



US00D874751S

(12) **United States Design Patent**  
**Smith**

(10) **Patent No.:** **US D874,751 S**  
(45) **Date of Patent:** **\*\* Feb. 4, 2020**

(54) **HANDHELD ANIMAL WASTE COLLECTION APPARATUS**

**DESCRIPTION**

(71) Applicant: **I and L Investments Pty Ltd**, Victoria (AU)

(72) Inventor: **Ian Smith**, Victoria (AU)

(73) Assignee: **I and L Investments Pty Ltd.**, Nunawading, Victoria (AU)

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

(21) Appl. No.: **29/625,462**

(22) Filed: **Nov. 9, 2017**

(30) **Foreign Application Priority Data**

May 9, 2017 (AU) ..... 201712762

(51) **LOC (12) Cl.** ..... **30-99**

(52) **U.S. Cl.**  
USPC ..... **D30/162**

(58) **Field of Classification Search**  
USPC ..... D30/162, 199; 273/447; D8/1, 13, 10,  
D8/11, 14, 6; D34/1, 10, 28, 34, 35;  
(Continued)

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*Primary Examiner* — Susan Moon Lee

(74) *Attorney, Agent, or Firm* — Klarquist Sparkman, LLP

(57) **CLAIM**

I claim the ornamental design for an handheld animal waste collection apparatus, as shown and described.

FIG. 1 is a rear elevation view of a handheld animal waste collection apparatus in accordance with the present design; FIG. 2 is a front elevation view of the apparatus of FIG. 1; FIG. 3 is a side elevation view of the apparatus of FIG. 1; FIG. 4 is a bottom view of the apparatus of FIG. 1; FIG. 5 is a top view of the apparatus of FIG. 1; FIG. 6 is a rear upper perspective view of the apparatus of FIG. 1; FIG. 7 is a rear lower perspective view of the apparatus of FIG. 1; FIG. 8 is a front upper perspective view of the apparatus of FIG. 1; FIG. 9 is a front lower perspective view of the apparatus of FIG. 1; FIG. 10 is a rear elevation view of the handheld animal waste collection apparatus according to a second embodiment; FIG. 11 is a front elevation view of the apparatus of FIG. 10; FIG. 12 is a side elevation view of the apparatus of FIG. 10; FIG. 13 is a bottom view of the apparatus of FIG. 10; FIG. 14 is a top view of the apparatus of FIG. 10; FIG. 15 is a rear upper perspective view of the apparatus of FIG. 10; FIG. 16 is a rear lower perspective view of the apparatus of FIG. 10; FIG. 17 is a front upper perspective view of the apparatus of FIG. 10; FIG. 18 is a front lower perspective view of the apparatus of FIG. 10; FIG. 19 is a front upper perspective view of the receptacle component in the FIGS. 1, 10 and 29 embodiments of the handheld animal waste collection apparatus; FIG. 20 is a rear perspective view thereof; FIG. 21 is a front lower perspective view thereof; FIG. 22 is a first rear upper perspective view thereof; FIG. 23 is a second rear upper perspective view thereof; FIG. 24 is a top view thereof; FIG. 25 is a bottom view thereof; FIG. 26 is a side elevation view thereof; FIG. 27 is a front elevation view thereof; FIG. 28 is a rear elevation view thereof;

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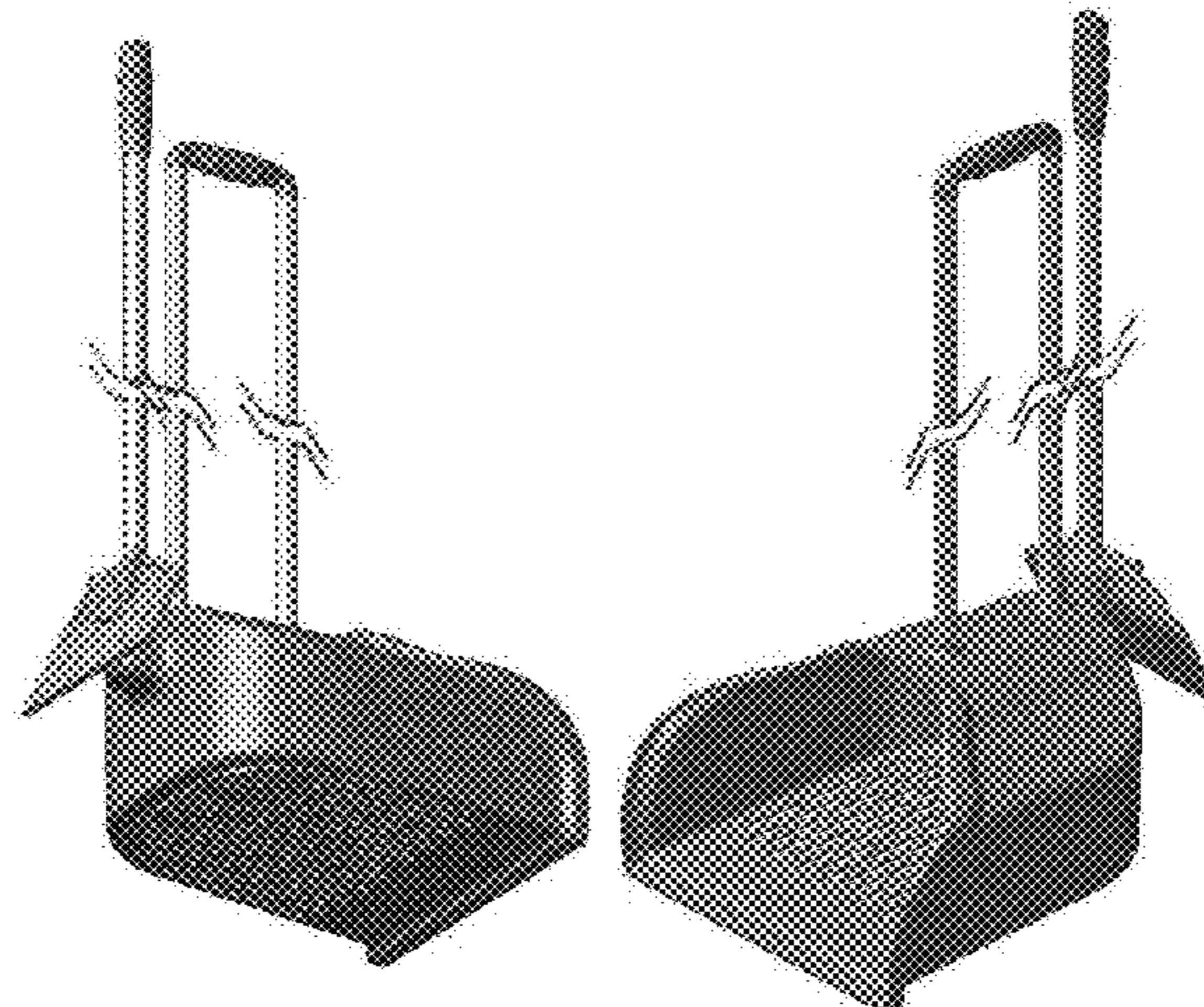


FIG. 29 is a rear elevation view of the handheld animal waste collection apparatus according to a third embodiment; FIG. 30 is a front elevation view of the apparatus of FIG. 29; FIG. 31 is a side elevation view of the apparatus of FIG. 29; FIG. 32 is a bottom elevation view of the apparatus of FIG. 29; FIG. 33 is a top elevation view of the apparatus of FIG. 29; FIG. 34 is a rear upper perspective view of the apparatus of FIG. 29; FIG. 35 is a rear lower perspective view of the apparatus of FIG. 29; and, FIG. 36 is a front upper perspective view of the apparatus of FIG. 29.

The handle stems of the handheld animal waste collection apparatus are shown with a symbolic break in length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

**1 Claim, 36 Drawing Sheets**

**(58) Field of Classification Search**

USPC ..... D21/532; D29/124; D7/642, 644, 683, D7/685, 686, 687, 688; 119/867, 161; 294/1.3-1.5, 19.2, 19.3, 86.4, 86.11, 294/86.19, 86.42, 86.12, 86.17, 86.2, 294/86.21, 86.24, 86.26, 86.32, 87.26, 294/196-198, 210, 111, 49-57; 132/273, 132/277, 283, 284, 128-156, 236, 252, 132/259-263; 15/257.1; 446/424-428, 446/491, 330, 86; 56/400.17, 400.01, 56/400.04-400.11, 400.1, 400.14, 400.16, 56/400.21; 172/371, 373-375, 378, 379, 172/381  
CPC ..... A01K 1/01; A01K 23/005; E01H 1/1206; E01H 1/12; E01H 1/1213; E01H 2001/122; E01H 2001/1226; E01H 2001/1233; E01H 2001/1246; E01H 2001/1293; A63H 17/266; A63H 17/12; A63H 17/26; A63H 23/005; A63H 23/16; A63H 33/3044; A63H 33/3072; B25J 1/02; B25J 1/06; A01B 1/20; A01B 1/22; A01B 1/227; A01D 7/00; A01D 7/02; A01D 7/04; A01D 7/06; A01D 7/08; A01D 7/10; A01D 11/00; A01D 11/06; B25G 1/00; E04D 15/00; E04D 15/003; E04D 15/006; Y10T 403/40; Y10T 403/46; Y10T 403/7005

See application file for complete search history.

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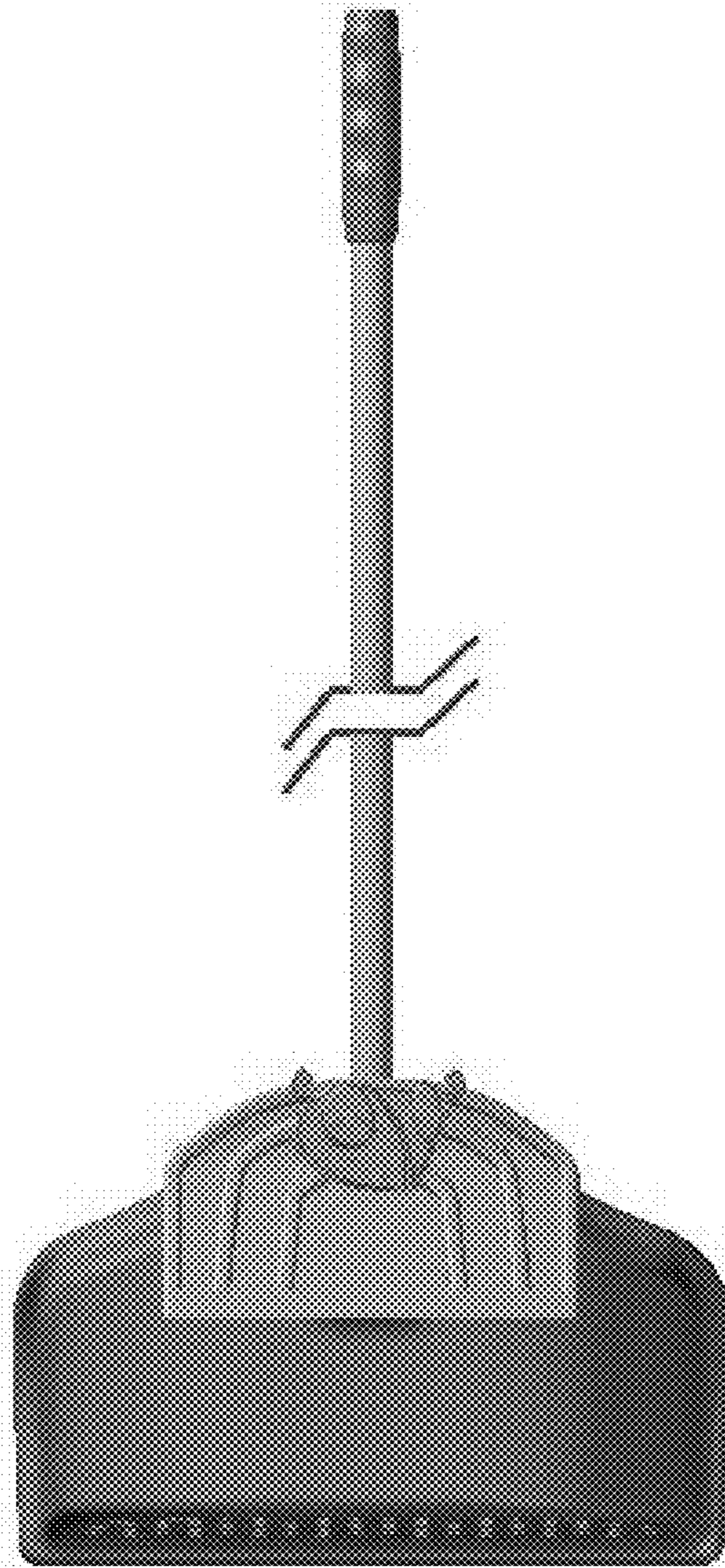


