



US00D938117S

(12) **United States Design Patent** (10) **Patent No.:** **US D938,117 S**
Dingert (45) **Date of Patent:** **** Dec. 7, 2021**

(54) **FLOOR CLEANER**

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(72) Inventor: **Uwe Dingert**, Abtsteinach (DE)

(73) Assignee: **CARL FREUDENBERG KG**, Weinheim (DE)

(**) Term: **15 Years**

(21) Appl. No.: **29/682,012**

(22) Filed: **Mar. 1, 2019**

(30) **Foreign Application Priority Data**

Sep. 10, 2018 (EM) 5635562

(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/22**

(58) **Field of Classification Search**
USPC D32/15, 17, 18, 21, 23, 24, 31; D21/526
(Continued)

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(Continued)

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(57) **CLAIM**

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

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a front view of the floor cleaner showing a first embodiment of my new design;

FIG. 2 is a rear view thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view of the first embodiment of the floor cleaner; and

FIG. 7 is a front-left perspective view thereof;

FIG. 8 is a front view of the floor cleaner showing a second embodiment of my new design;

FIG. 9 is a rear view thereof;

FIG. 10 is a left side view thereof;

FIG. 11 is a right side view thereof;

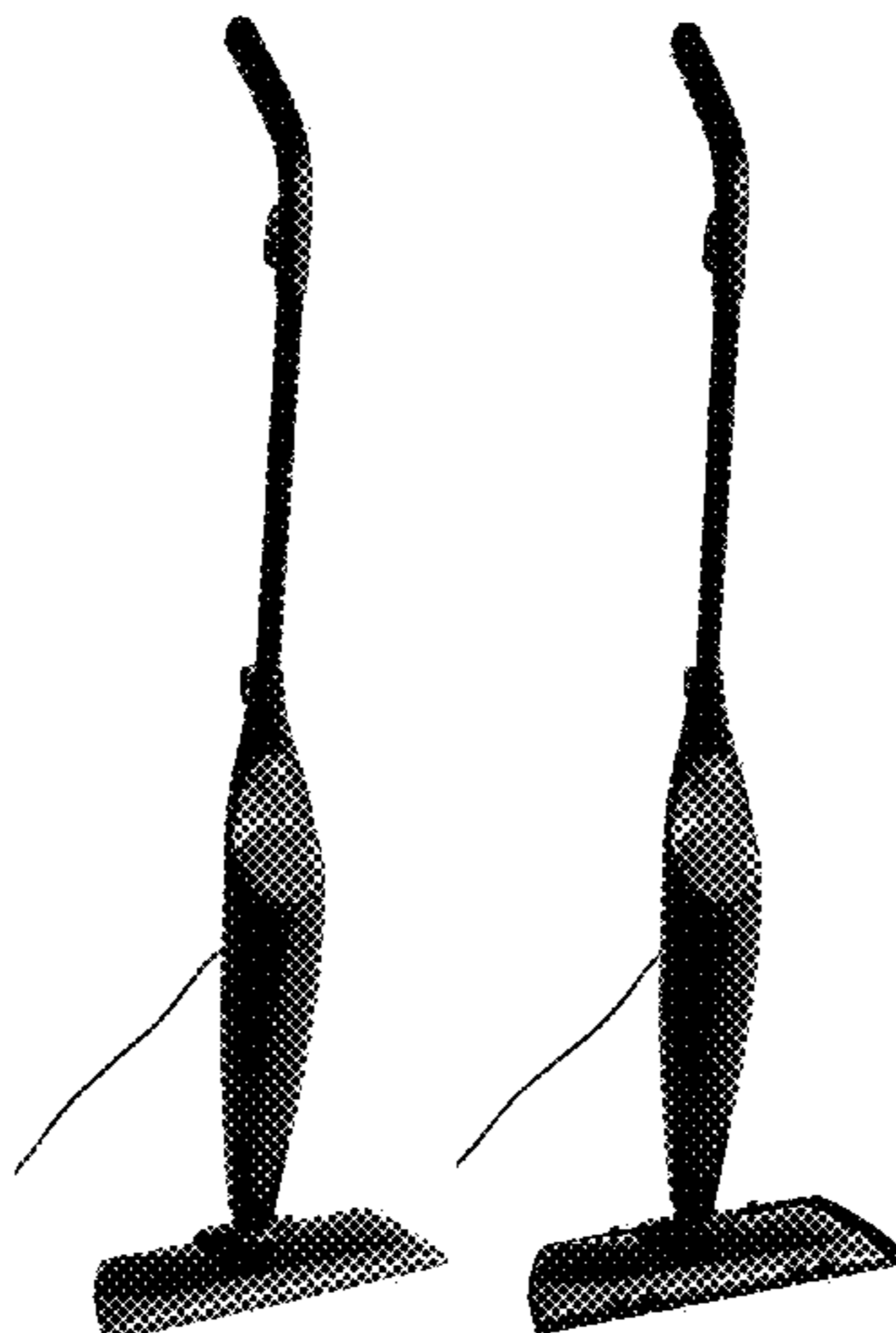
FIG. 12 is a top view thereof;

FIG. 13 is a bottom view of the second embodiment of the floor cleaner; and,

FIG. 14 is a front-left perspective view thereof.

