 23-24; 15/323, 327 E, 327 F, 412**

[56] References Cited

U.S. PATENT DOCUMENTS

D. 246,107 10/1977 Yoshida et al. D32/21

| | | | |
|------------|---------|----------------------|--------|
| D. 259,882 | 7/1981 | Yoshida et al. | D32/21 |
| D. 270,390 | 8/1983 | Ayukawa et al. | D32/21 |
| D. 284,319 | 6/1986 | Yamamoto et al. | D32/21 |
| 4,545,794 | 10/1985 | Himukai | 55/362 |
| 4,592,764 | 6/1986 | Ikezaki et al. | 55/276 |

FOREIGN PATENT DOCUMENTS

| | | |
|--------|---------|---------|
| 586672 | 10/1982 | Japan . |
| 586701 | 10/1982 | Japan . |

OTHER PUBLICATIONS

Hitachi, Ltd. Vacuum Cleaner catalog.

Primary Examiner—Wallace R. Burke

Assistant Examiner—Ruth Takemoto

Attorney, Agent, or Firm—Banner, Birch, McKie & Beckett

[57] CLAIM

The ornamental design for an electric vacuum cleaner, as shown.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of an electric 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 rear elevational view thereof, FIG. 5 is a top plan view, thereof, and FIG. 6 is a bottom plan view thereof.