FIGURE 1

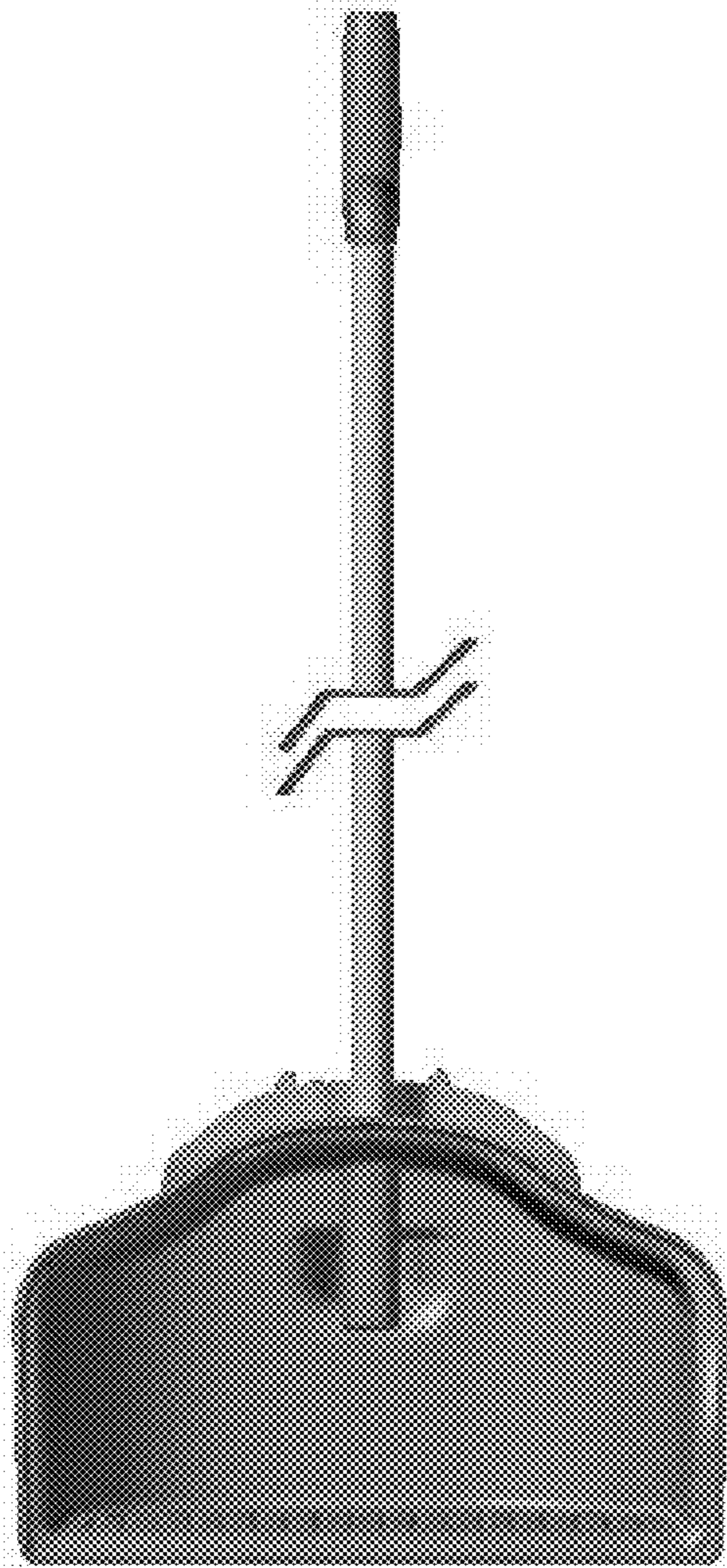


FIGURE 2

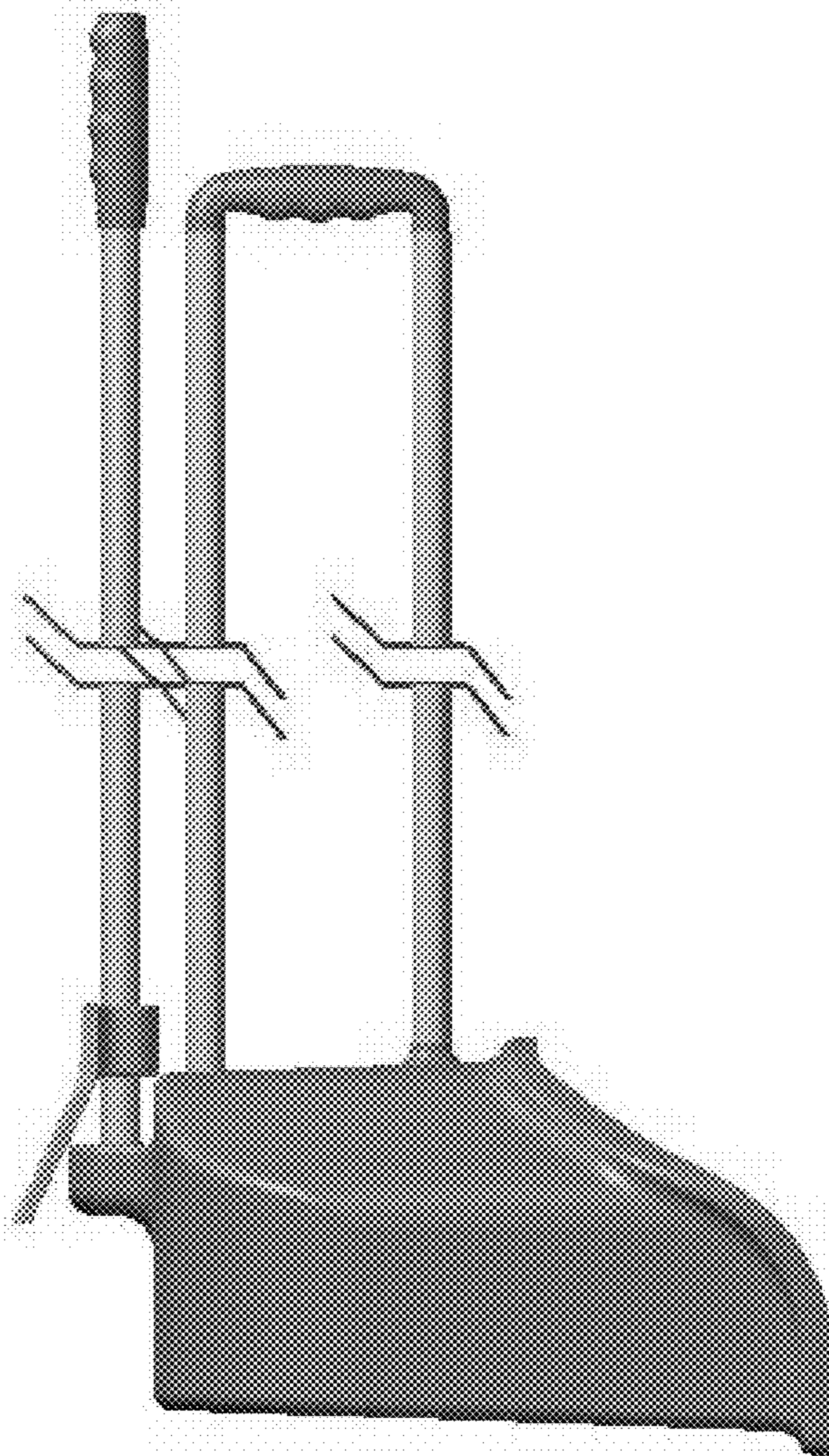


FIGURE 3

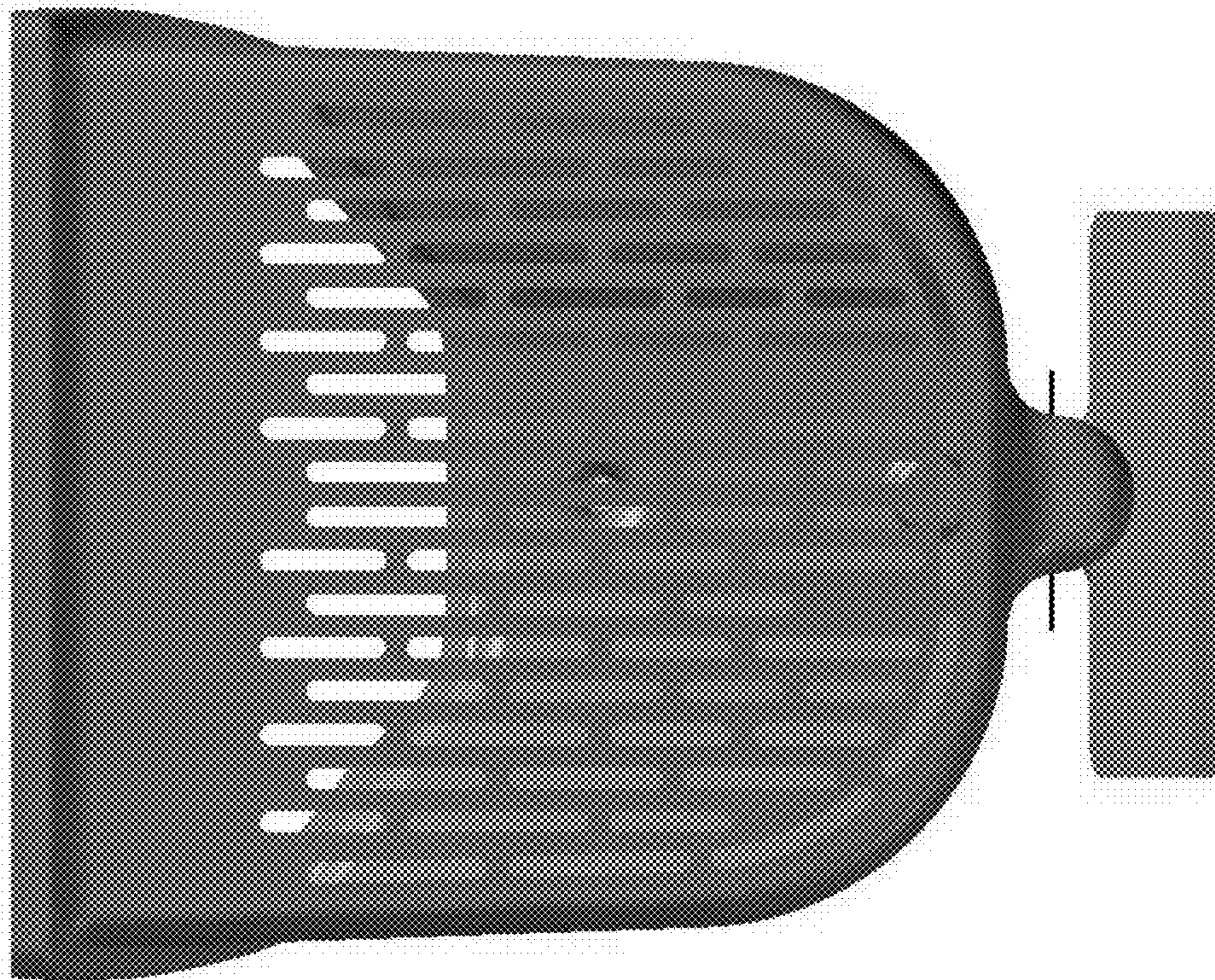


FIGURE 4

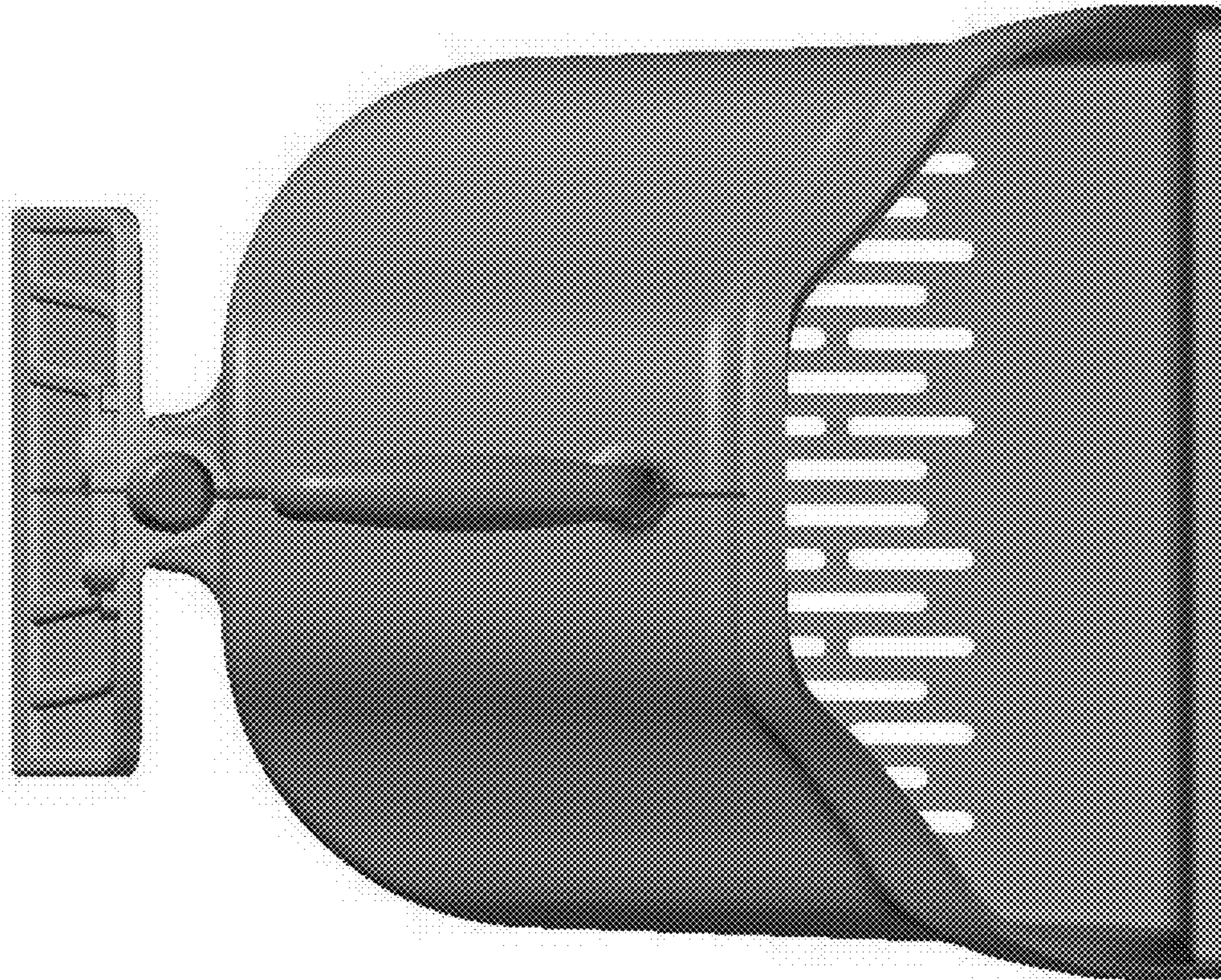


FIGURE 5