The dot-dash broken lines in the figures and the lower opacity areas within the dot-dash lines, show portions of the floor cleaner that form no part of the claimed design.

1 Claim, 14 Drawing Sheets
(14 of 14 Drawing Sheet(s) Filed in Color)



(58) **Field of Classification Search**

CPC ... A47L 5/24; A47L 5/225; A47L 5/28; A47L 5/30; A47L 5/34; A47L 5/362; A47L 5/365; A47L 9/0411; A47L 9/1409; A47L 9/1481; A47L 9/16; A47L 9/1608; A47L 9/1675; A47L 9/1683; A47L 9/1691; A47L 9/2852; A47L 9/32; A47L 9/322; A47L 9/325; A47L 11/20; A47L 11/24; A47L 11/26; A47L 11/28; A47L 11/30; A47L 11/302; A47L 11/34; A47L 11/4011; A47L 11/4036; A47L 11/4044; A47L 11/4052; A47L 11/4083; A47L 13/225; A47L 2201/00; A47L 2201/022; A14L 7/0004; A14L 7/0095; B23Q 11/0046; B23Q 11/0071; B25D 16/00; B04C 1/00; B04C 5/185; D01H 11/005; D01H 5/645; F26B 11/12

See application file for complete search history.

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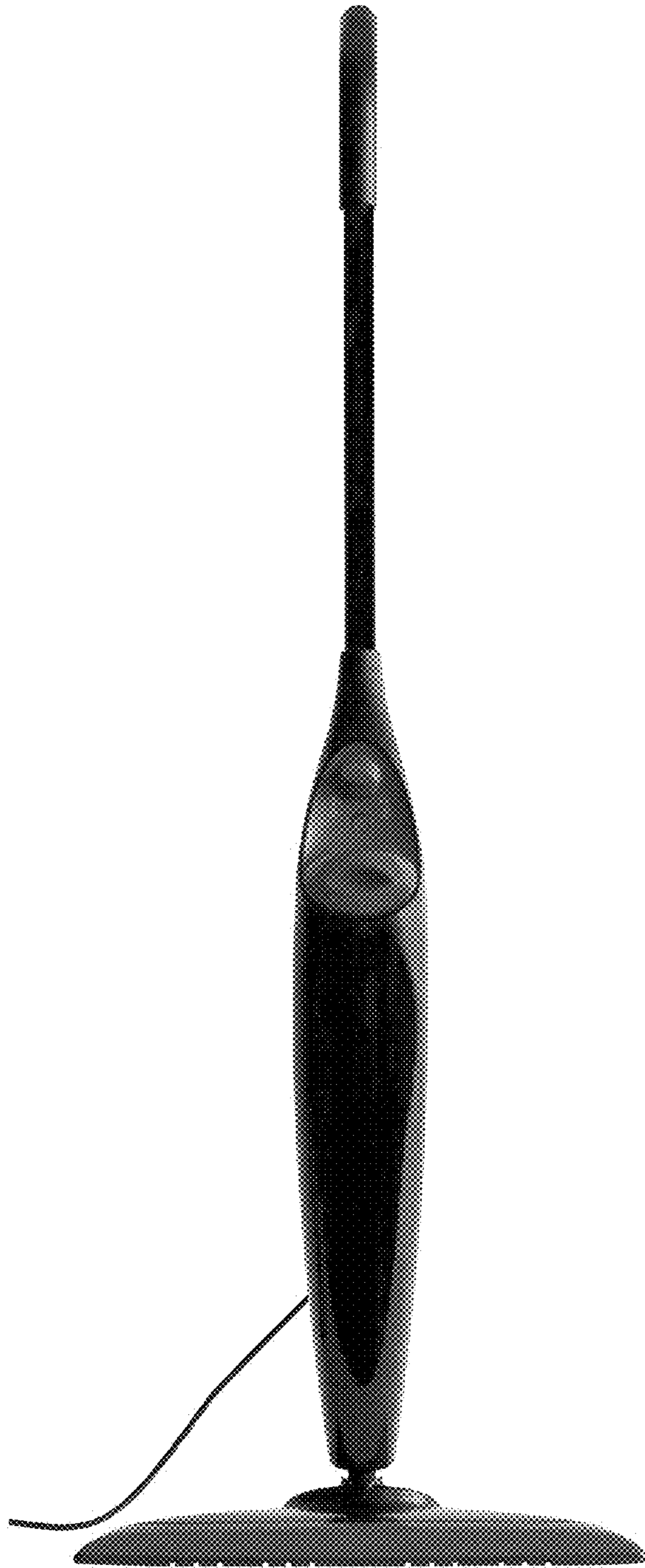


