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United States Patent [19]
Fujima

[11] **Patent Number: Des. 398,093**
[45] **Date of Patent: **Sep. 8, 1998**

[54] **VACUUM CLEANER**

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[73] Assignee: **Sharp Kabushiki Kaisha**, Osaka, Japan

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

[21] Appl. No.: **67,903**

[22] Filed: **Mar. 12, 1997**

[30] **Foreign Application Priority Data**

Sep. 12, 1996 [JP] Japan 8-27505

[51] **LOC (6) Cl.** **15-05**

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

[58] **Field of Search** D32/1, 15, 21,
D32/23-24; 15/327.2-327.3, 327.4, 327.5,
327.6, 327.7

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Primary Examiner—Ruth McInroy
Attorney, Agent, or Firm—Nixon & Vanderhye

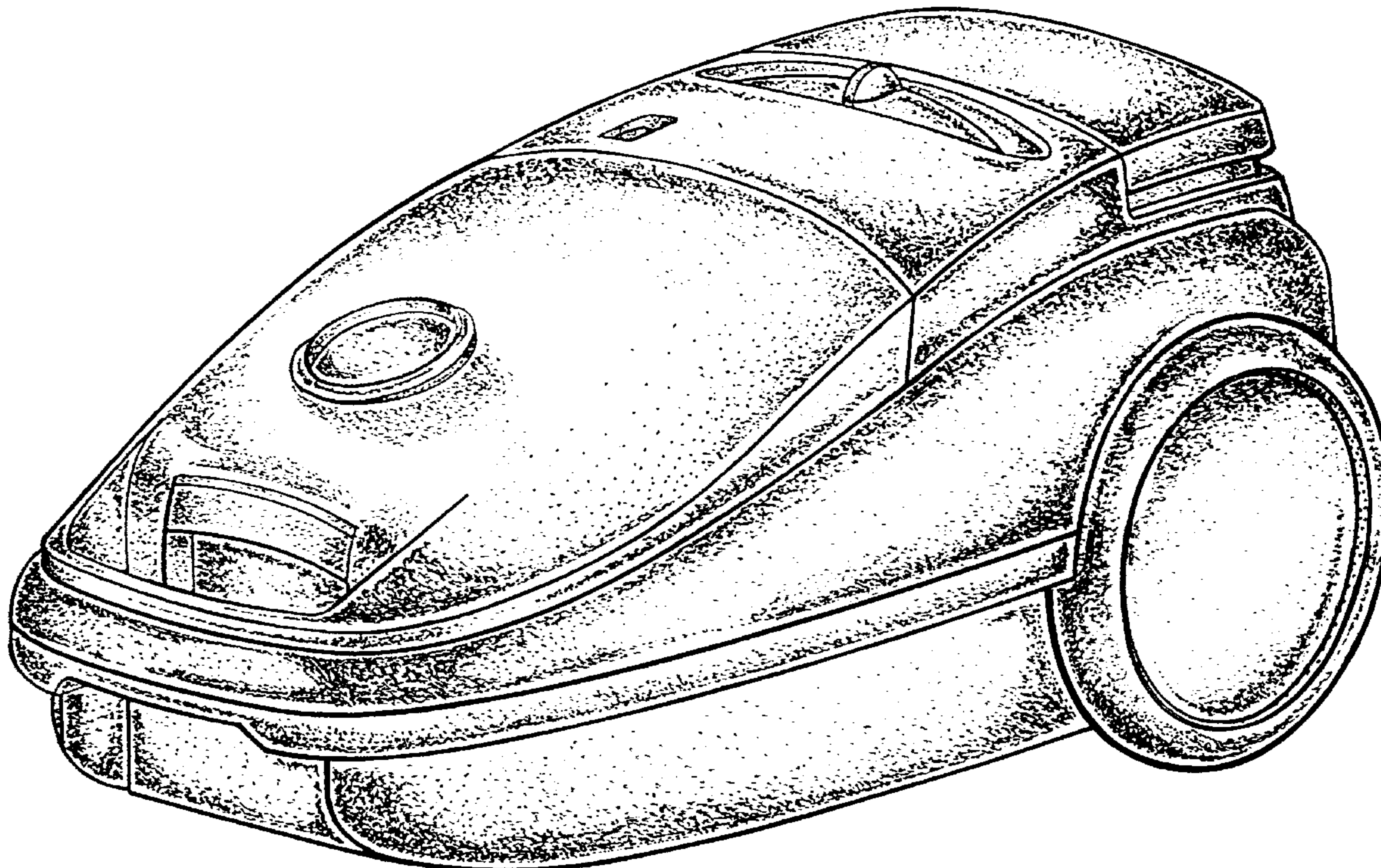
[57] **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front and right side perspective view of a vacuum cleaner showing my new design; FIG. 2 is a top, rear and right side perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is a left side elevational view thereof.