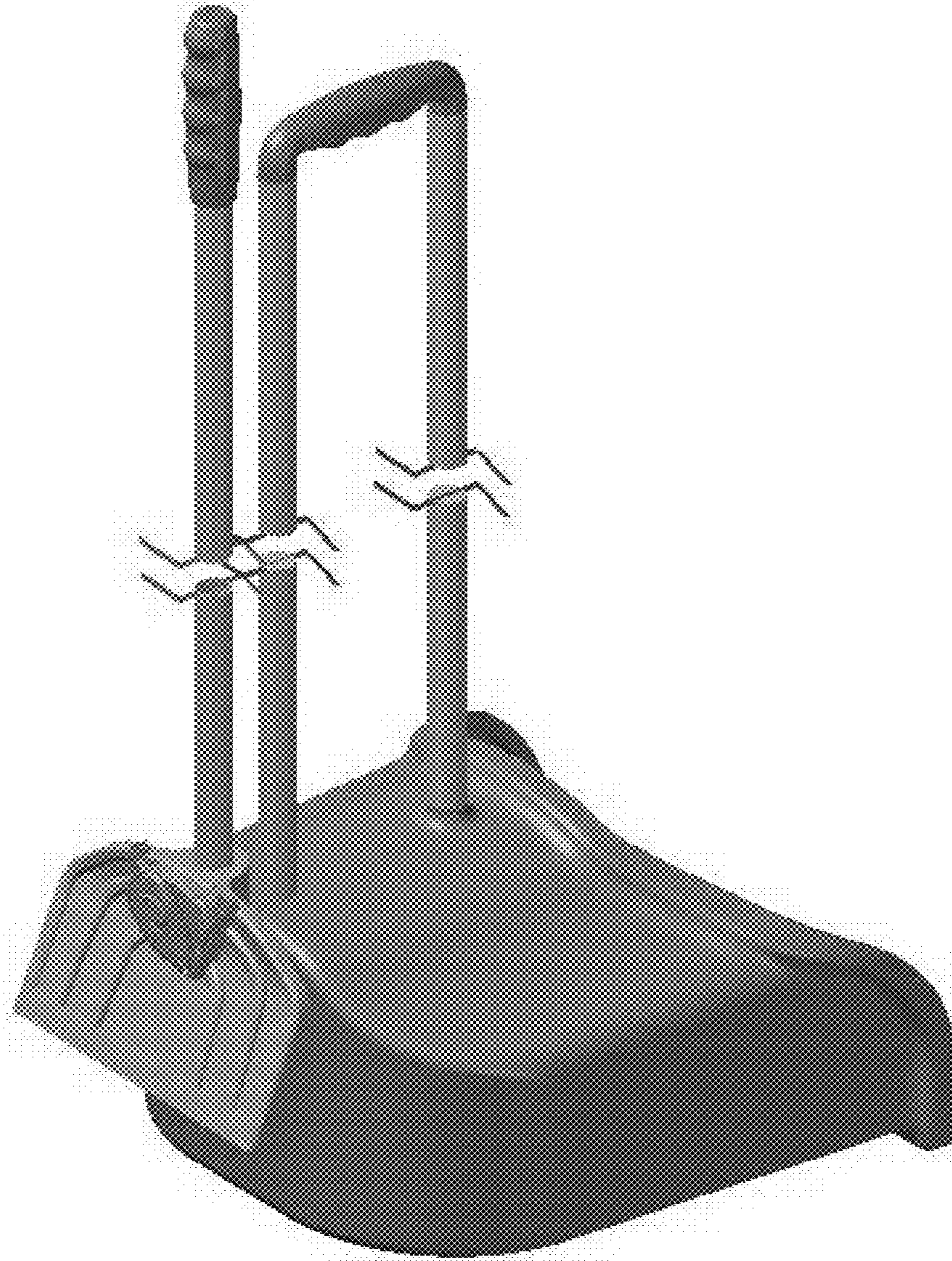


FIGURE 6



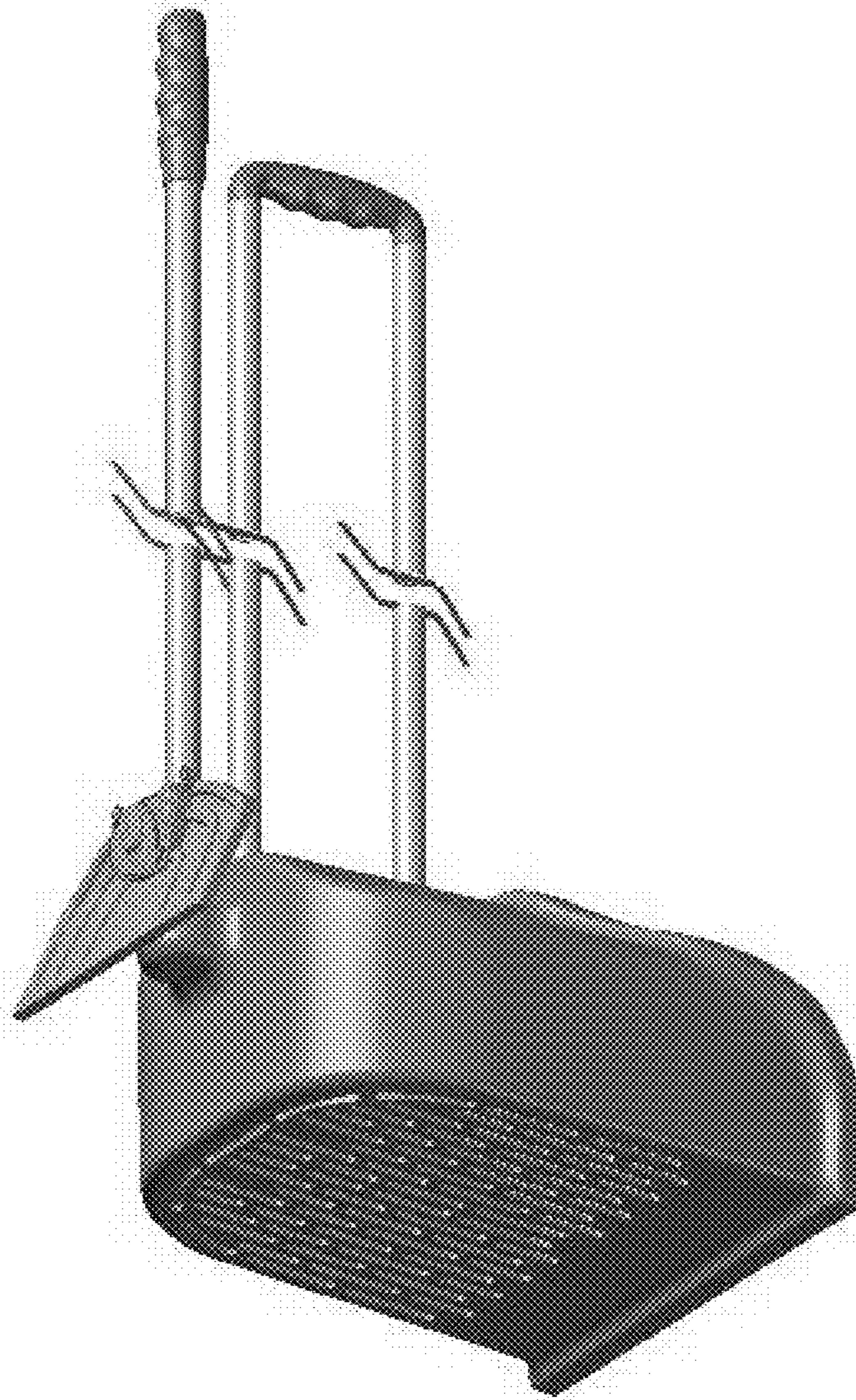


FIGURE 7

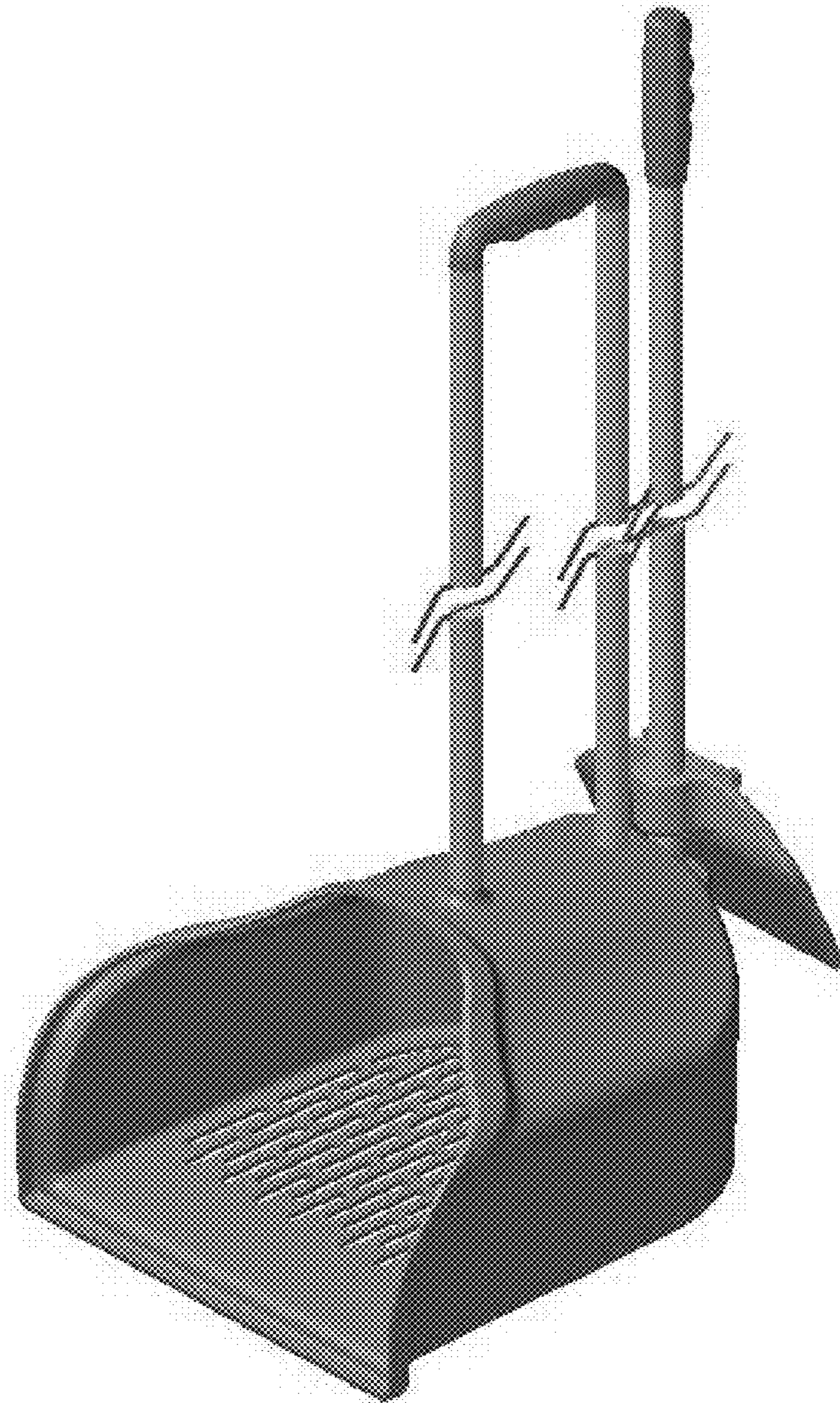


FIGURE 8

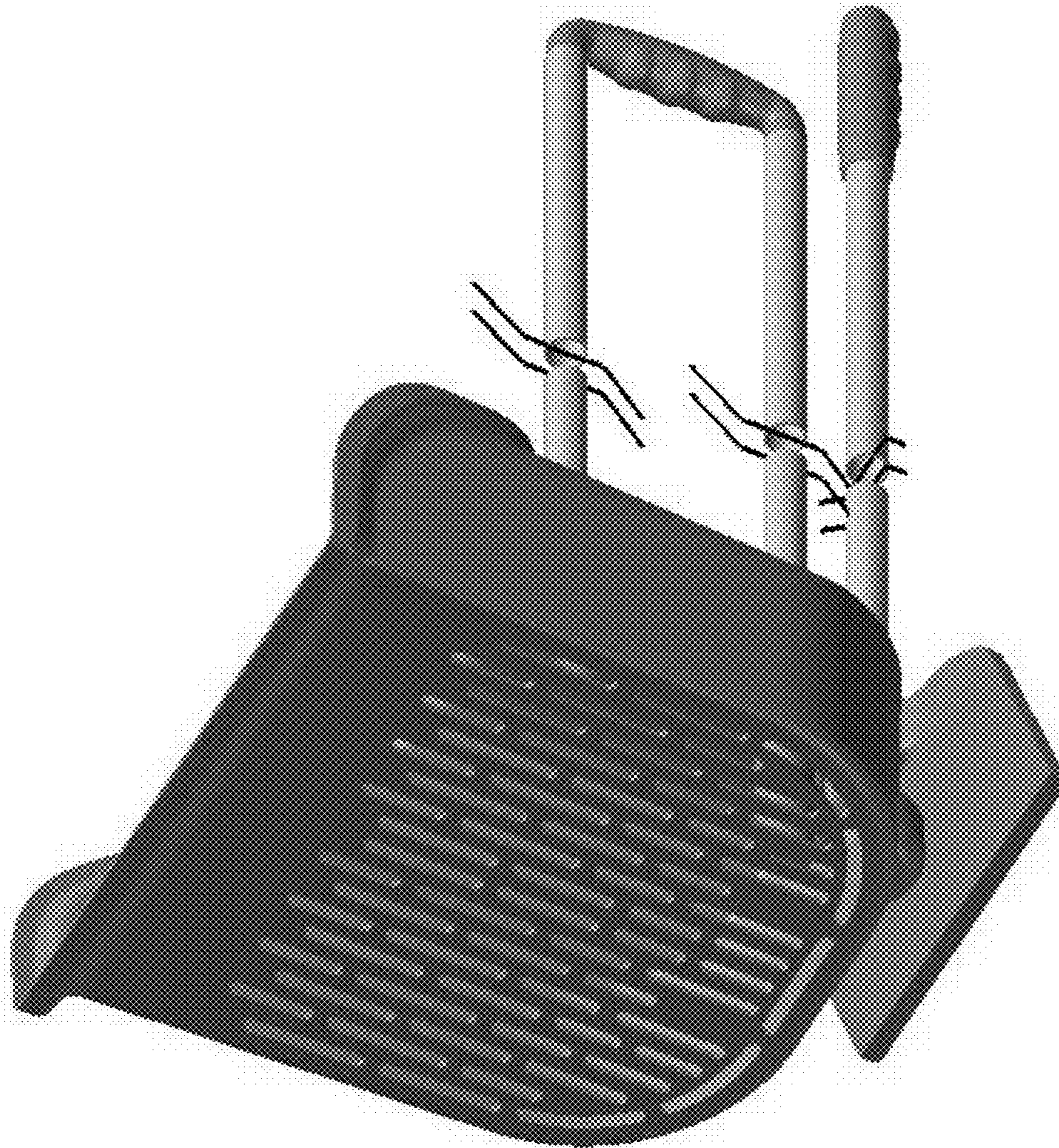


FIGURE 9