FIG. 1



FIG. 2

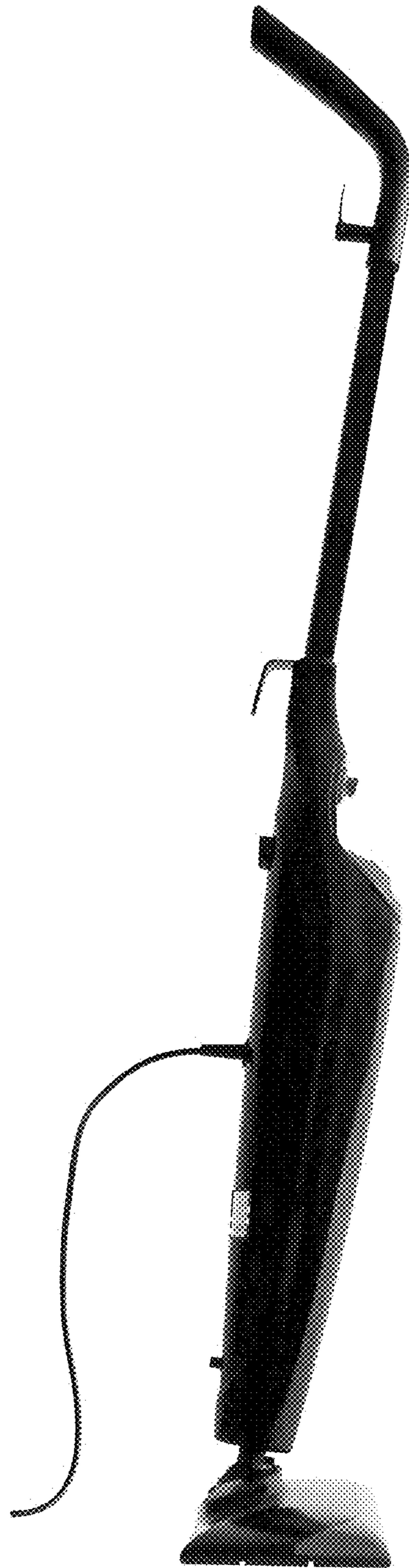


FIG. 3

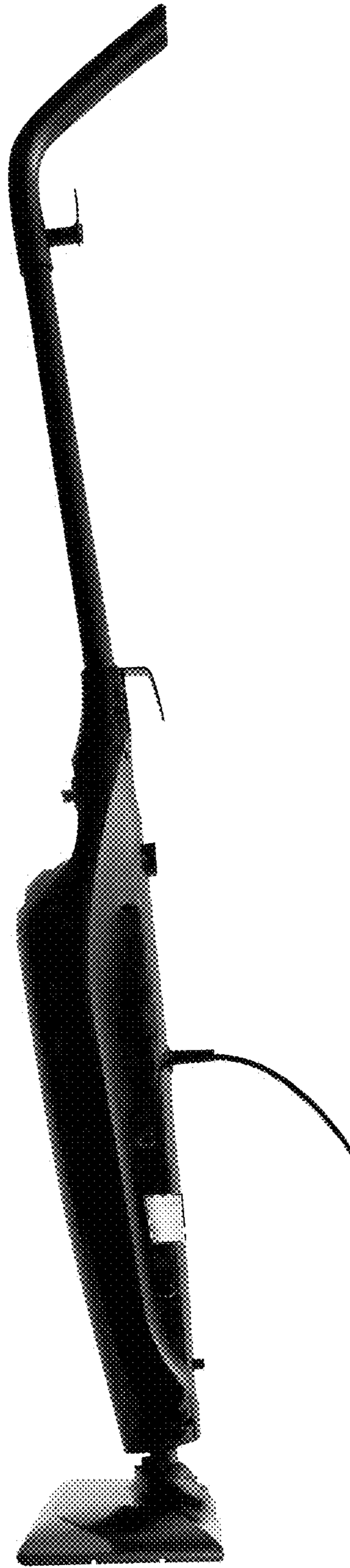