1 Claim, 8 Drawing Sheets



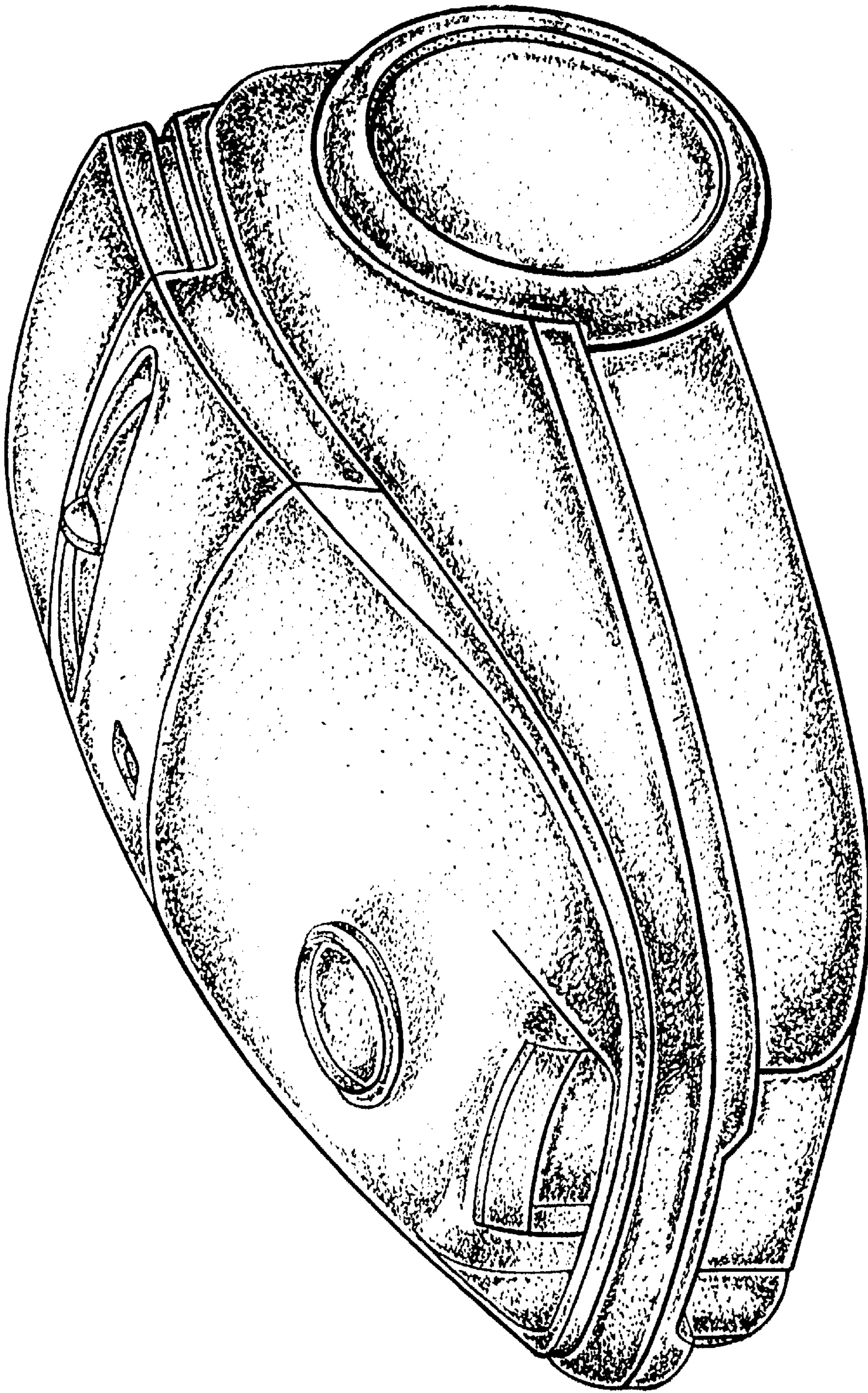