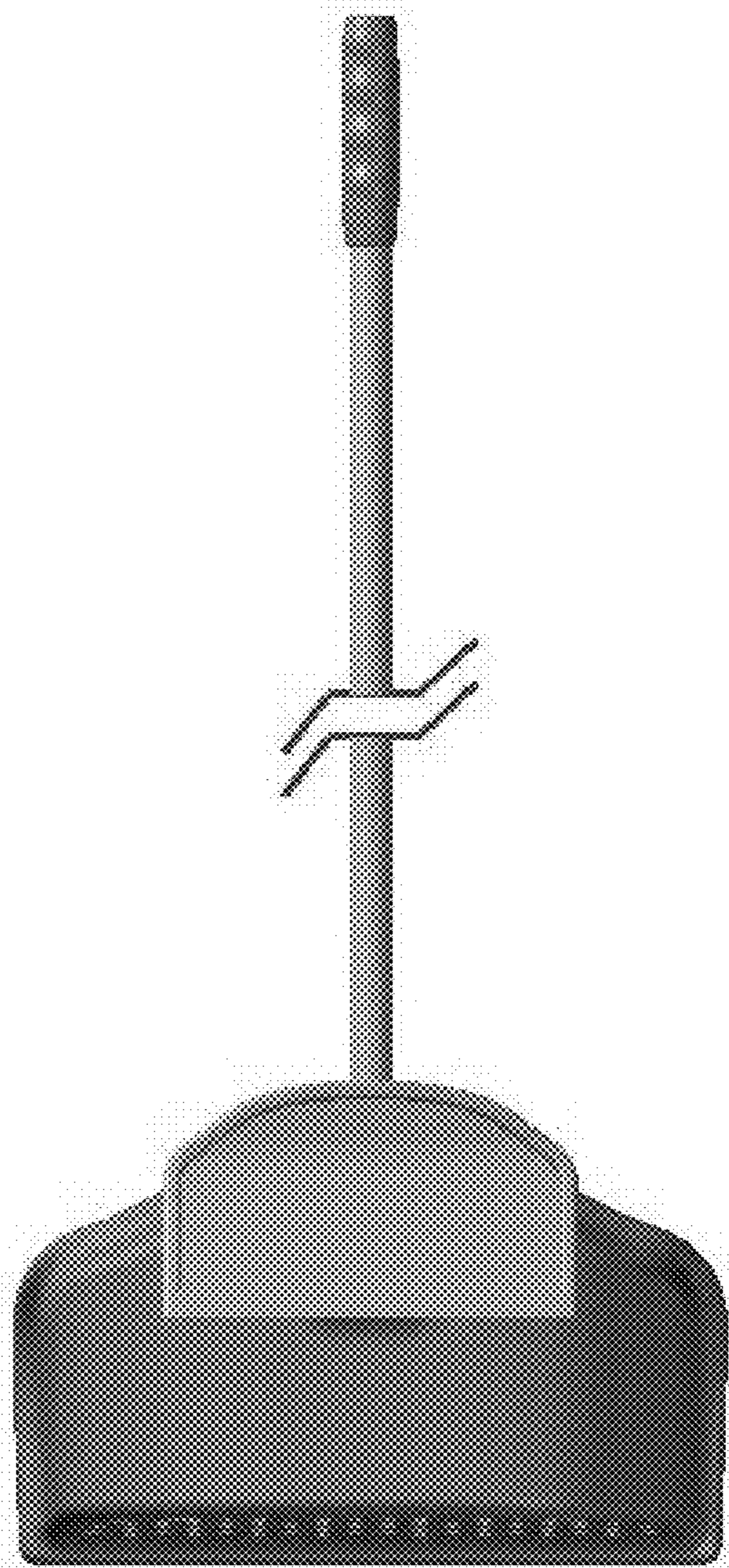


FIGURE 10

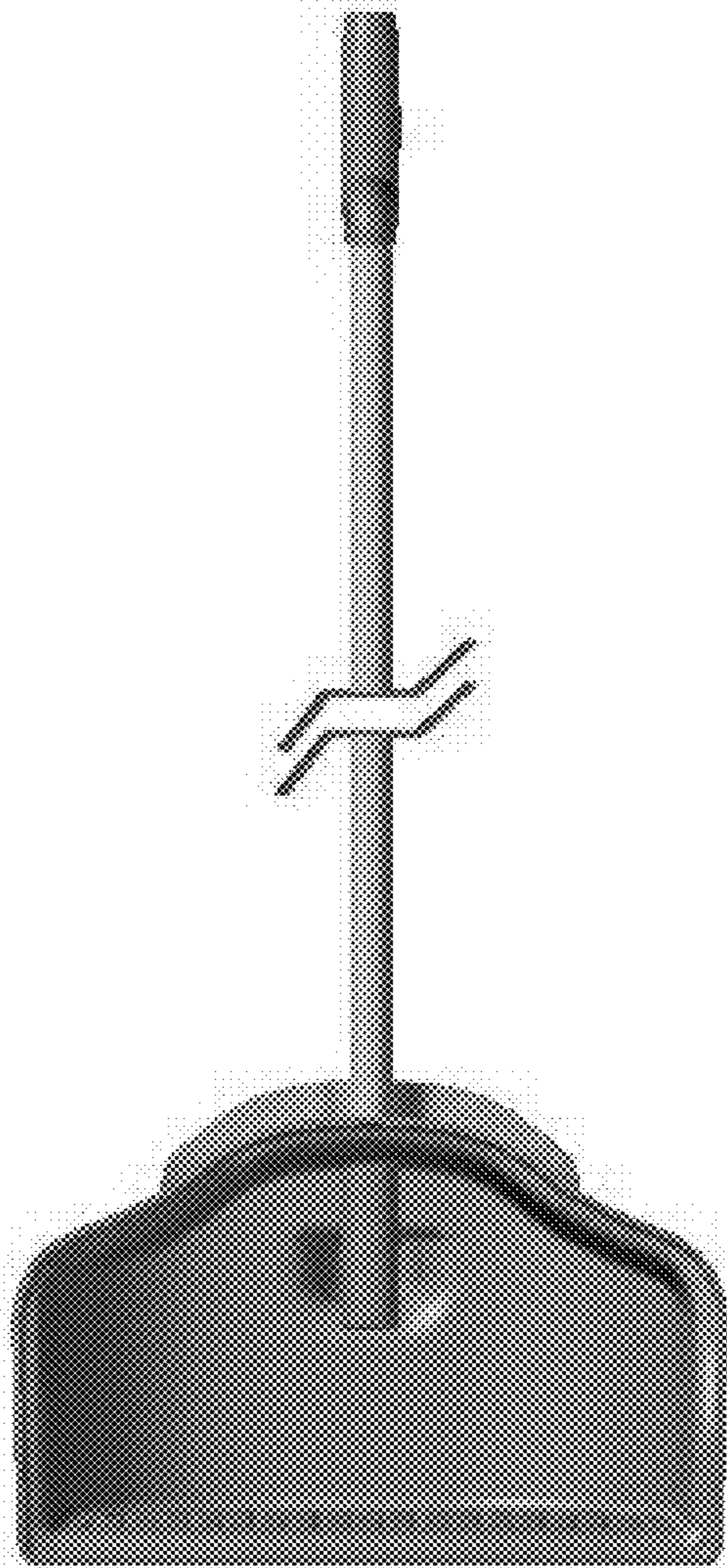


FIGURE 11

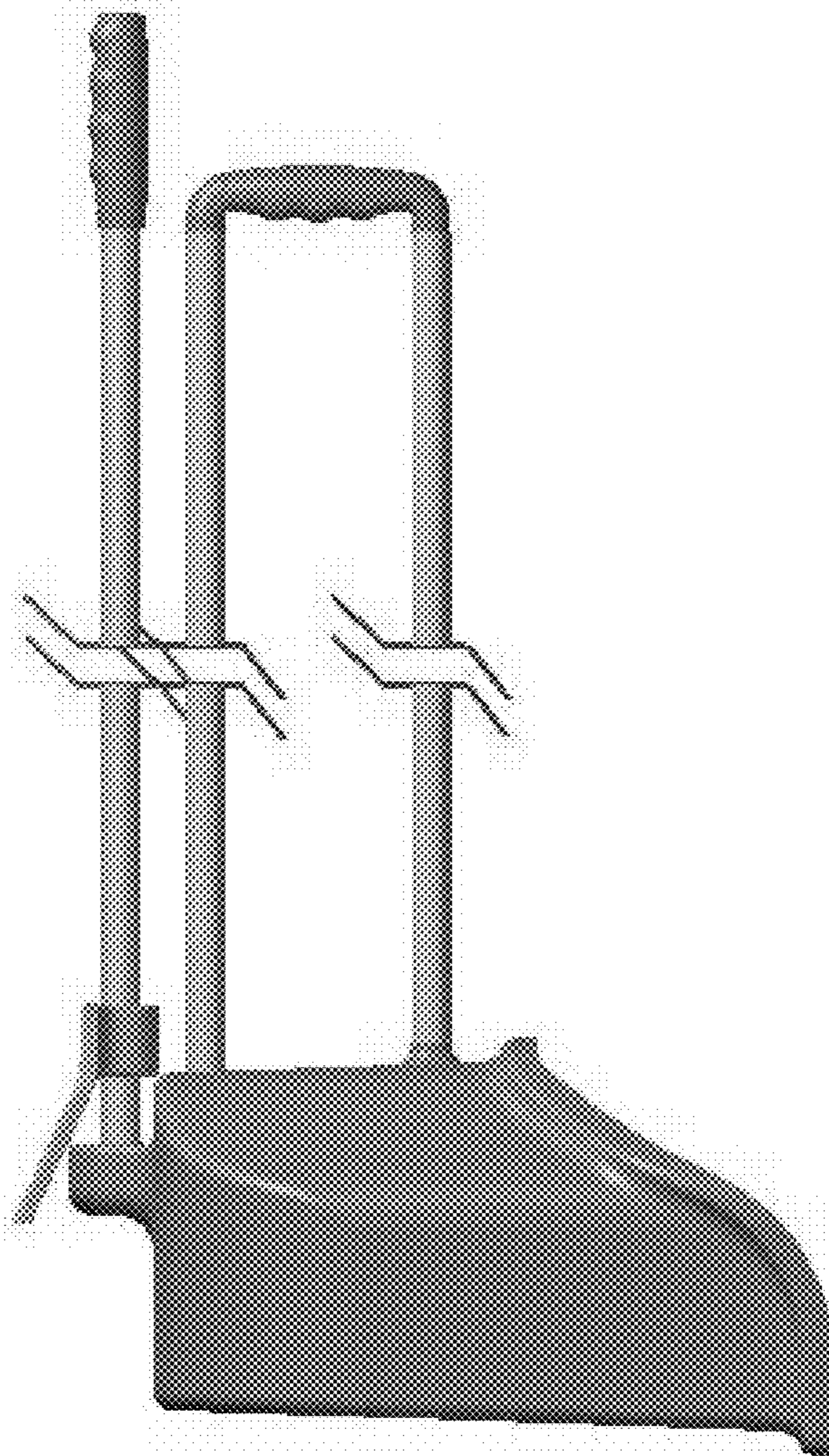


FIGURE 12

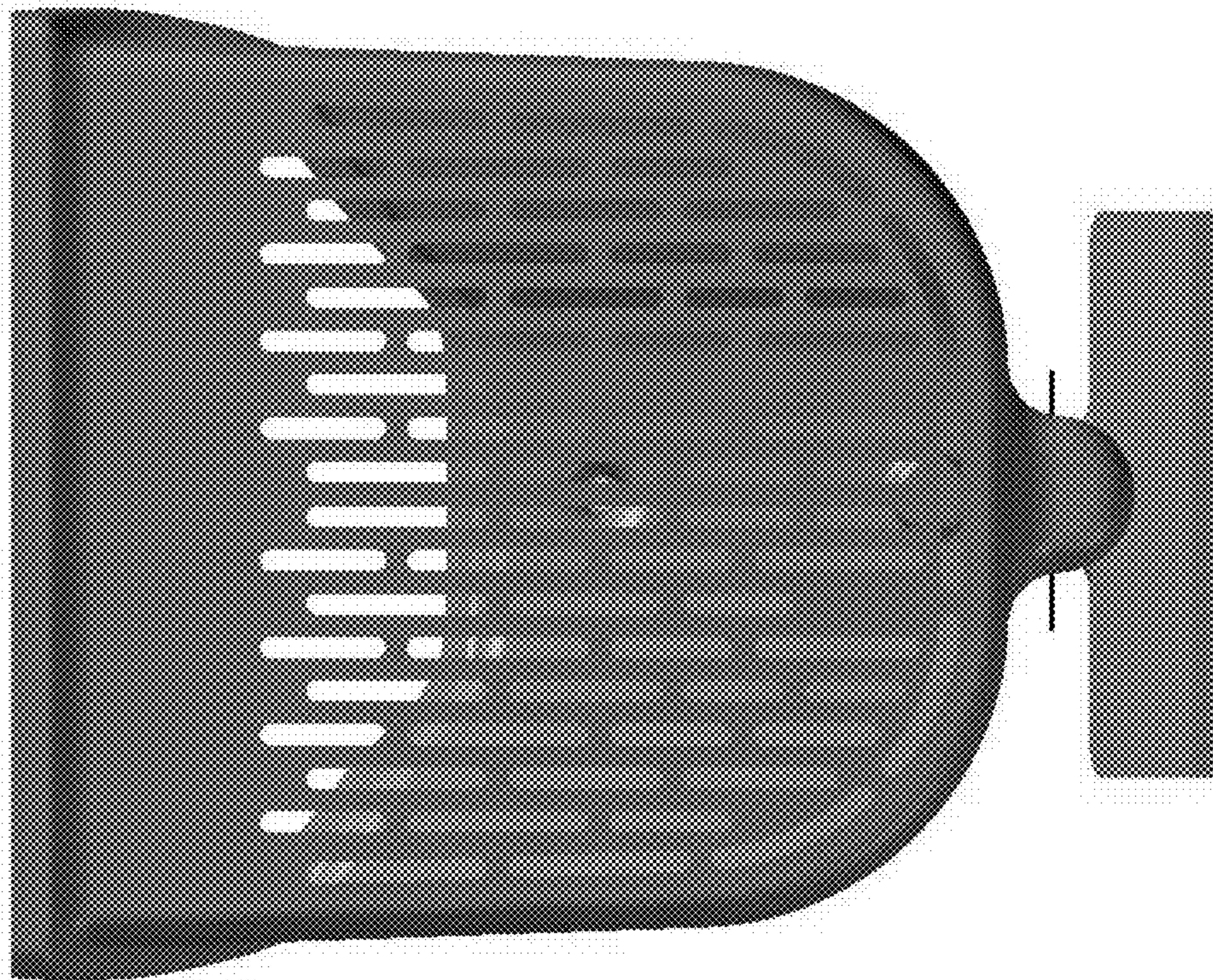


FIGURE 13