FIG. 4

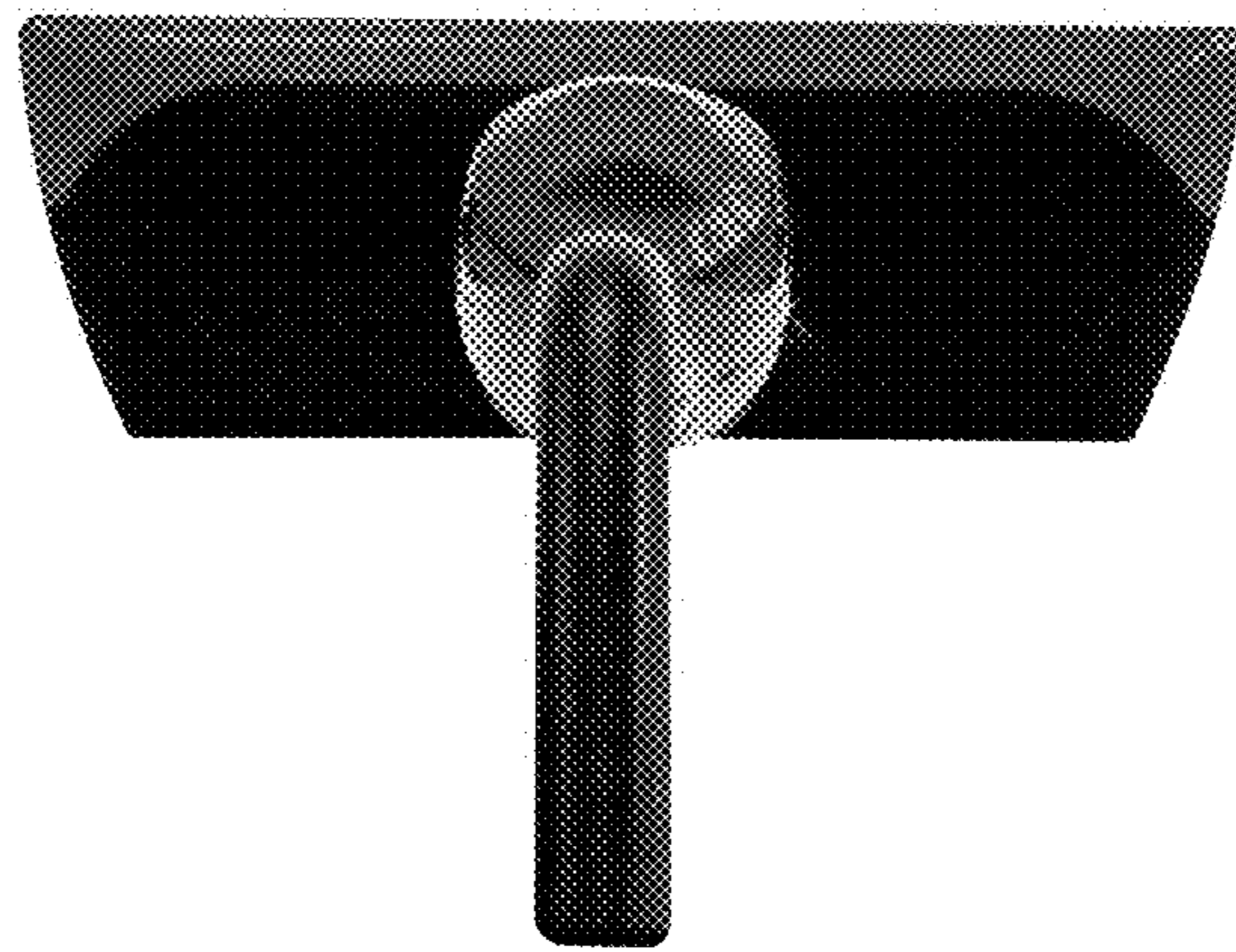


FIG. 5