FIG. 1

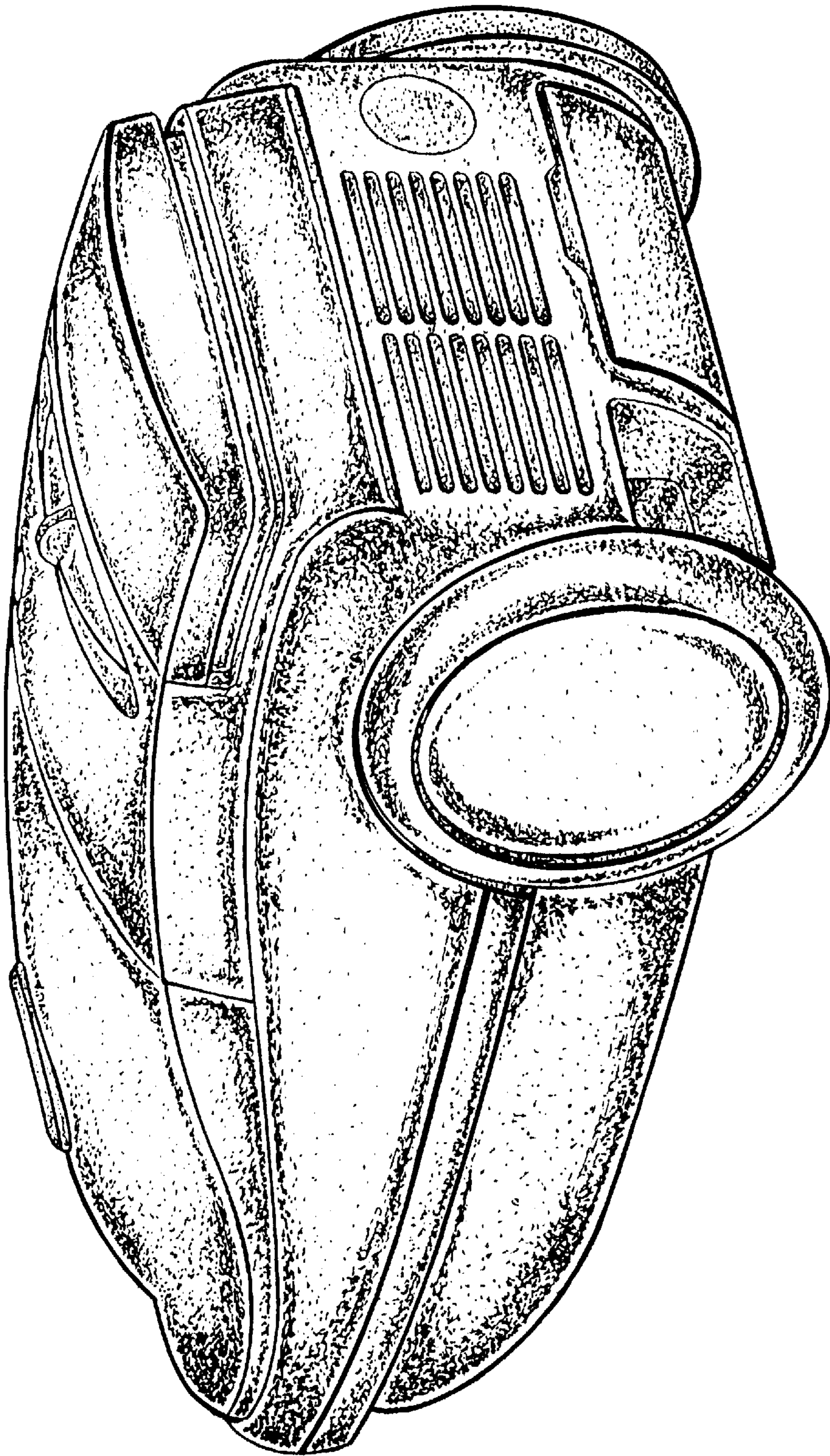