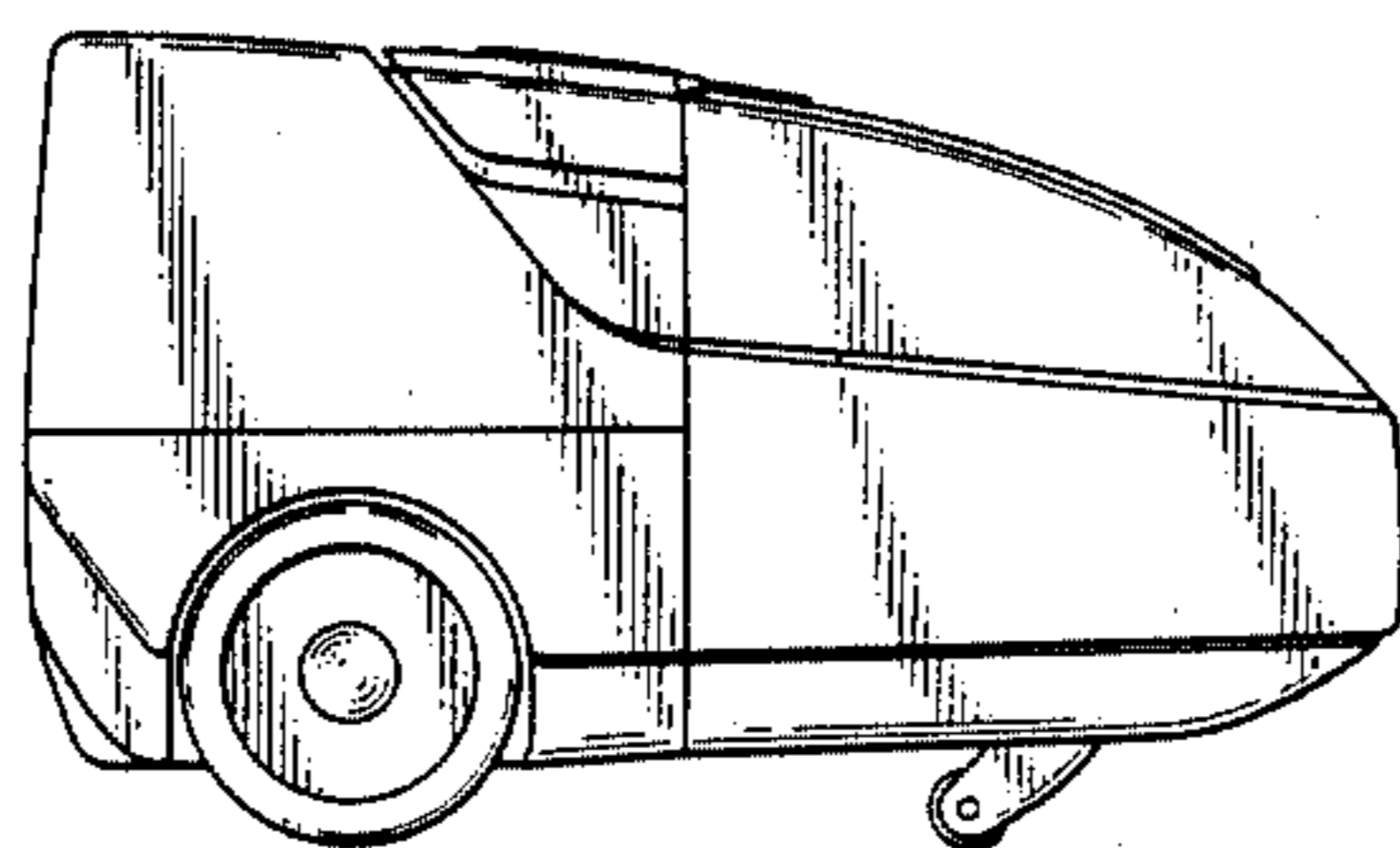