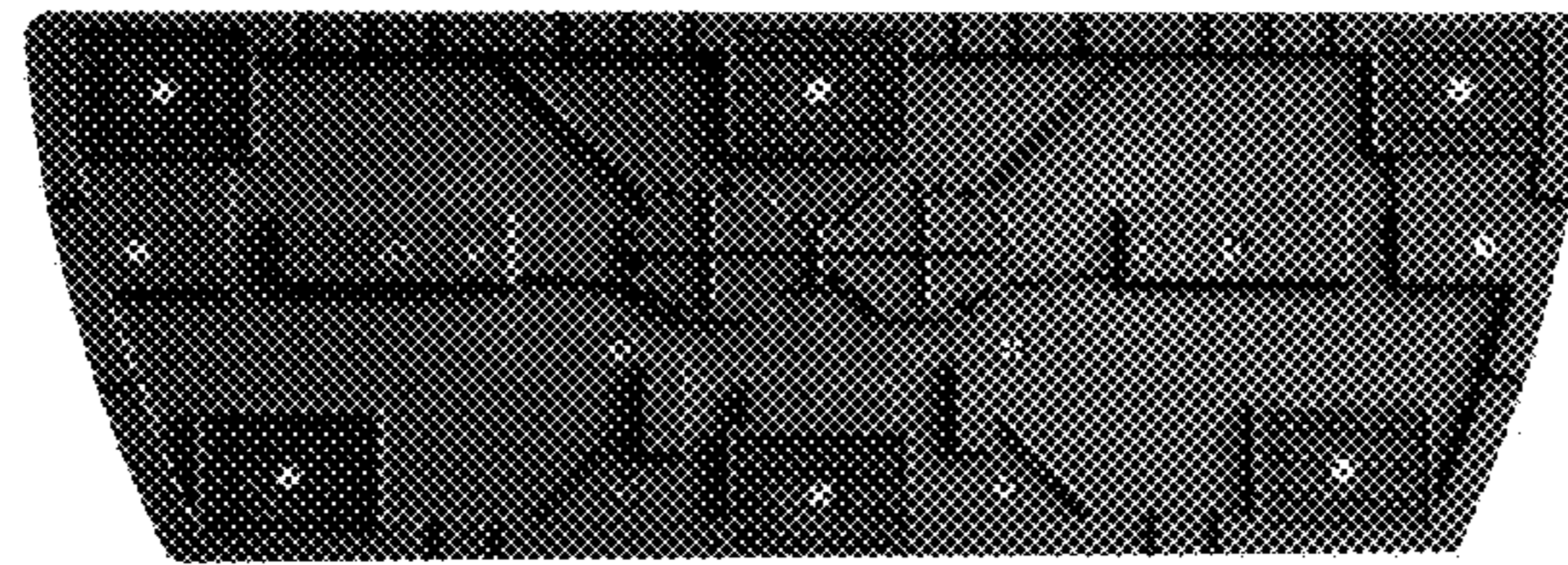


FIG. 6

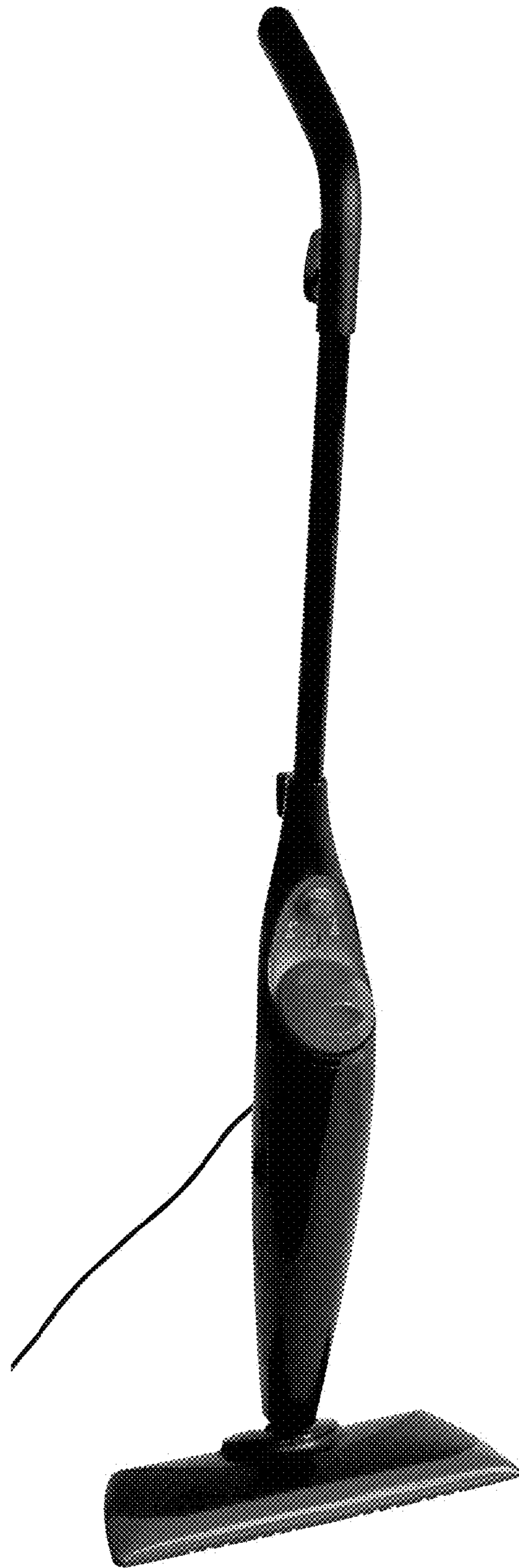


FIG. 7