FIG. 2

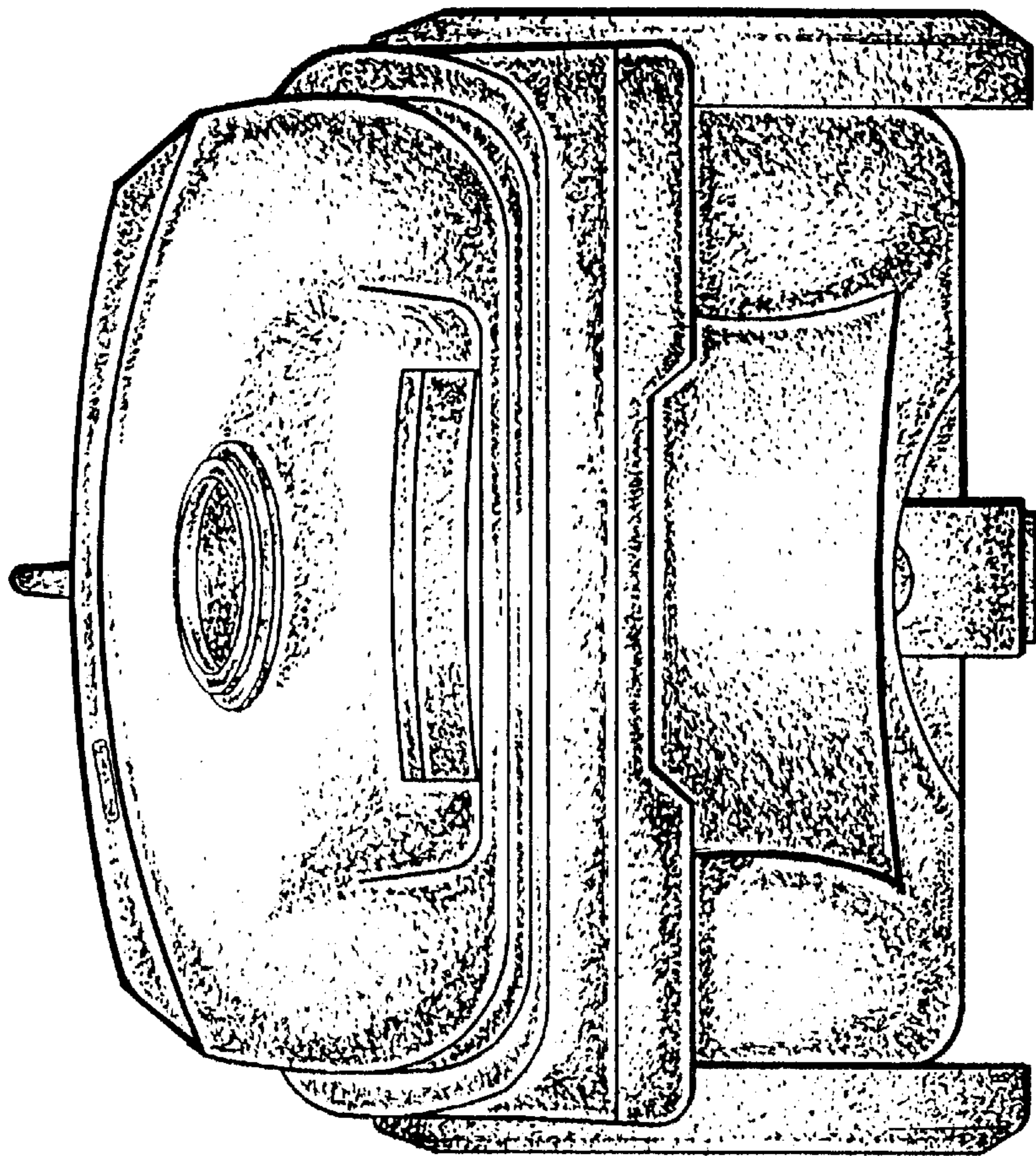


FIG. 3