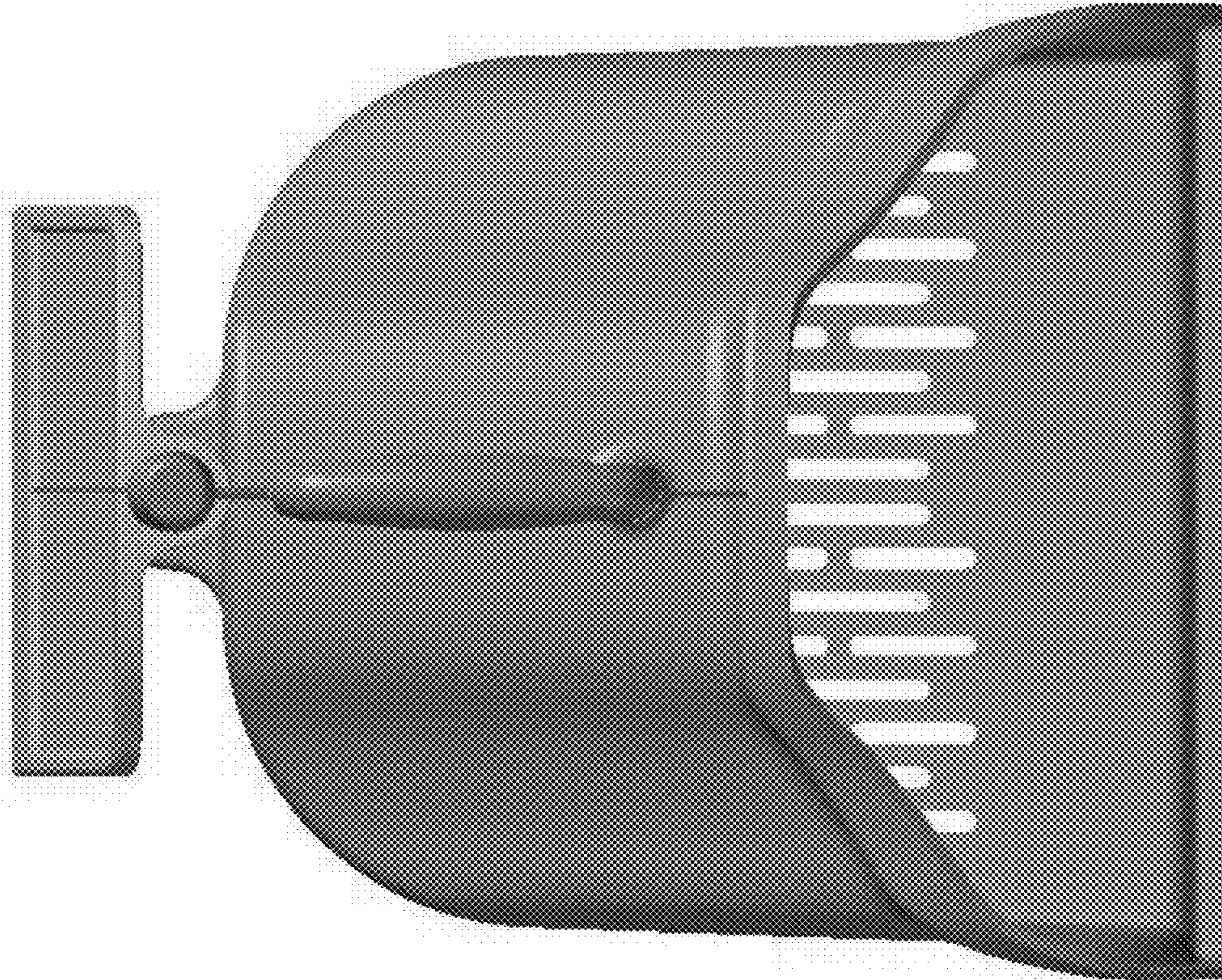


FIGURE 14



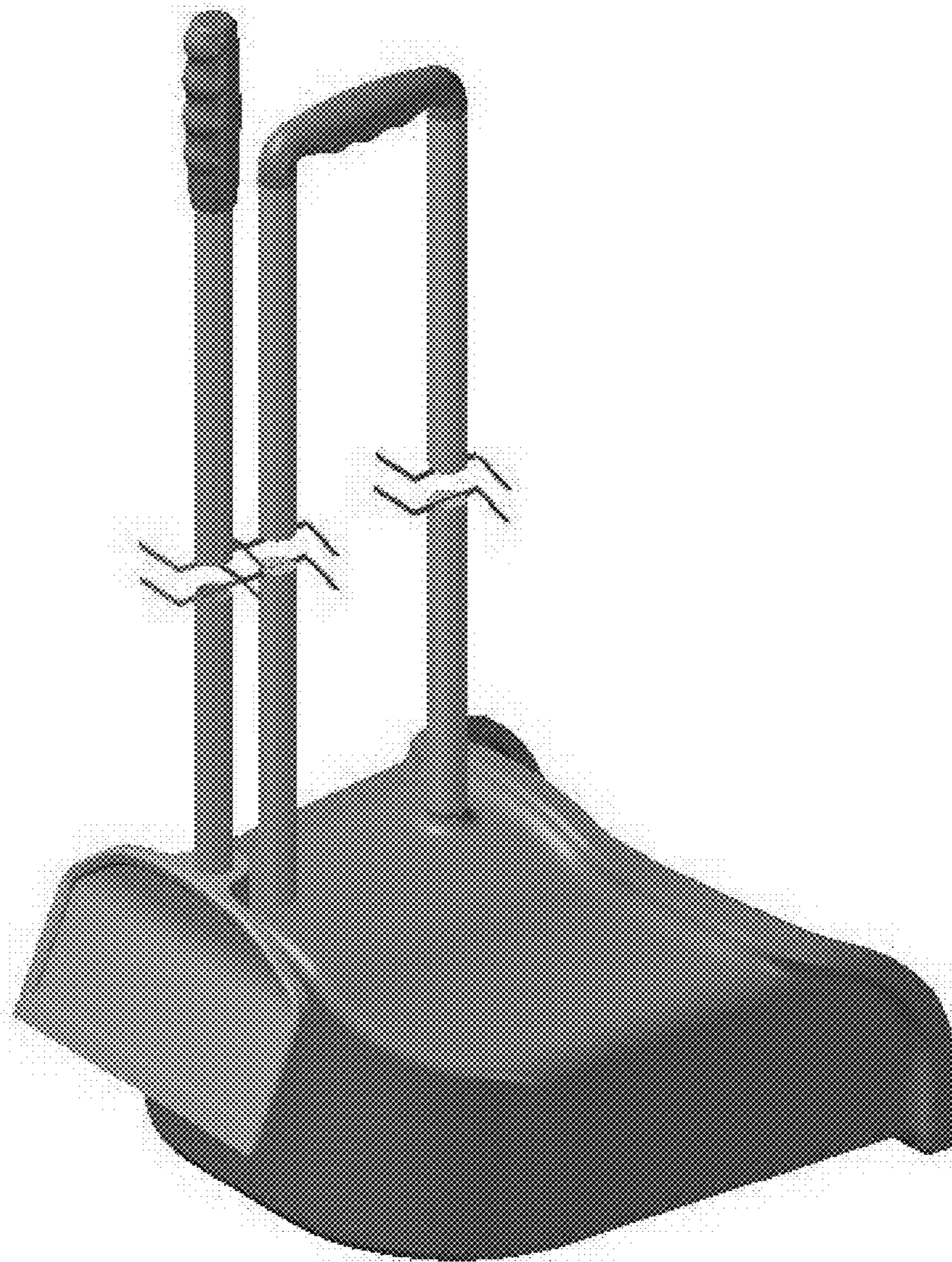


FIGURE 15

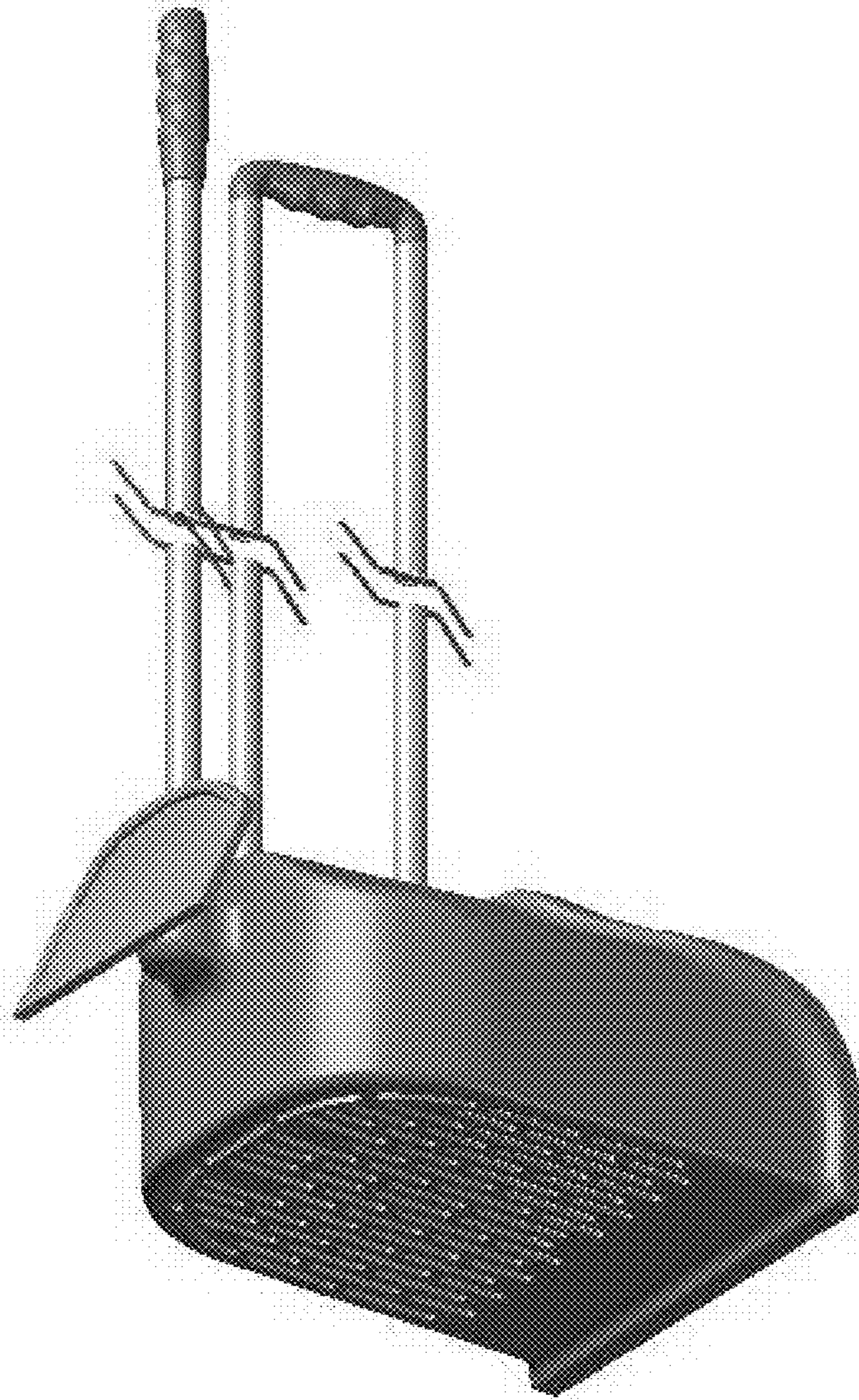


FIGURE 16

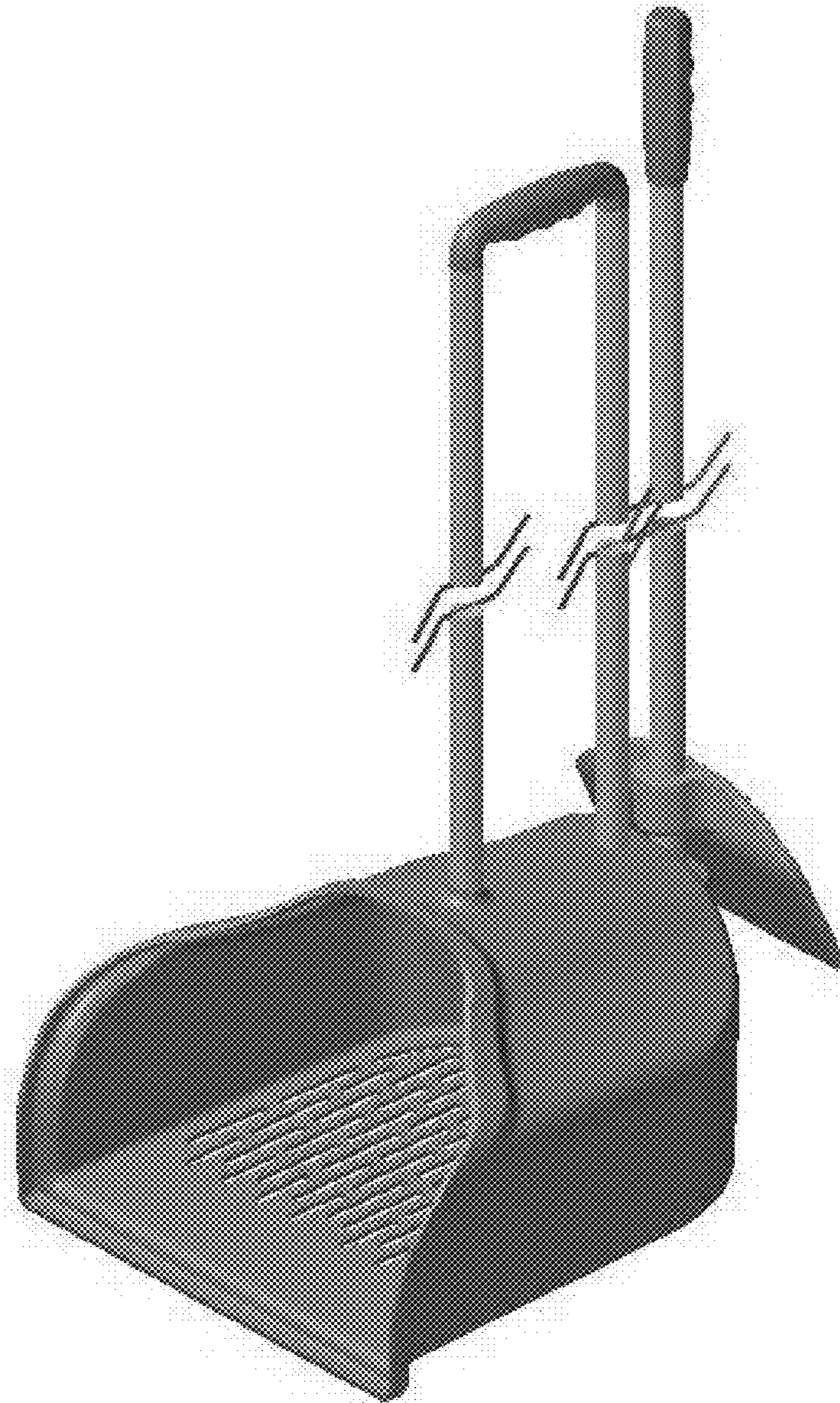


FIGURE 17