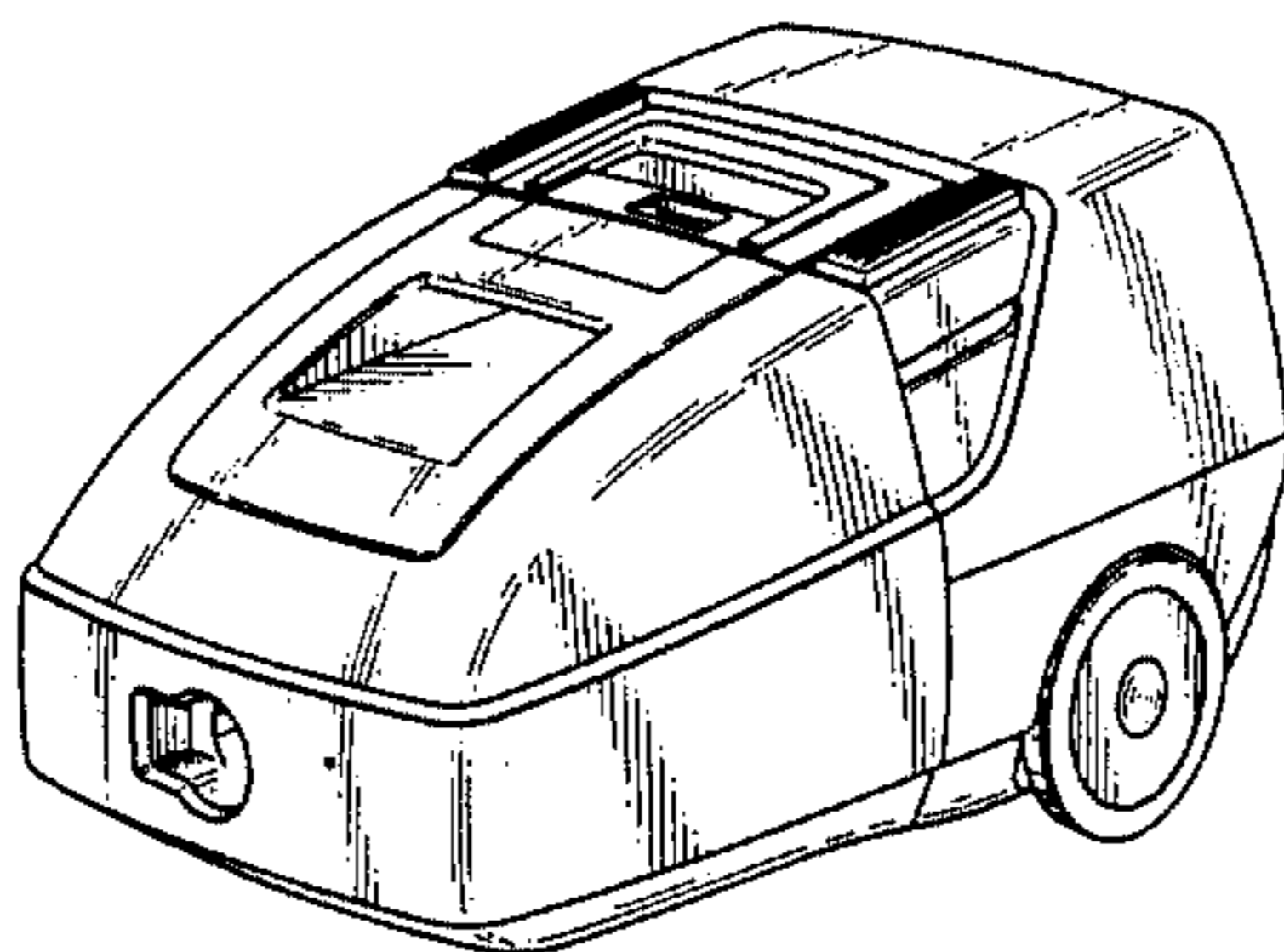