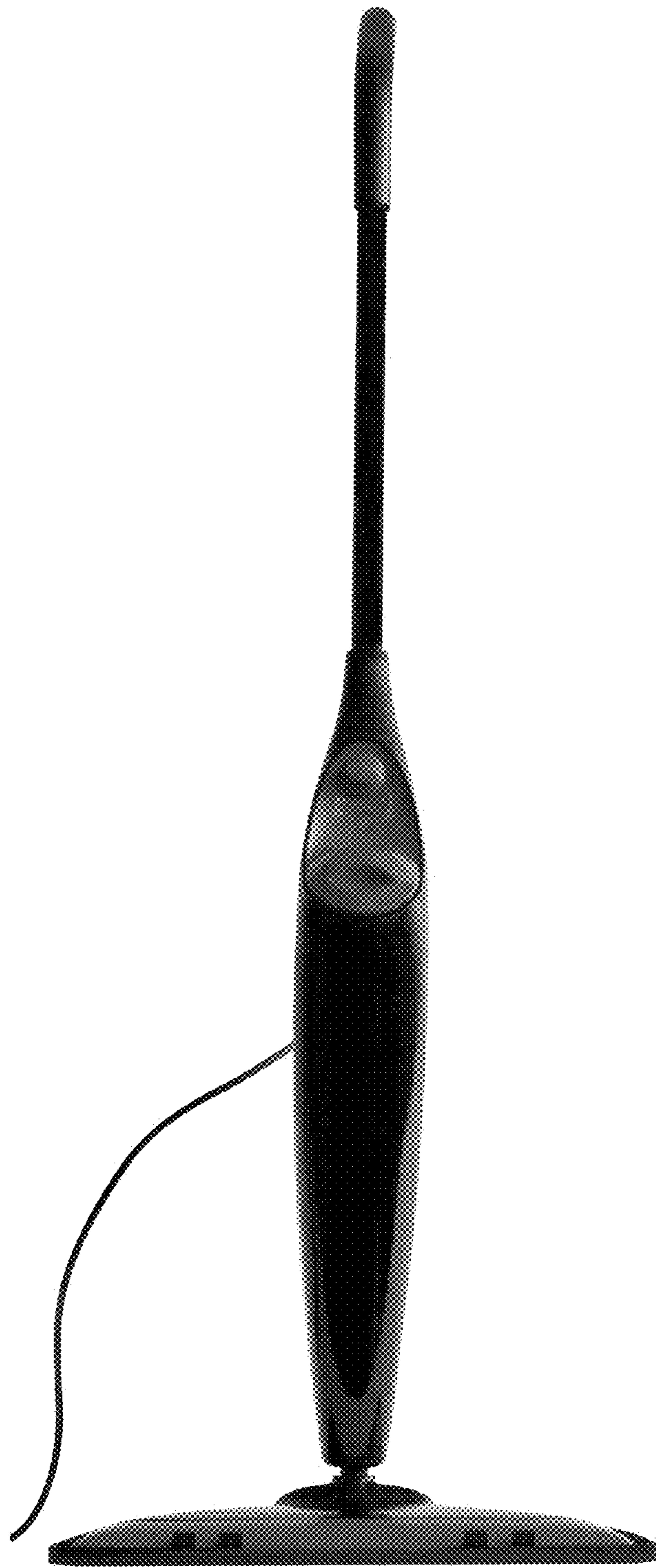


FIG. 8



FIG. 9

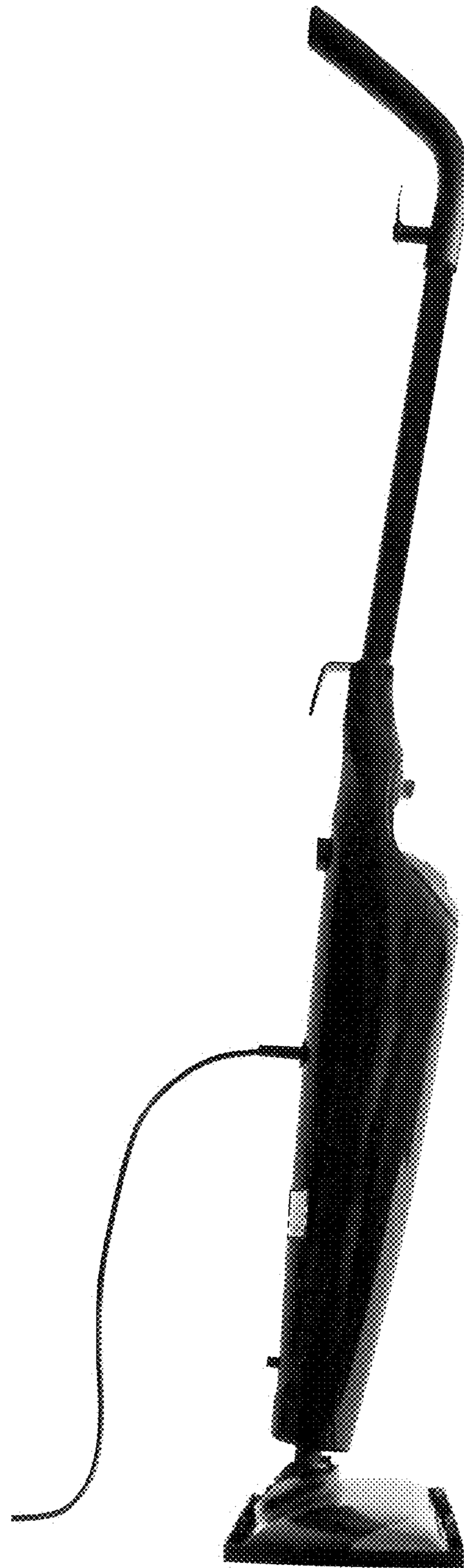