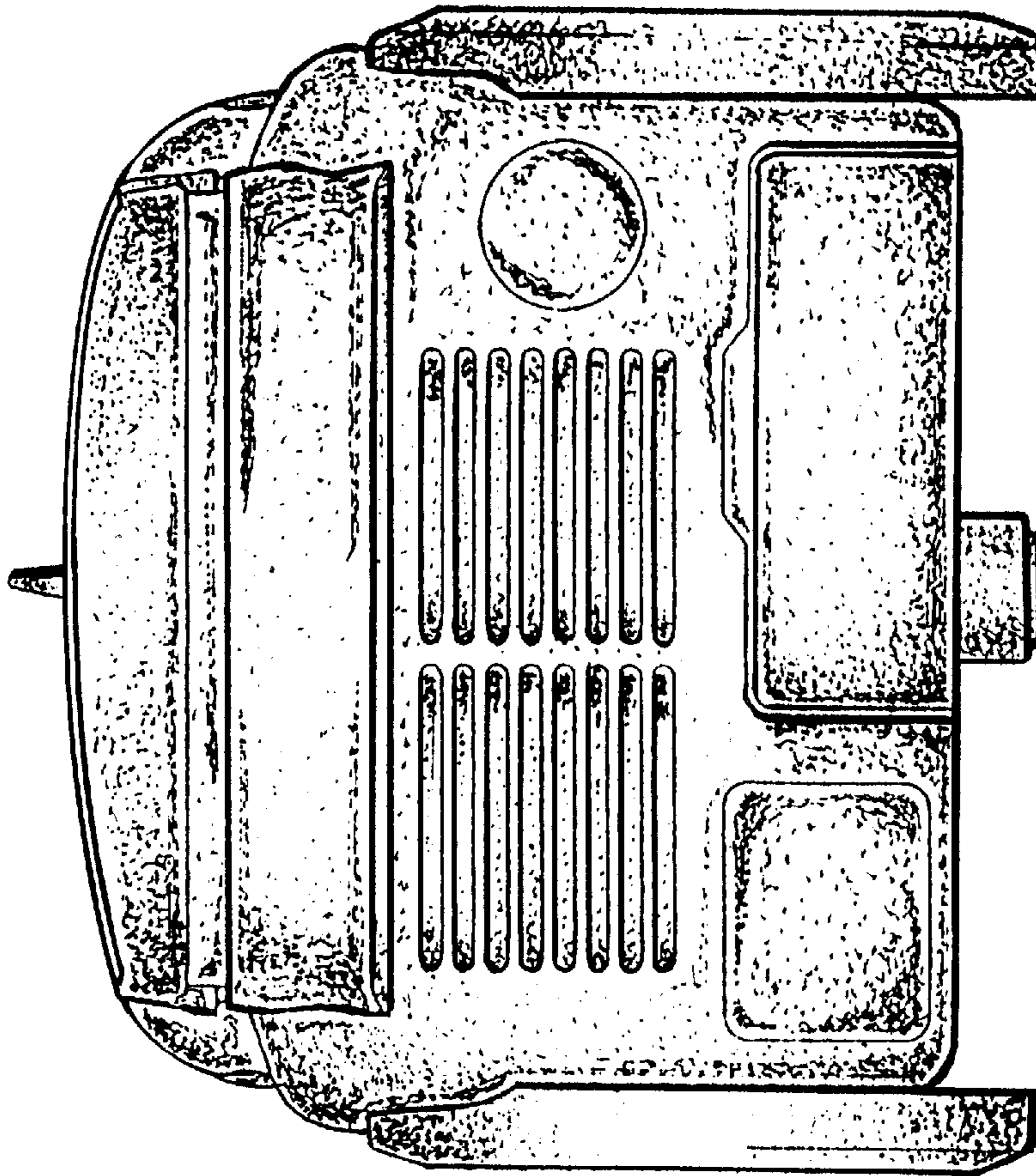


FIG. 4