FIG. 1

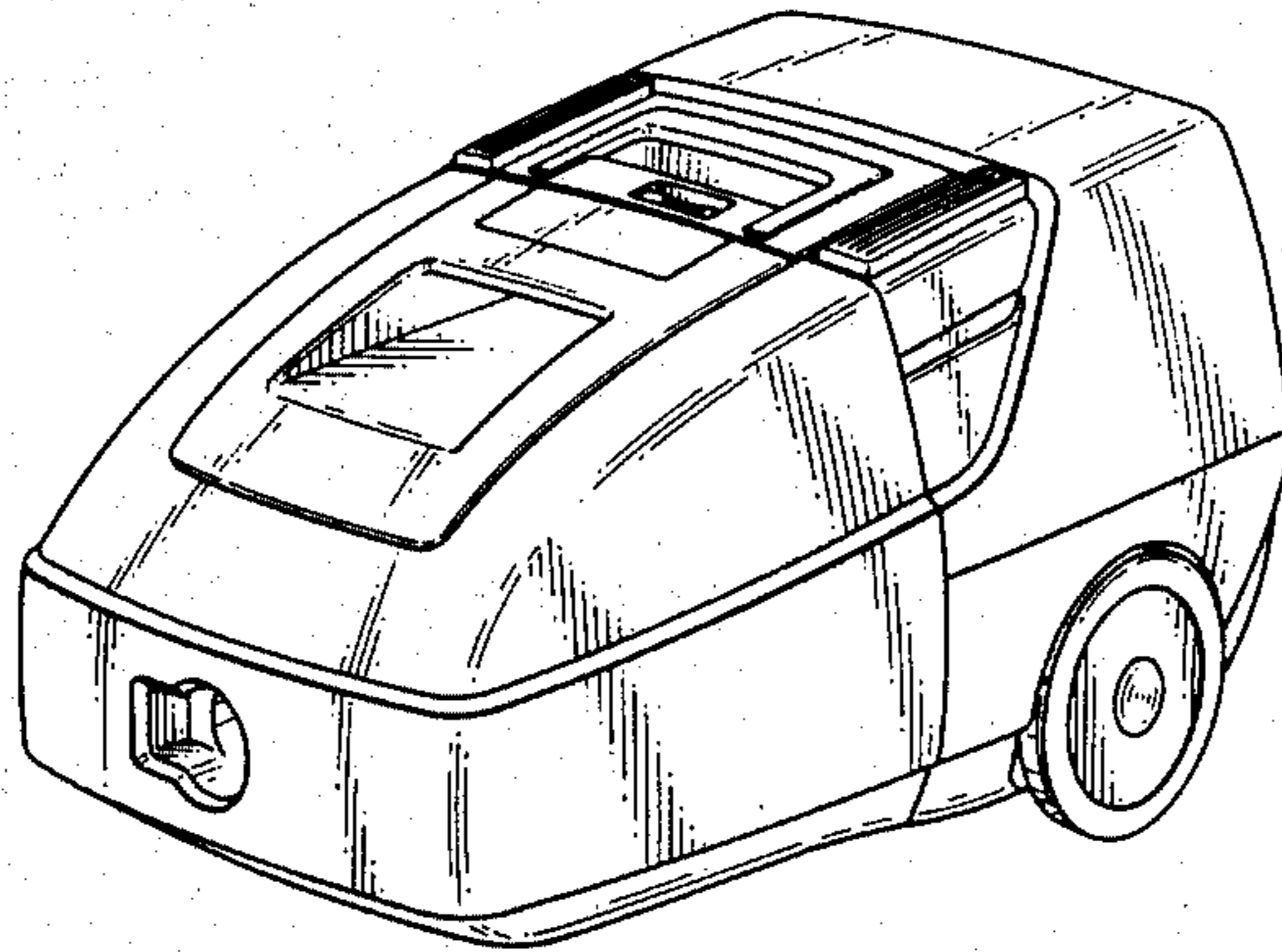


FIG. 2

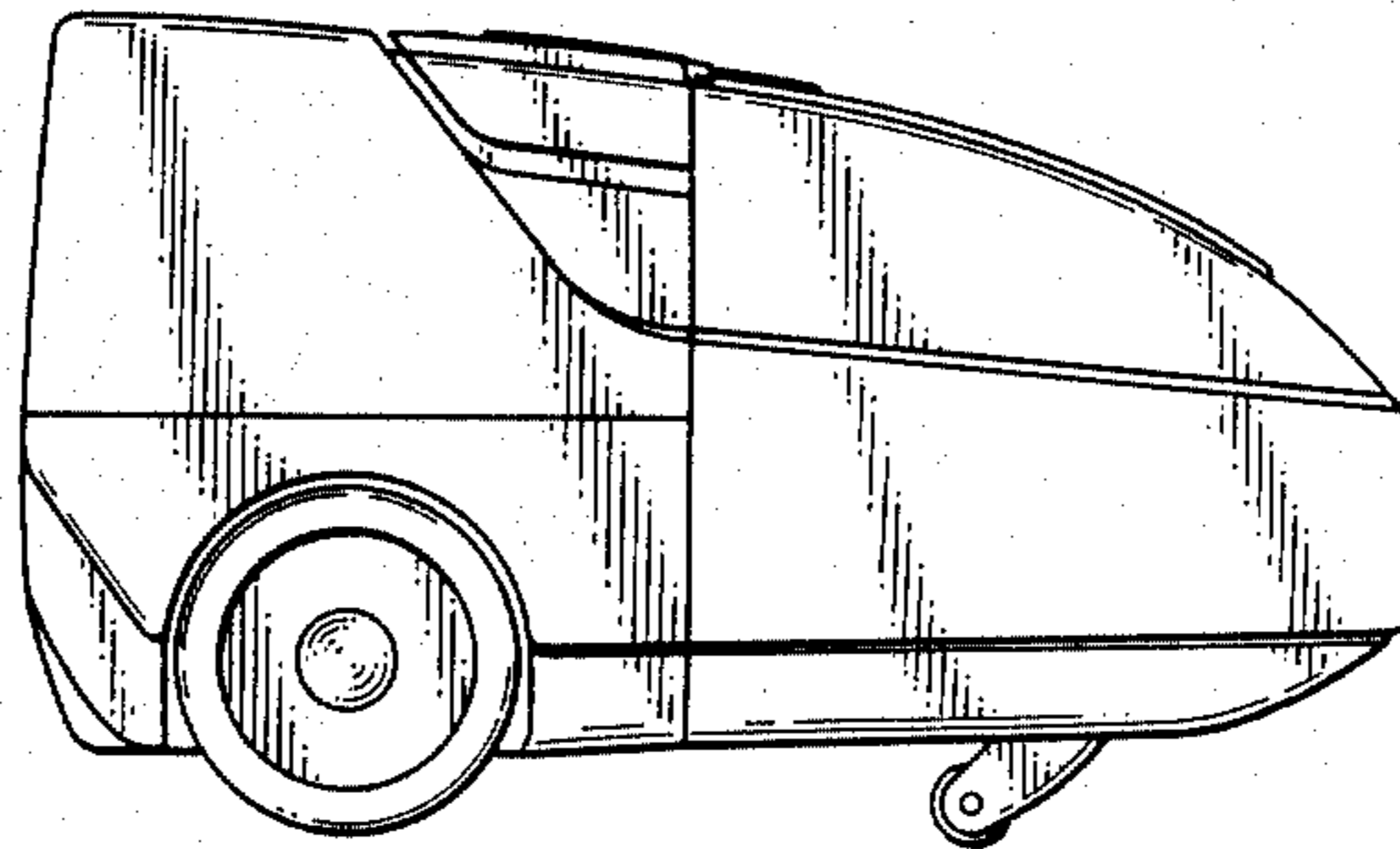


FIG. 3

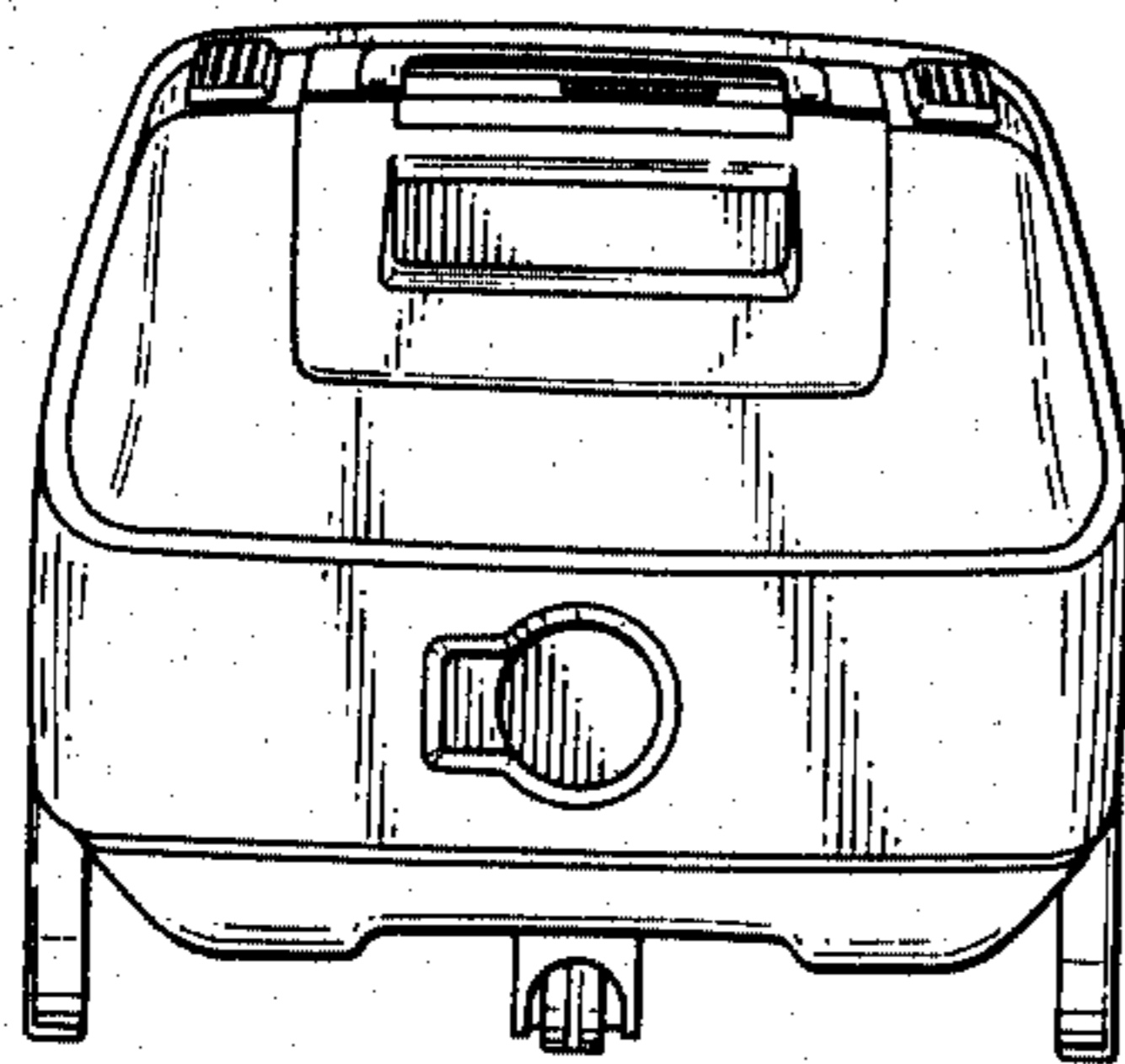