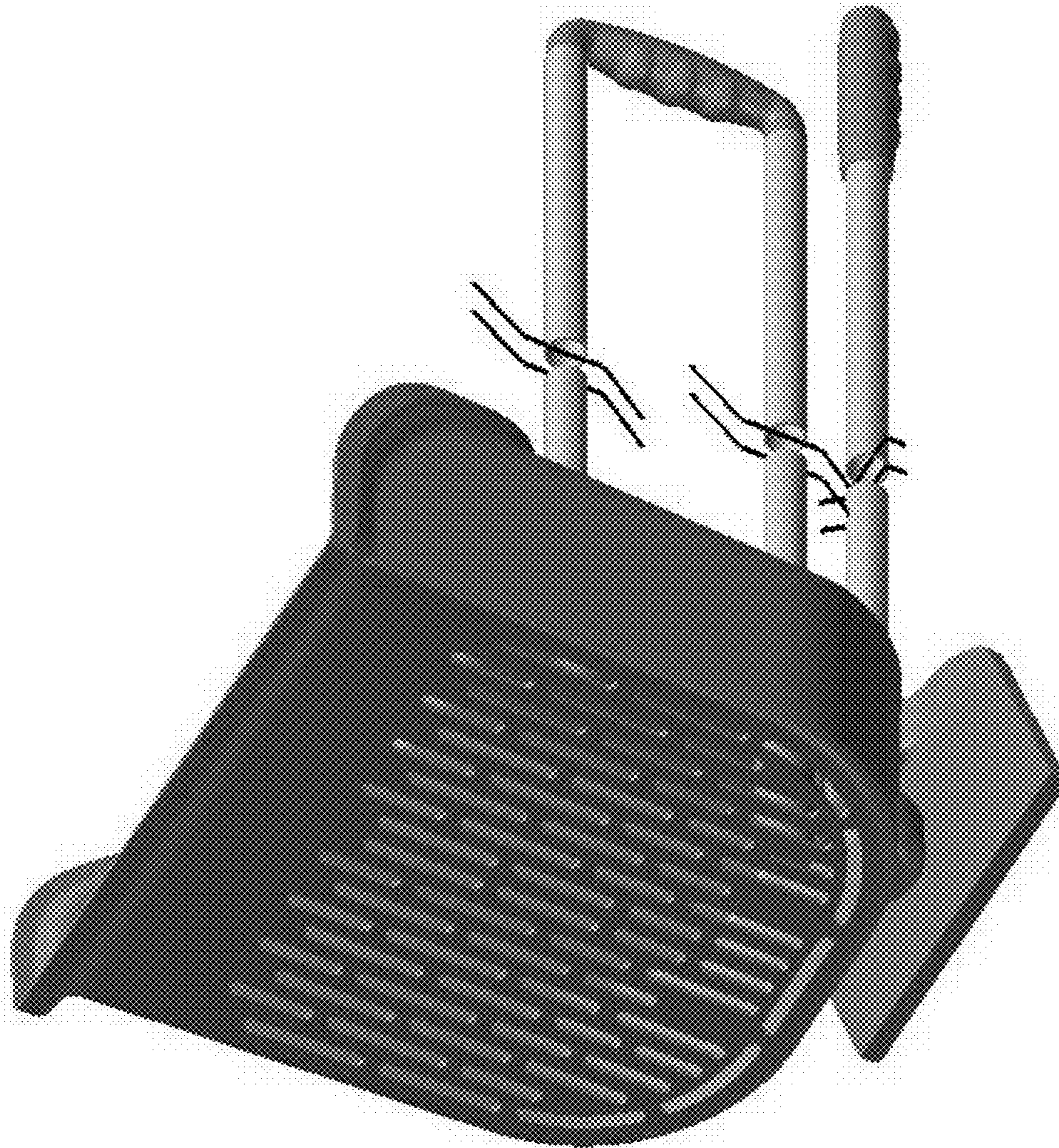


FIGURE 18

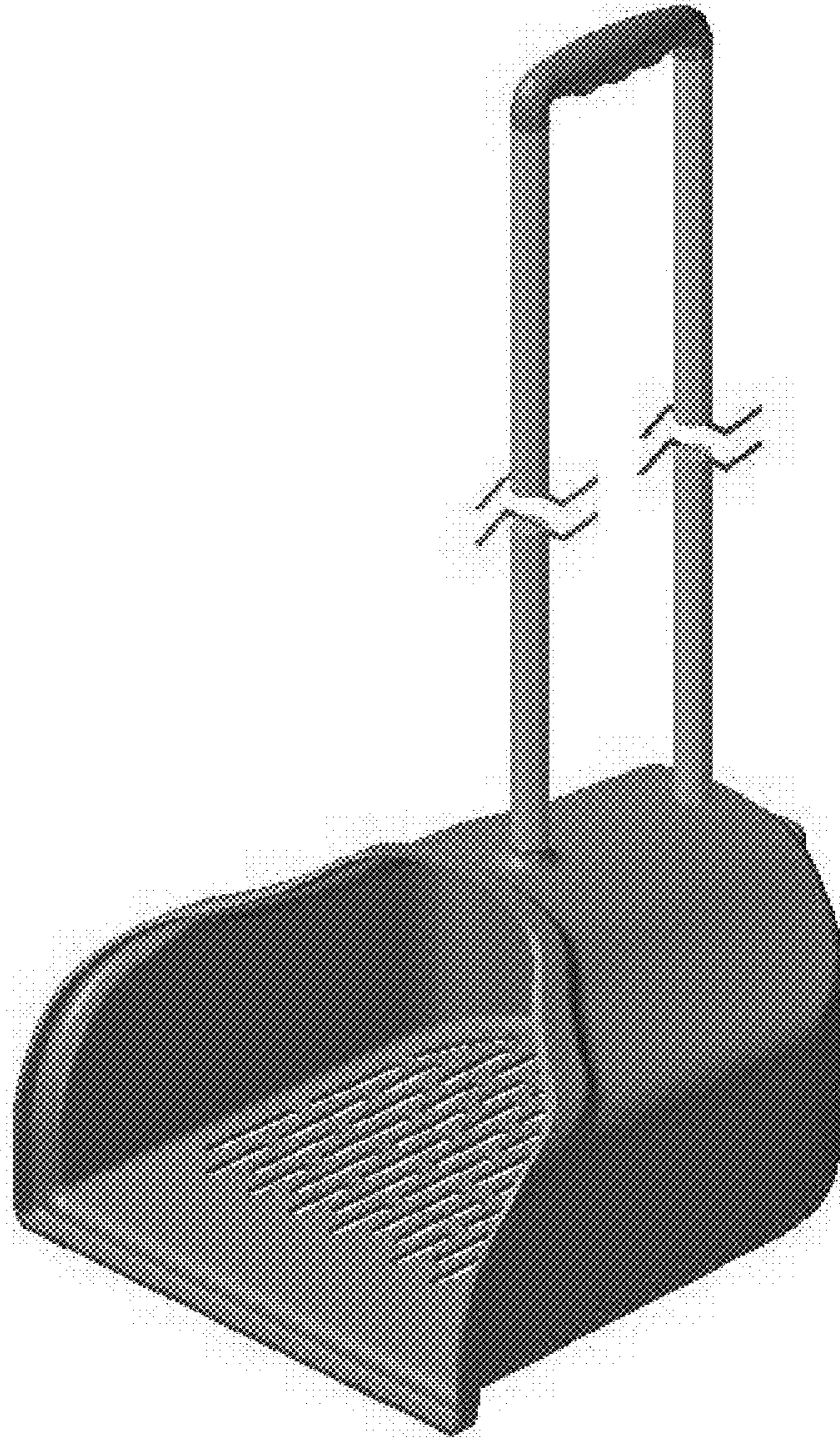


FIGURE 19

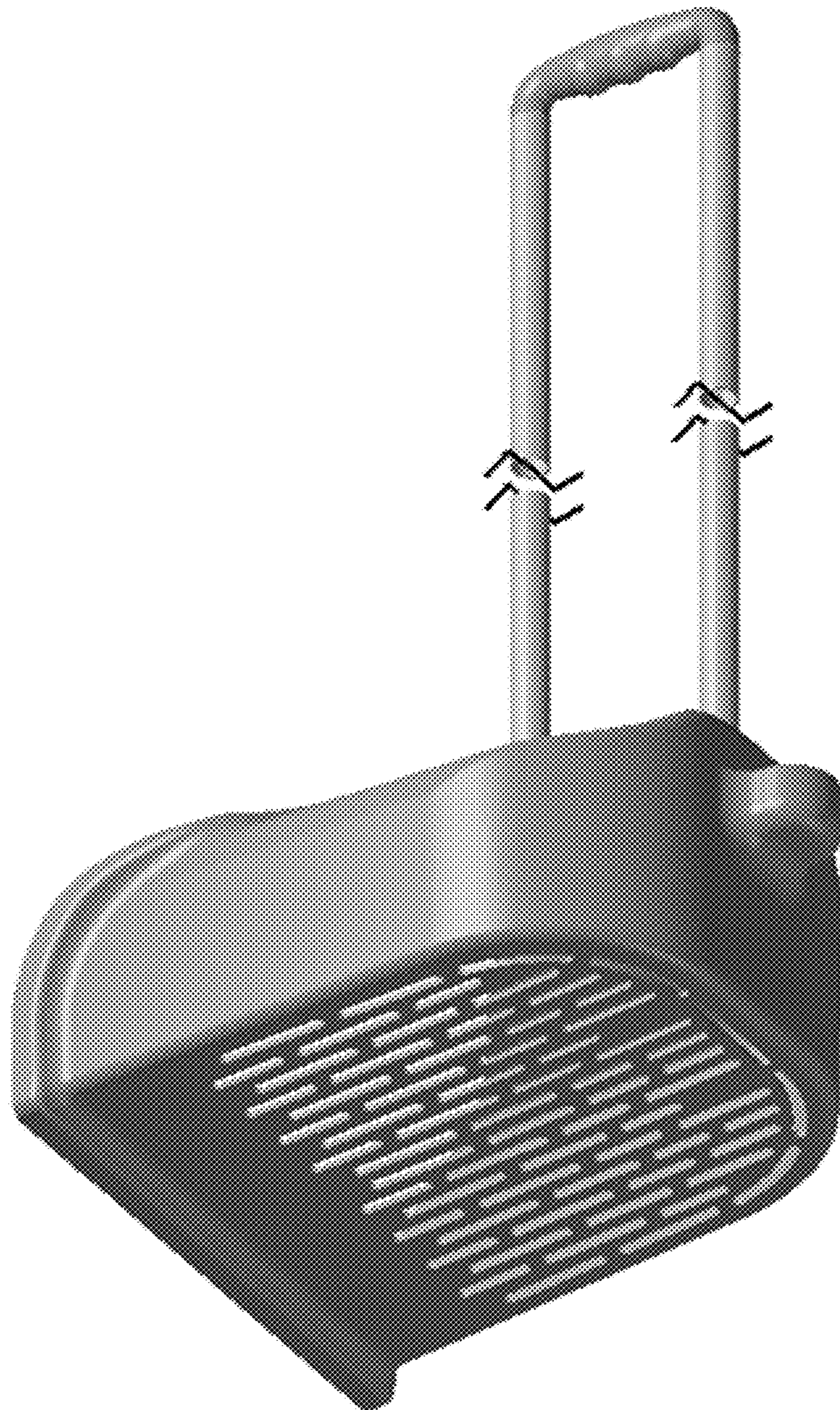


FIGURE 20

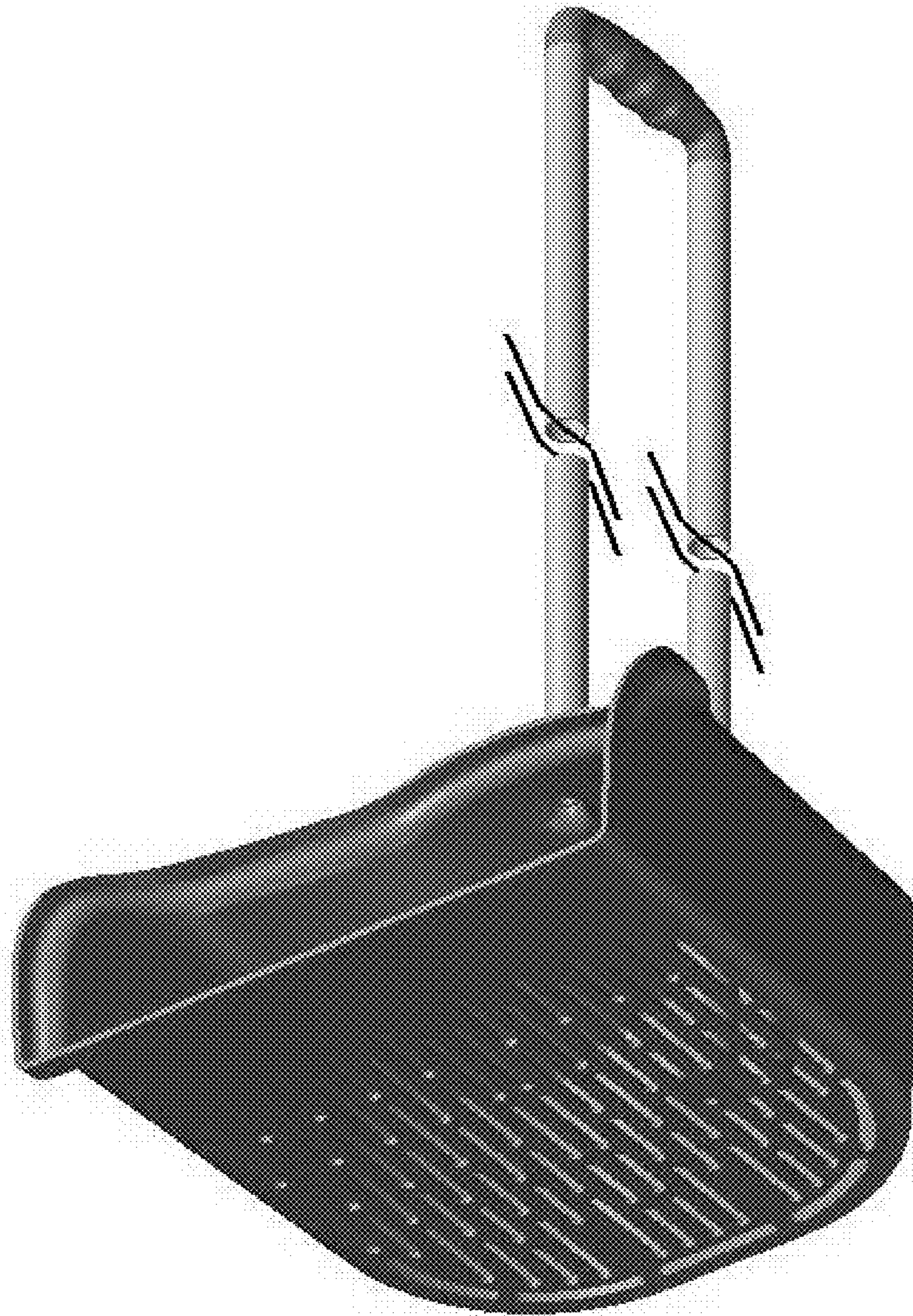


FIGURE 21