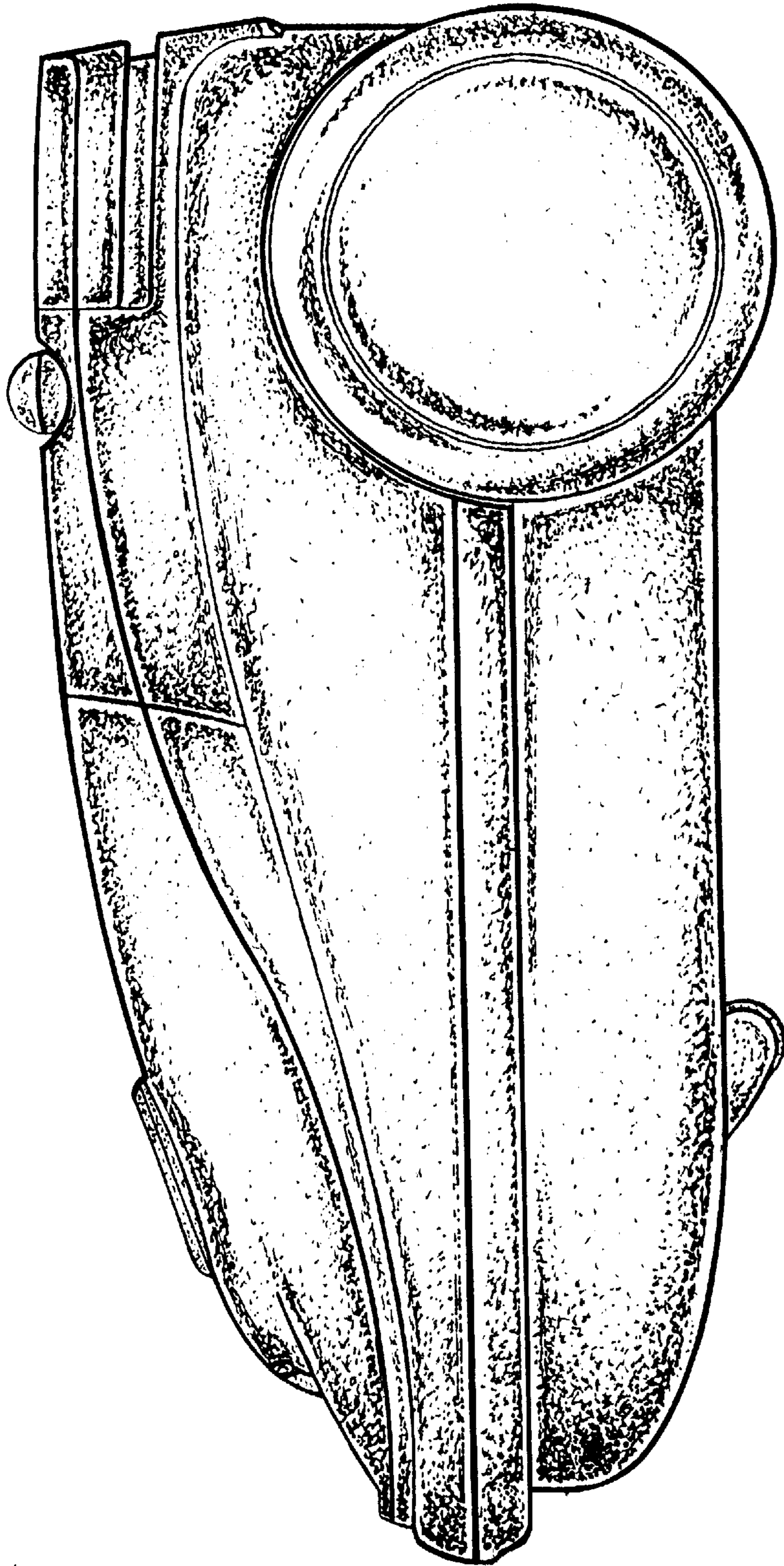


FIG. 5

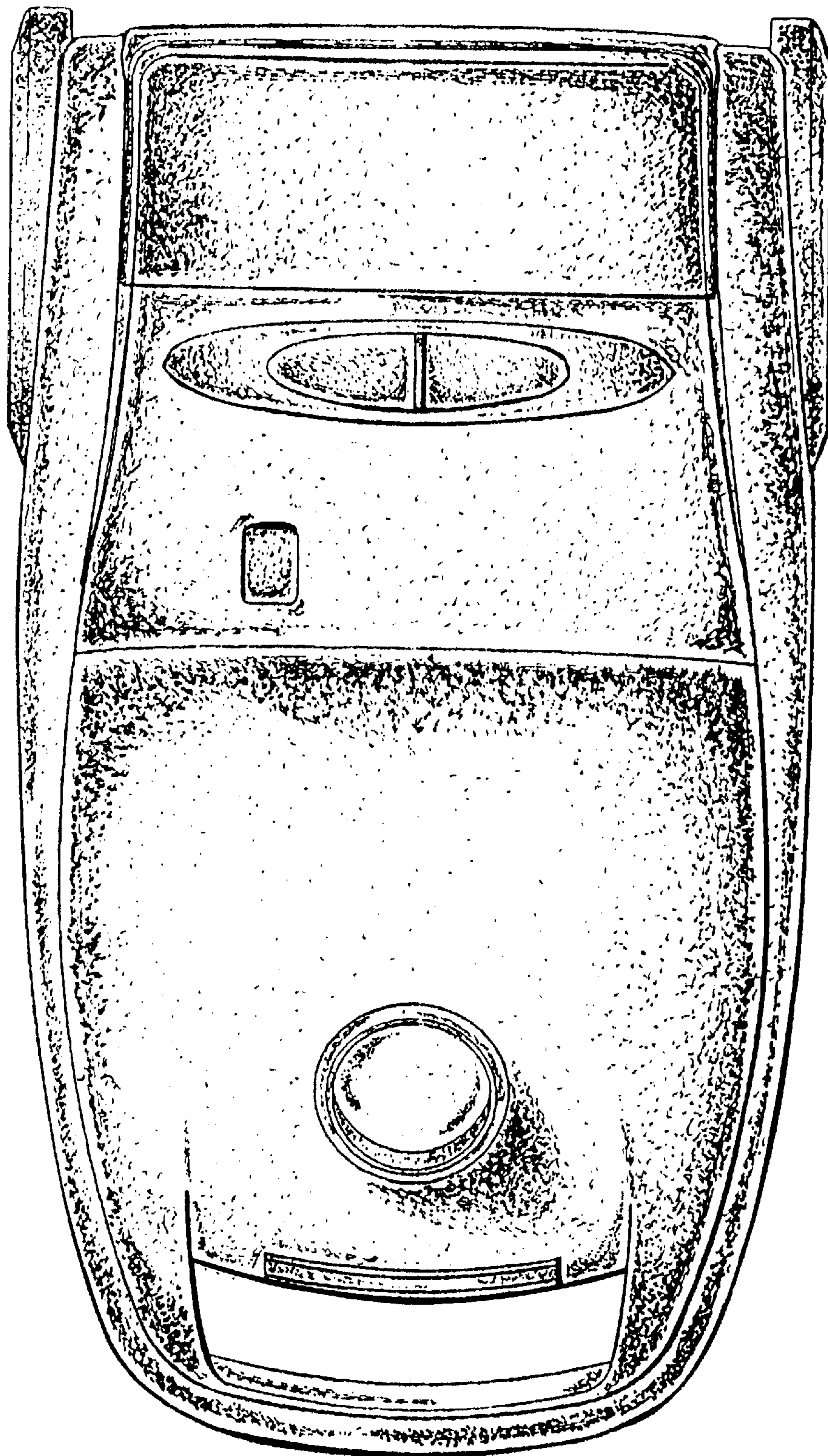