FIG. 10

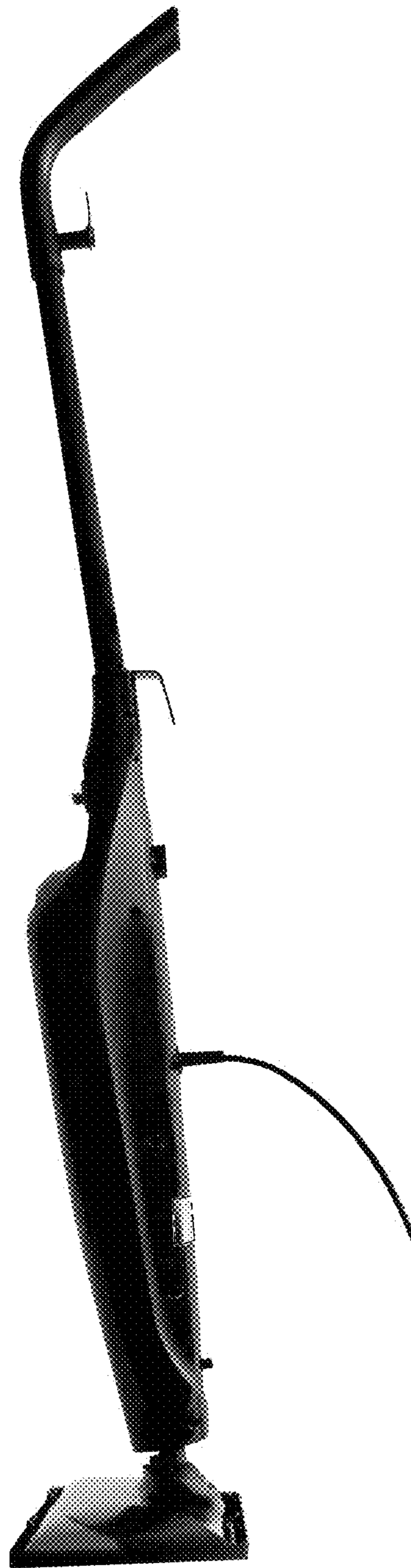


FIG. 11

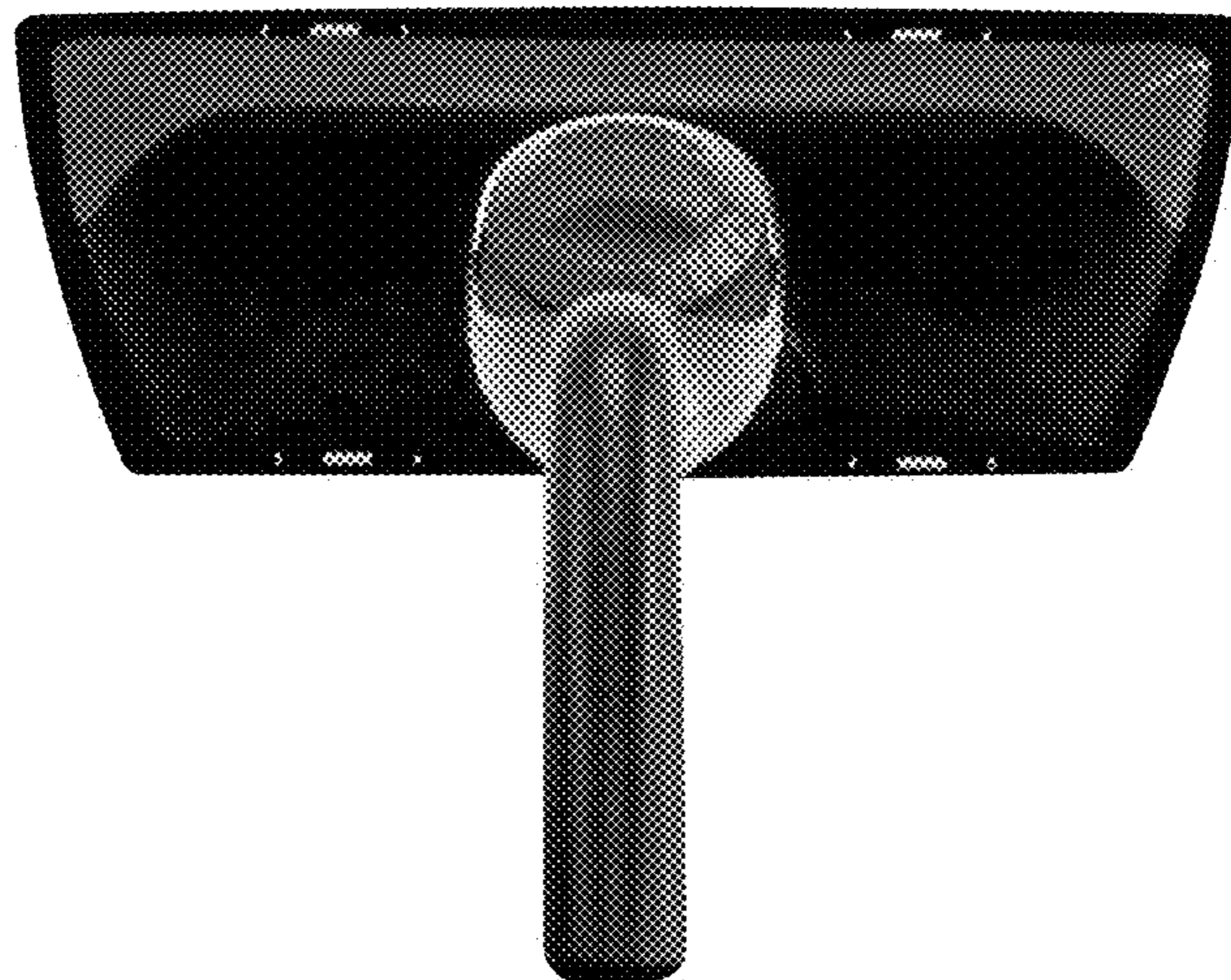