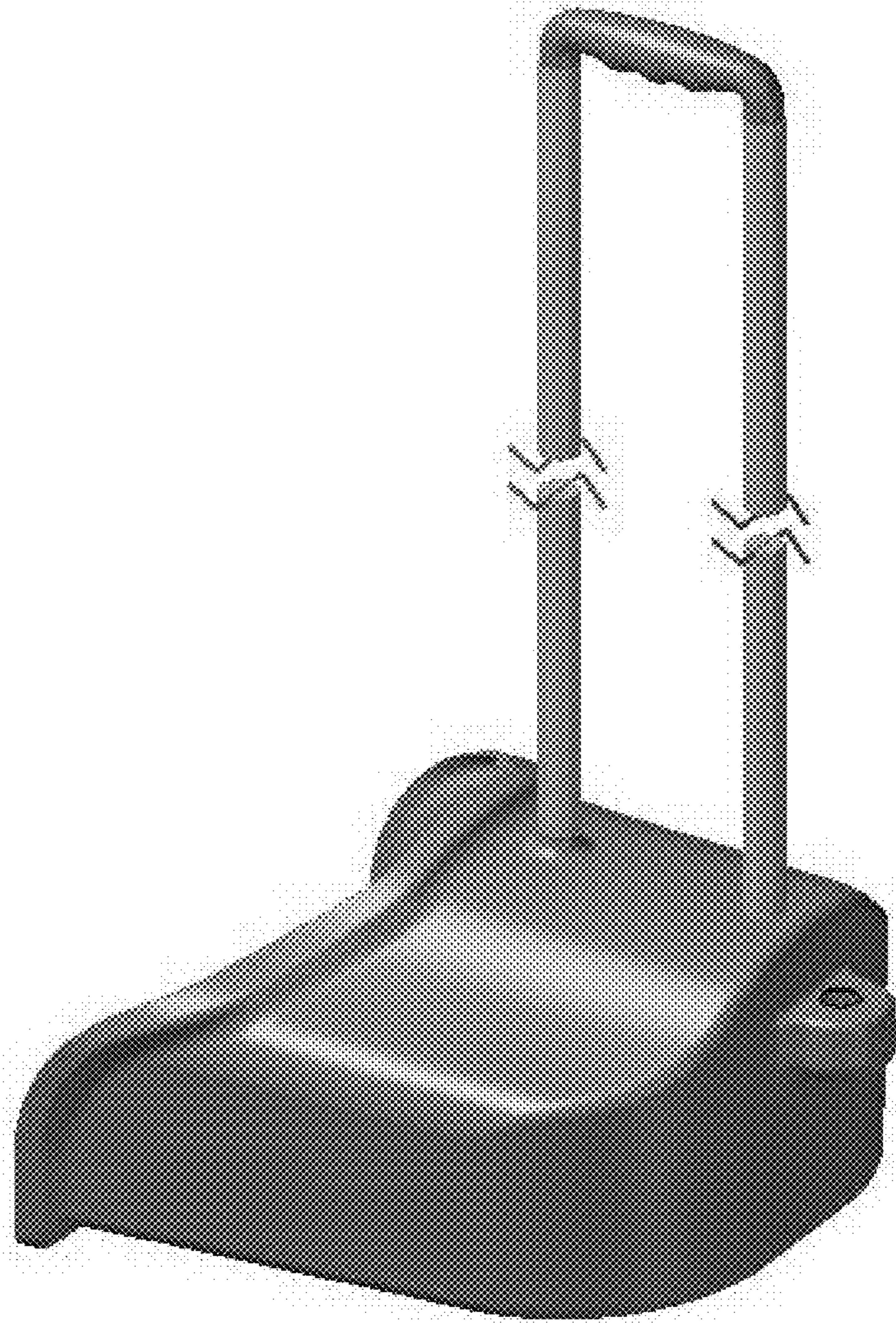


FIGURE 22



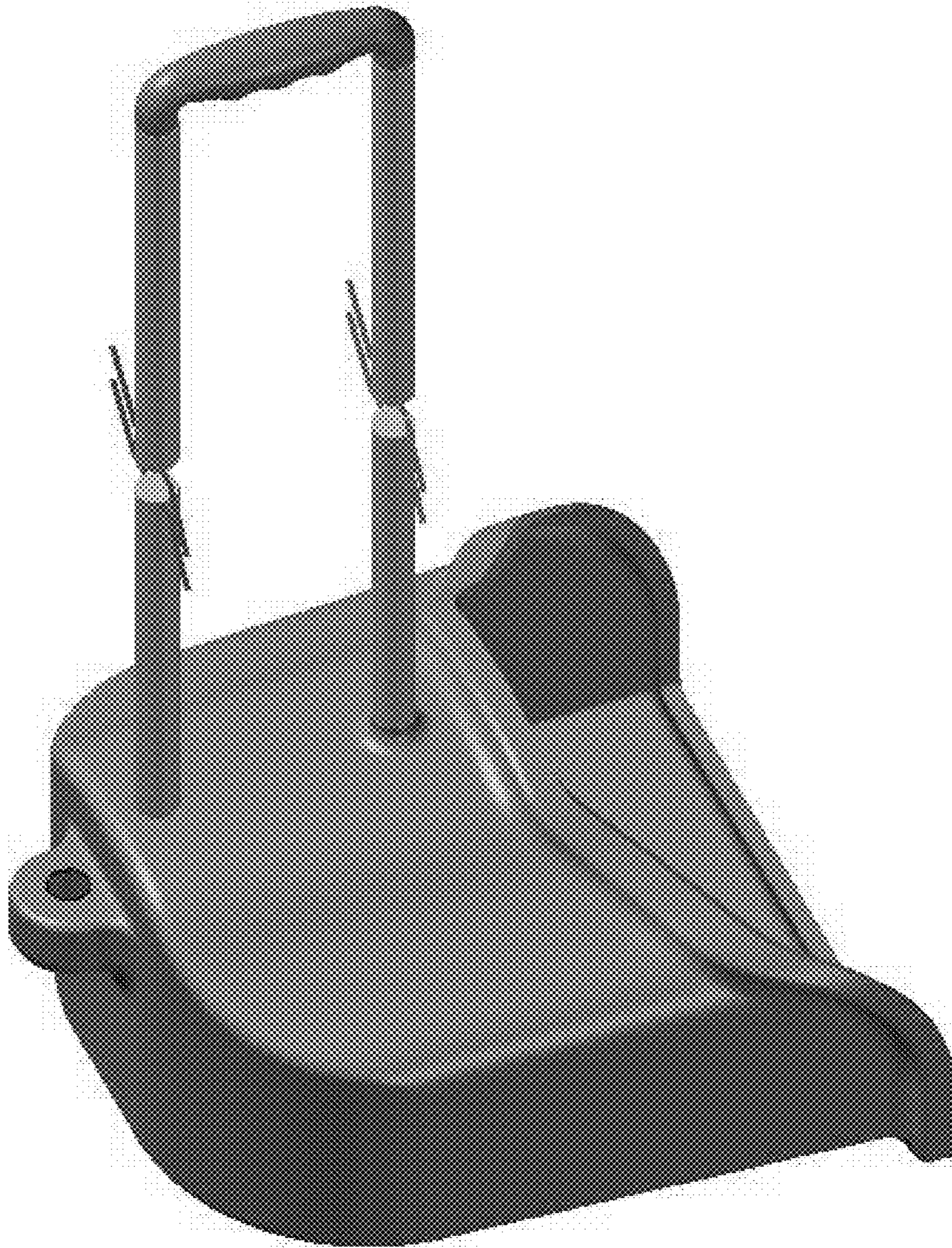


FIGURE 23

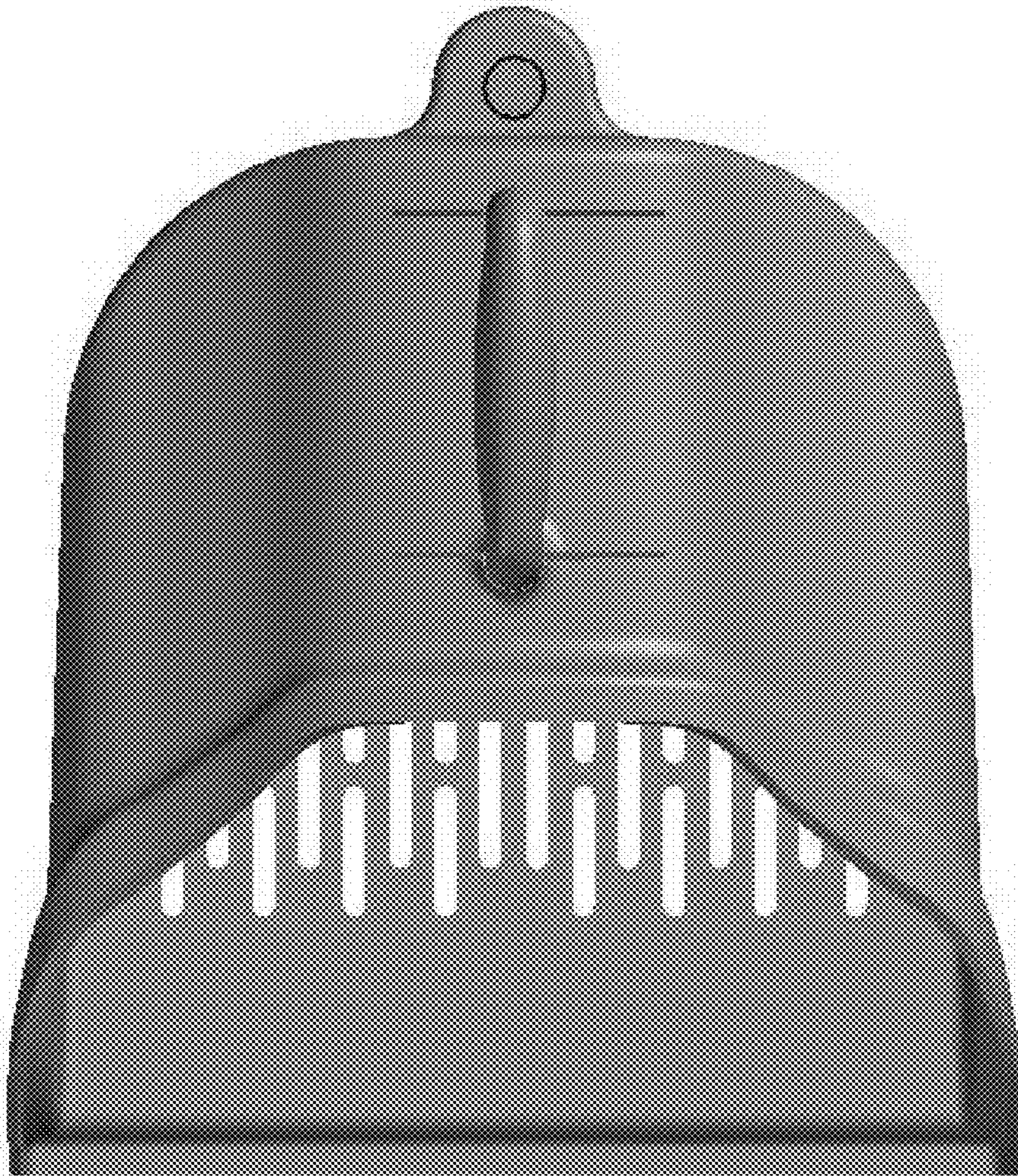


FIGURE 24

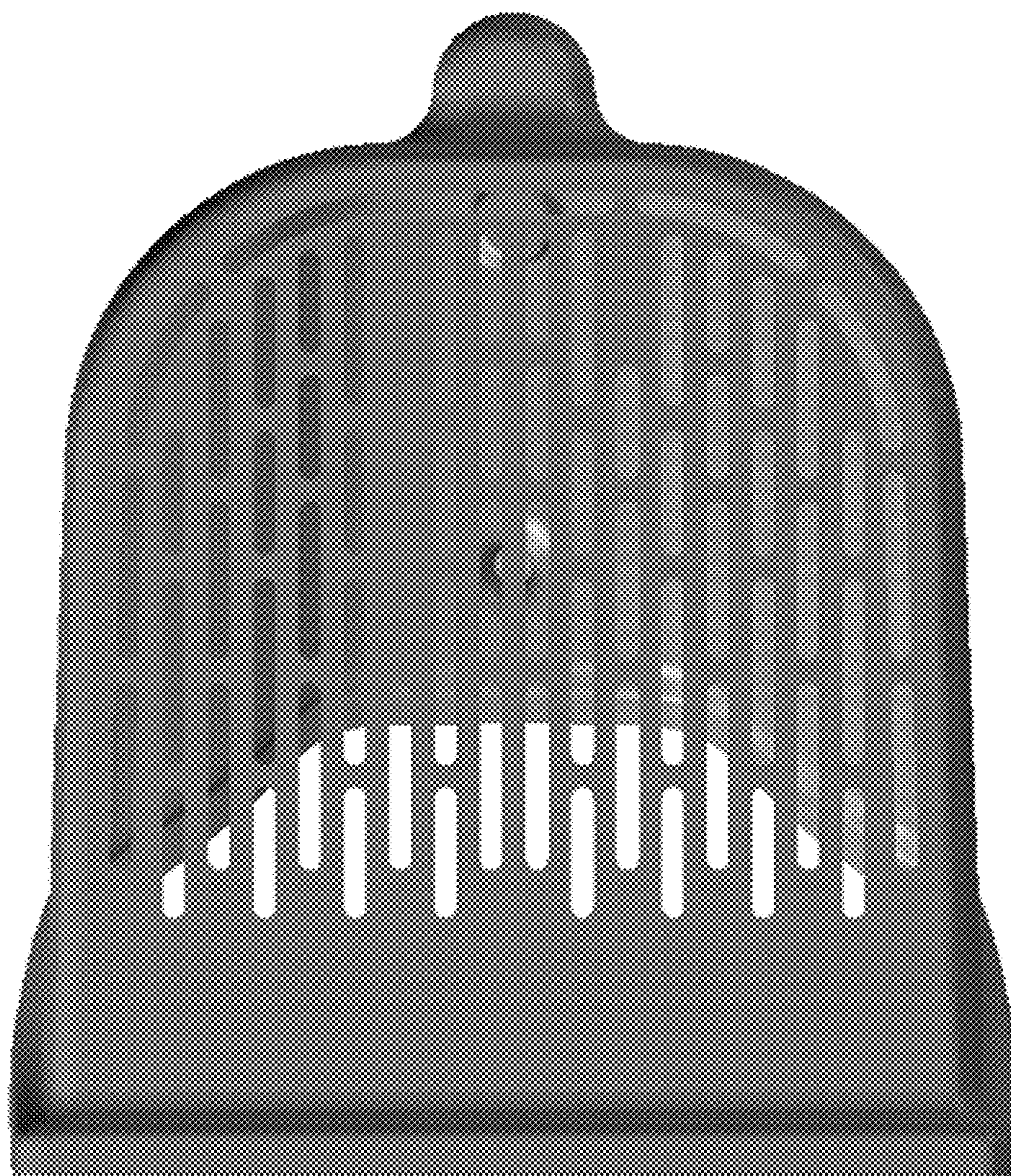


FIGURE 25