FIG. 6

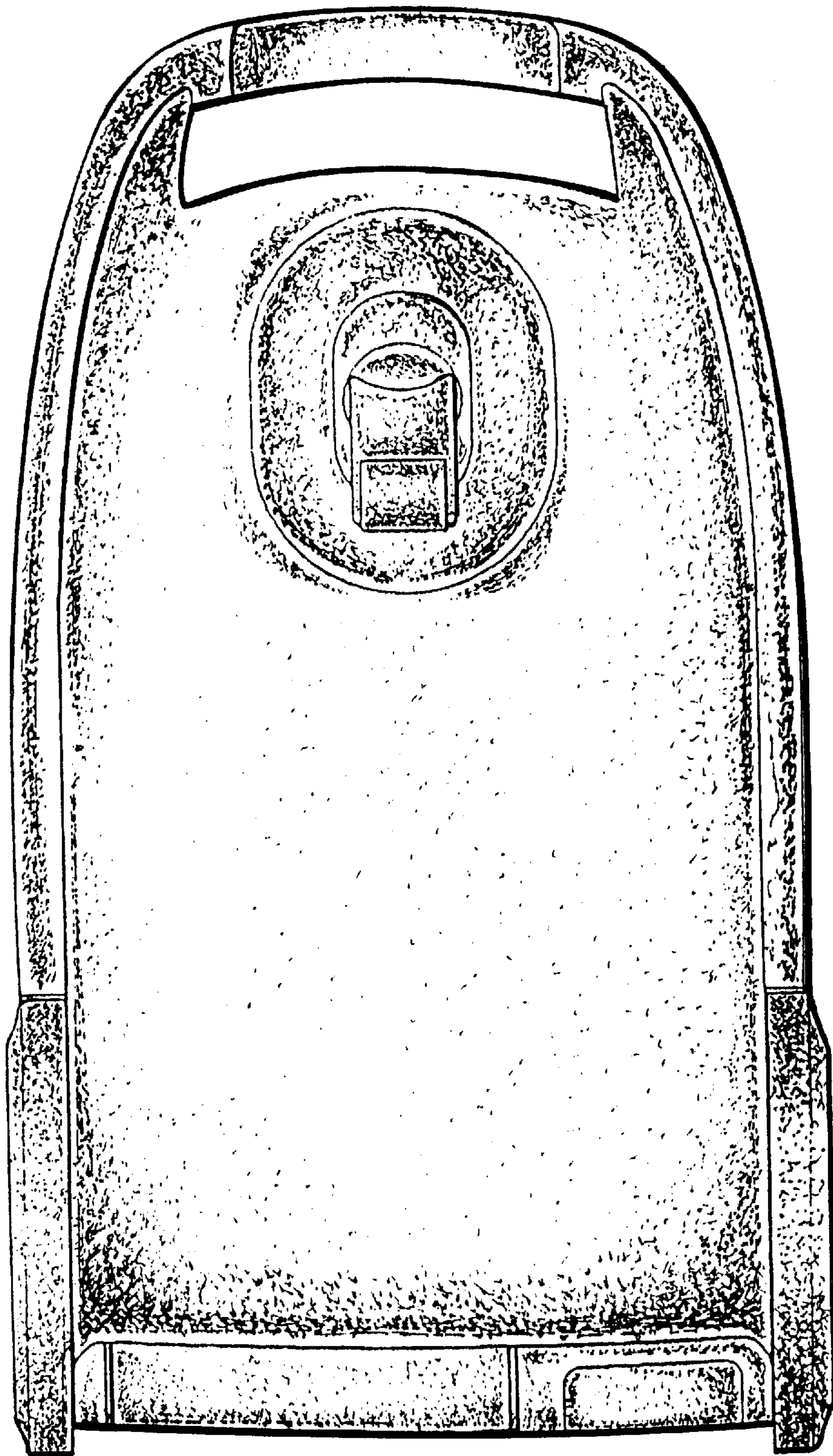