FIG. 4

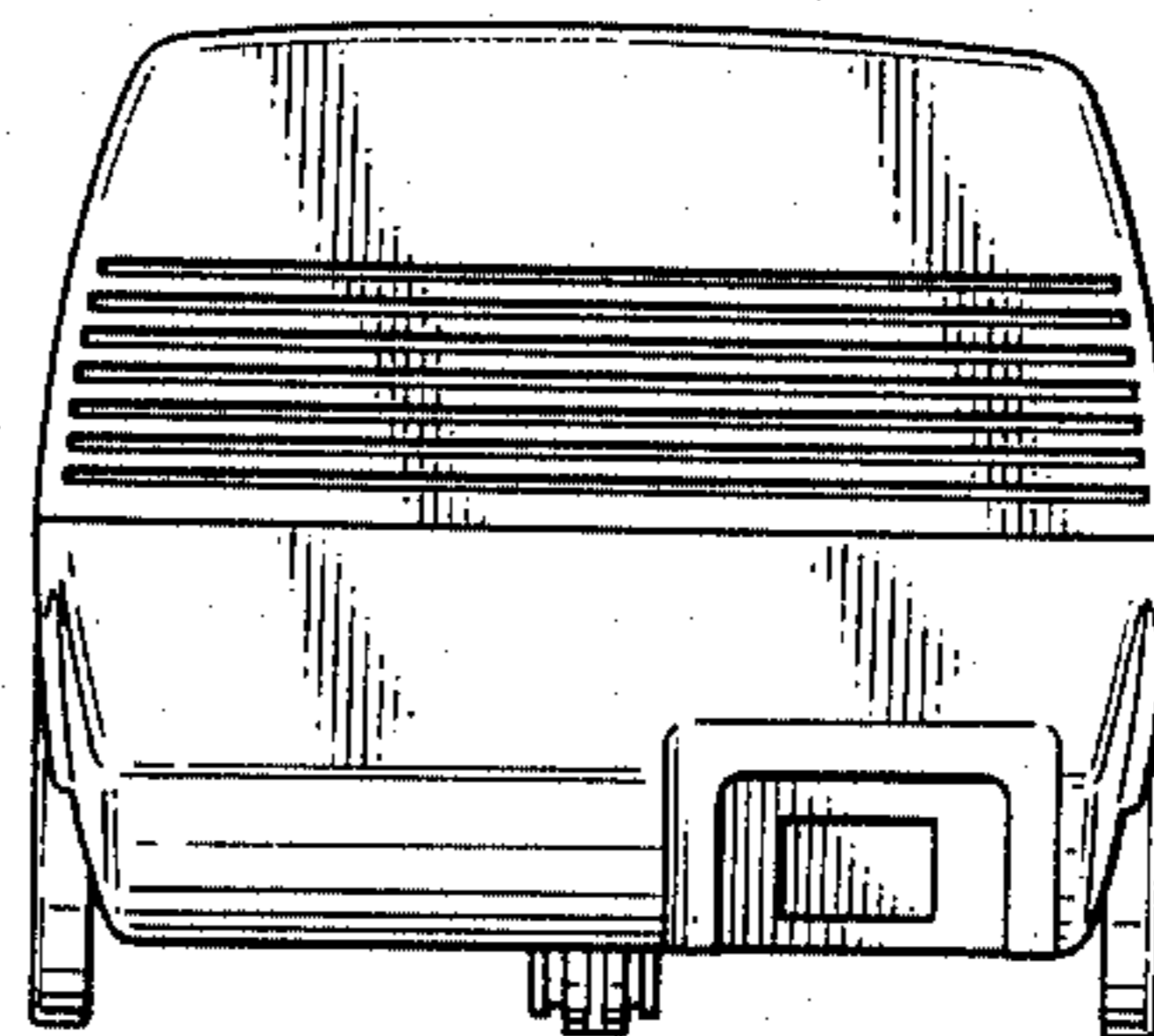


FIG.5

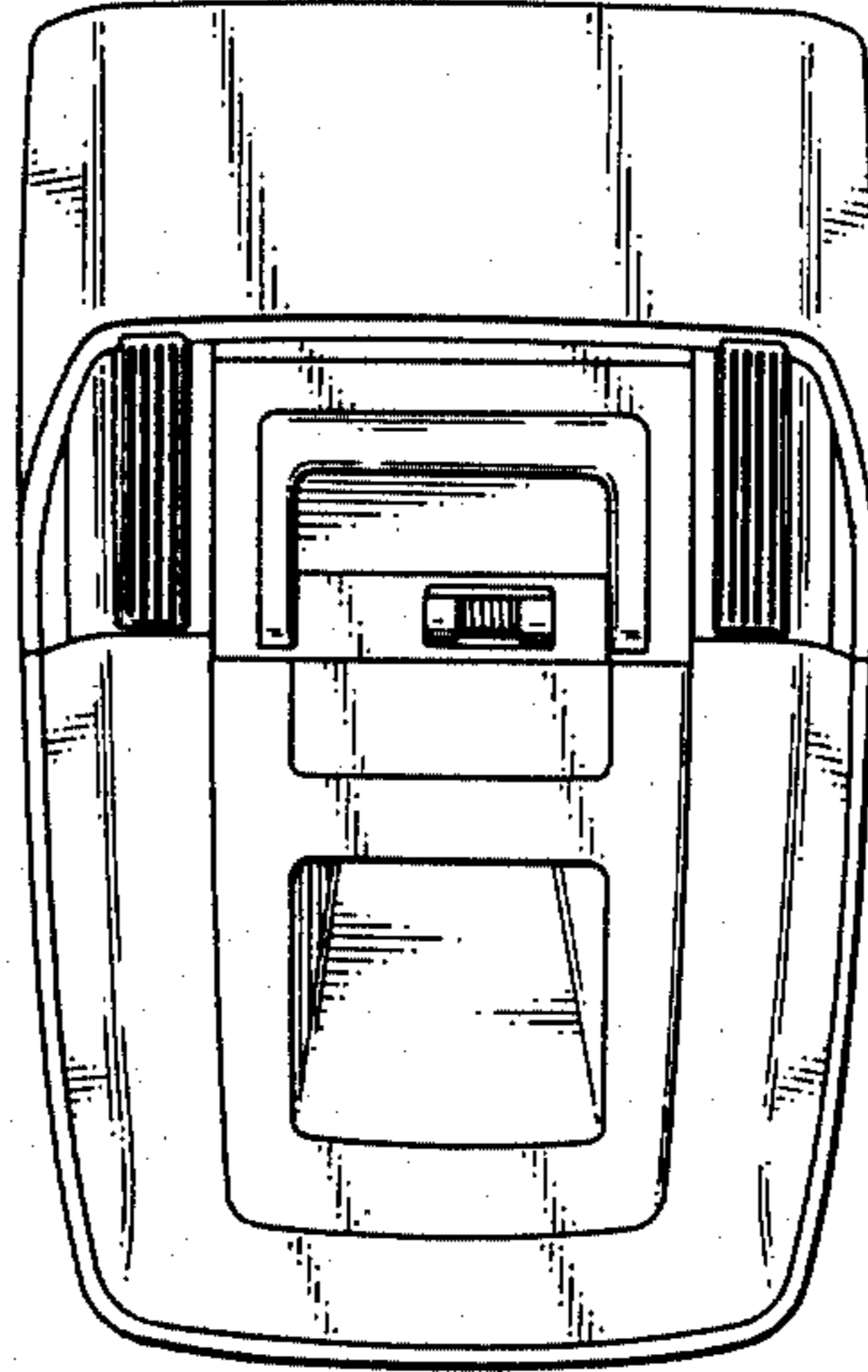
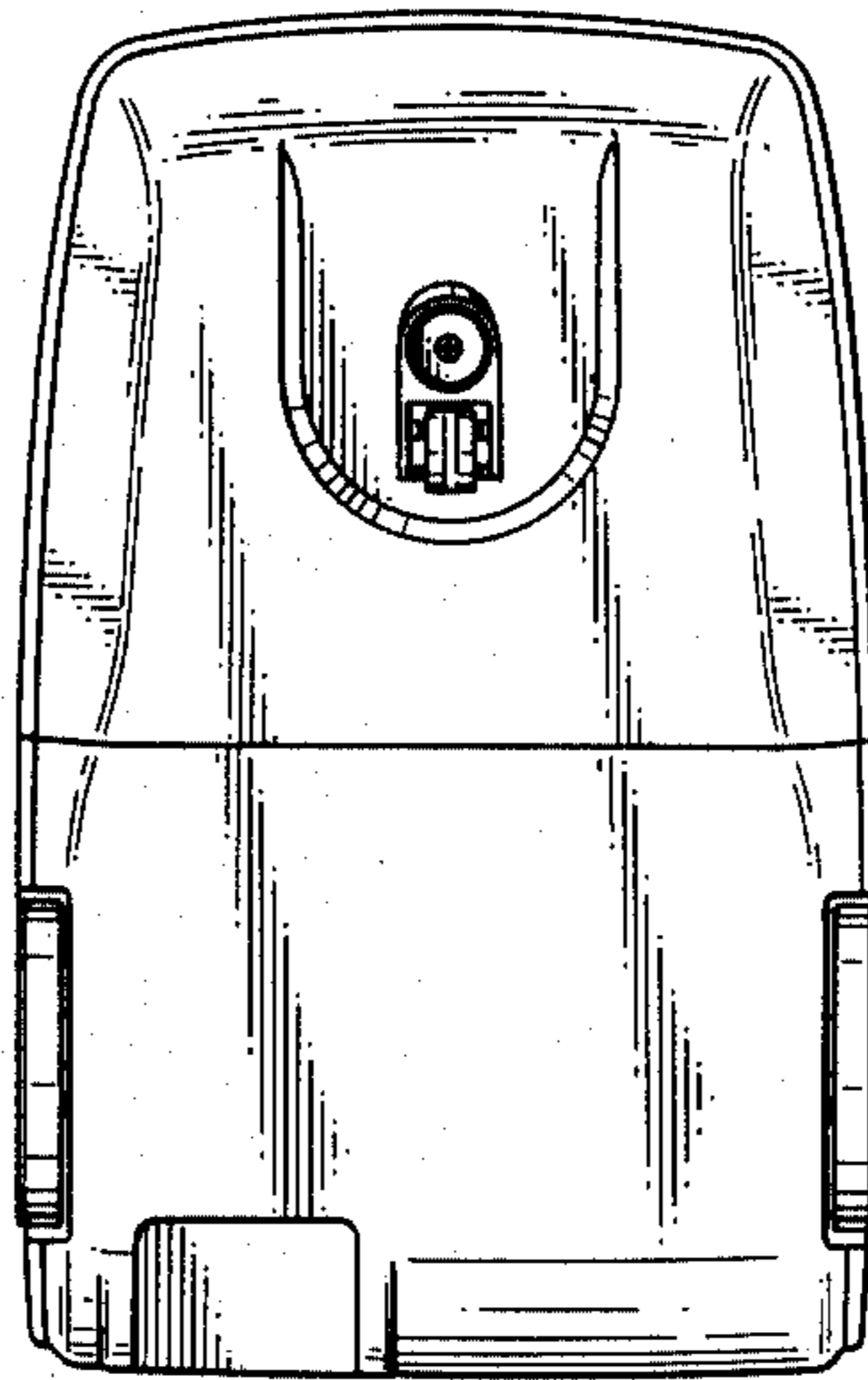


FIG.6



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 297,675
DATED : September 13, 1988
INVENTOR(S) : Nobuhiro Umehara et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page:

Please correct the [73] Assignees information as follows:

-- Kabushiki Kaisha Toshiba A/T/A Toshiba Corporation;
Tokyo Electric Co., Ltd. --

**Signed and Sealed this
Seventh Day of February, 1989**

Attest:

Attesting Officer

DONALD J. QUIGG

Commissioner of Patents and Trademarks