FIG. 12

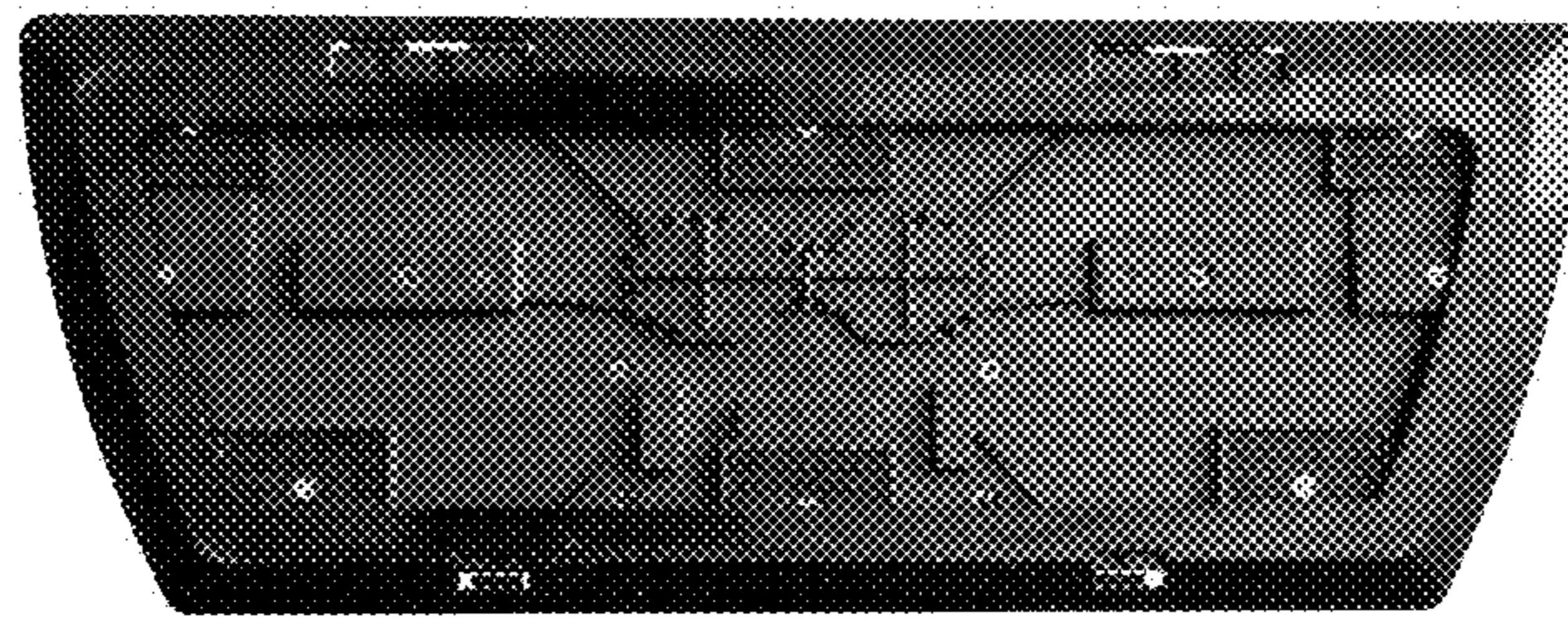


FIG. 13



FIG. 14