FIG. 7

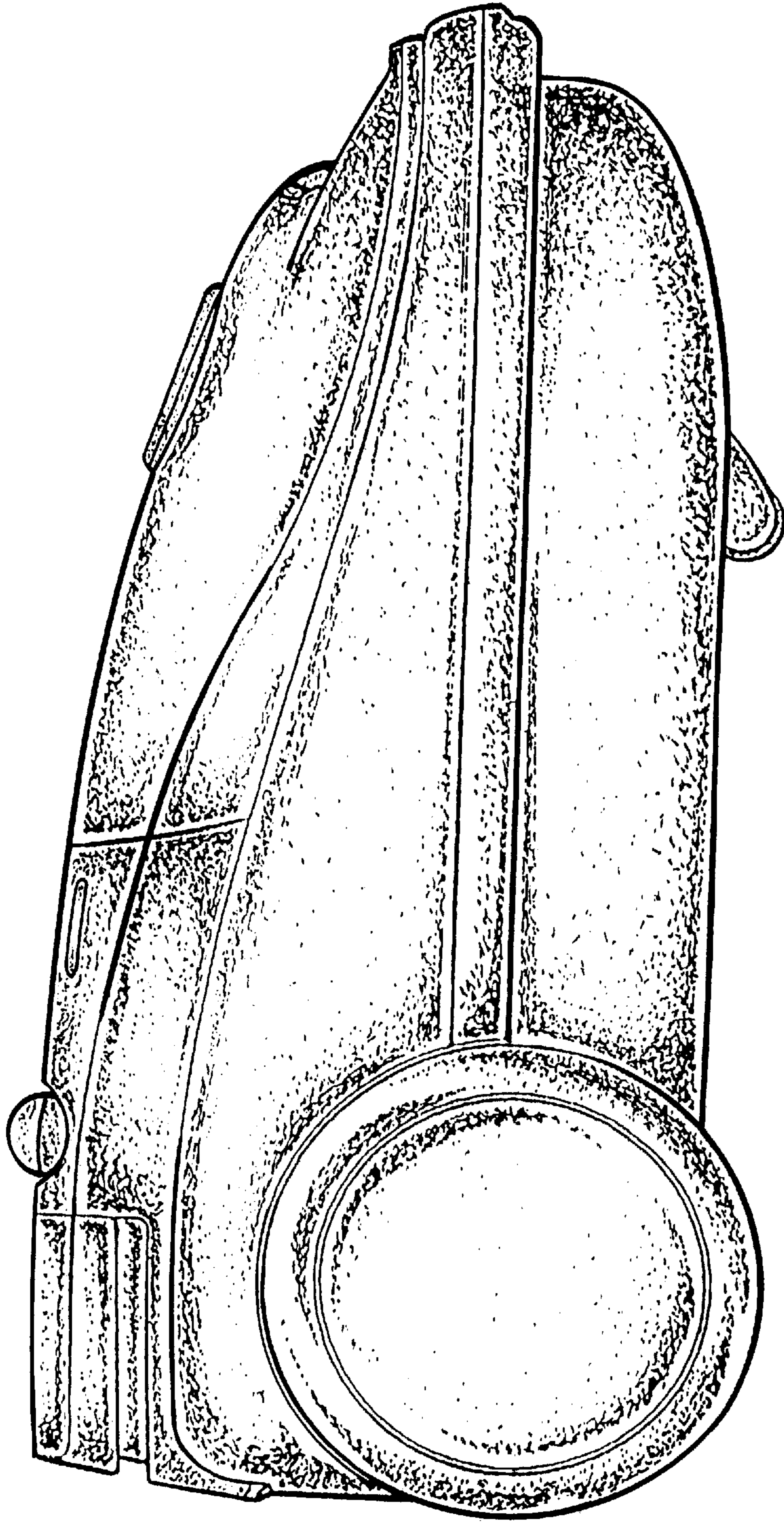


FIG. 8