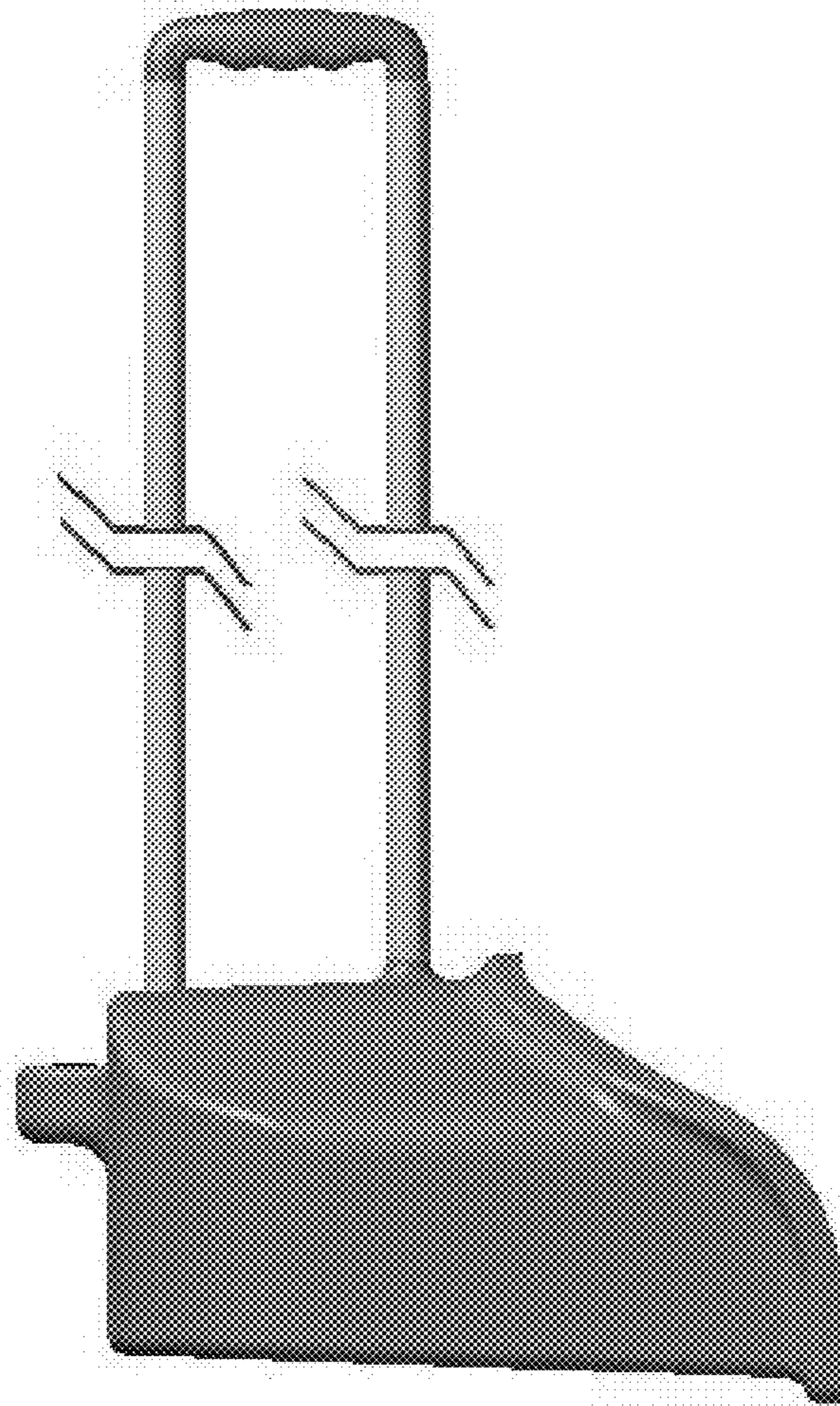


FIGURE 26

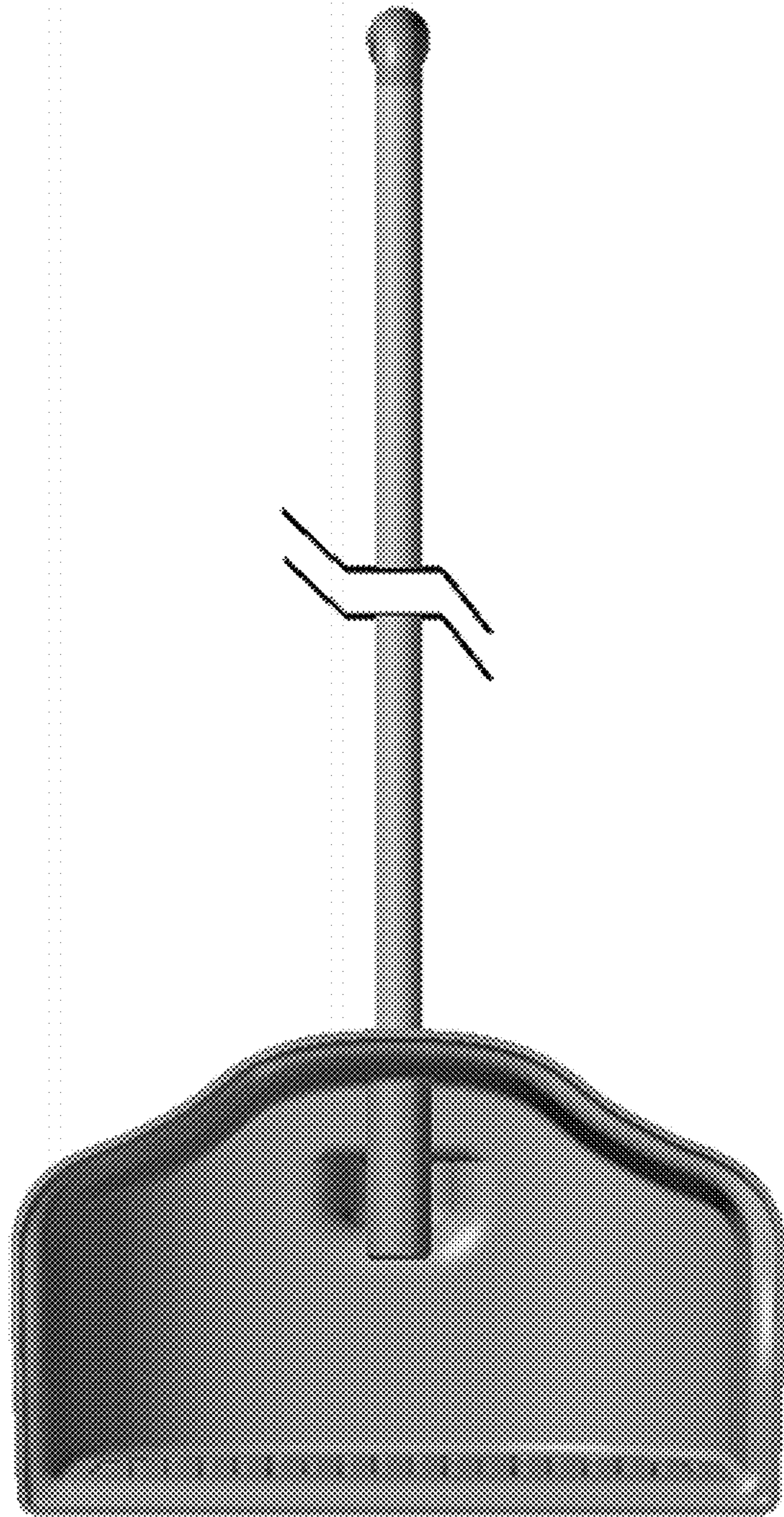


FIGURE 27

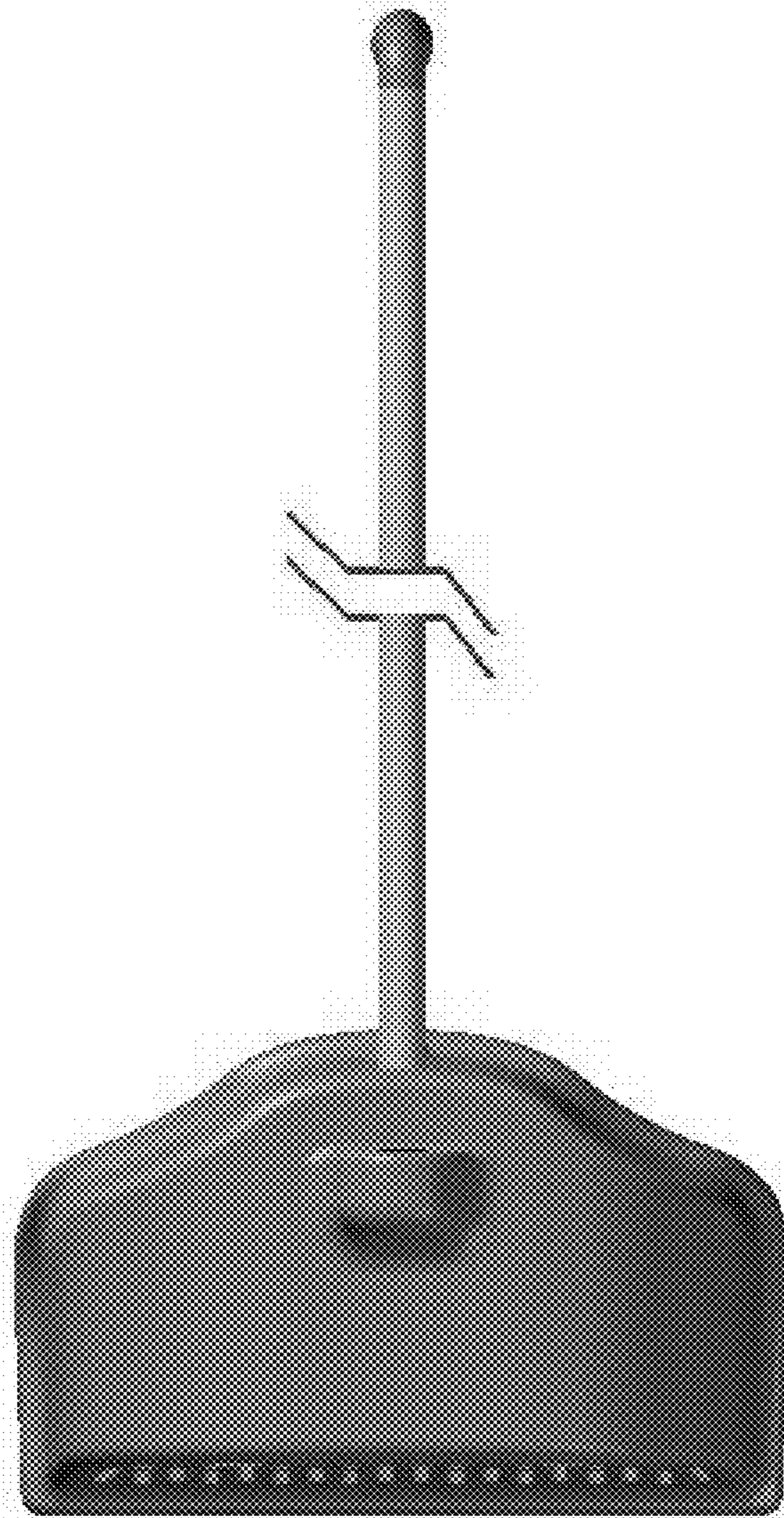


FIGURE 28

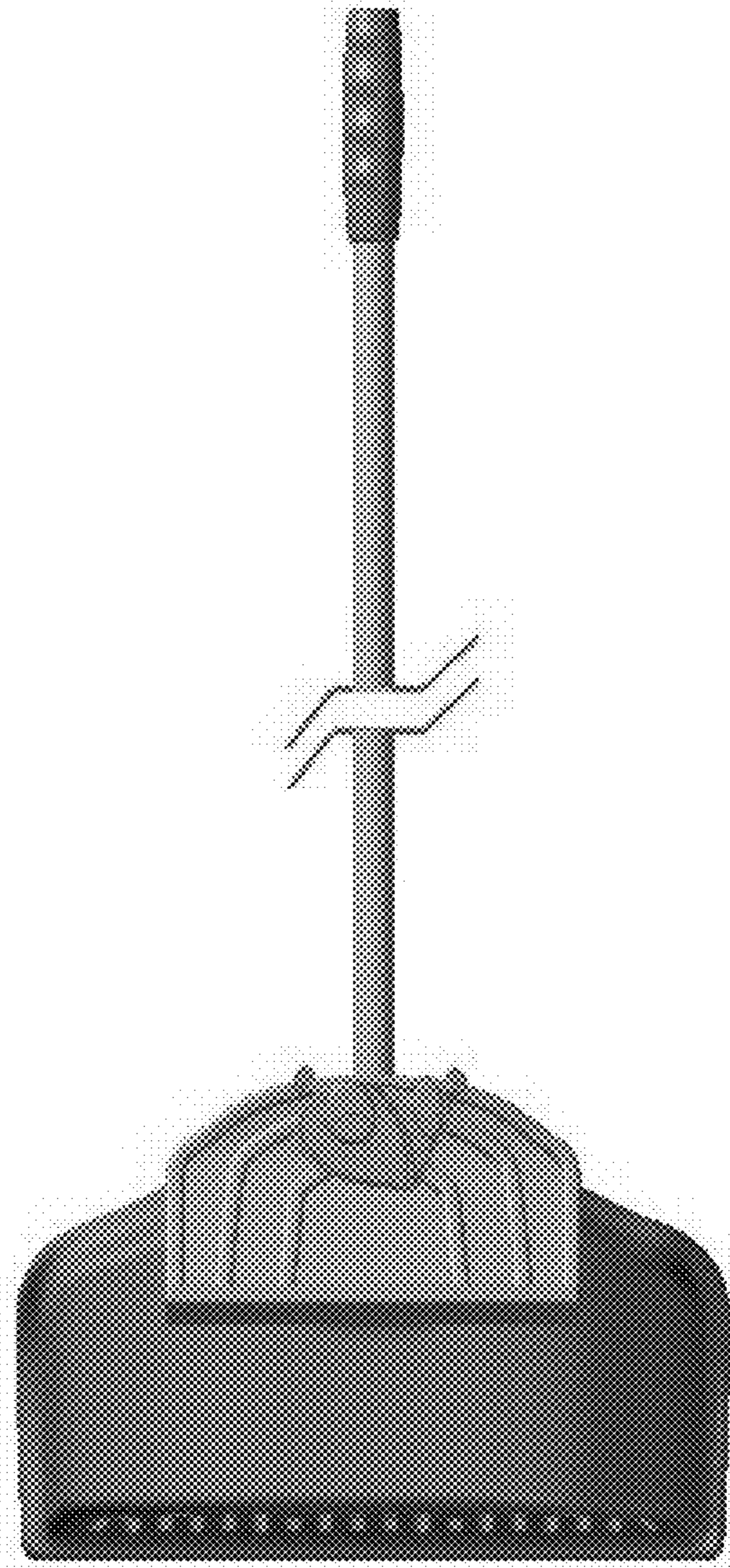


FIGURE 29

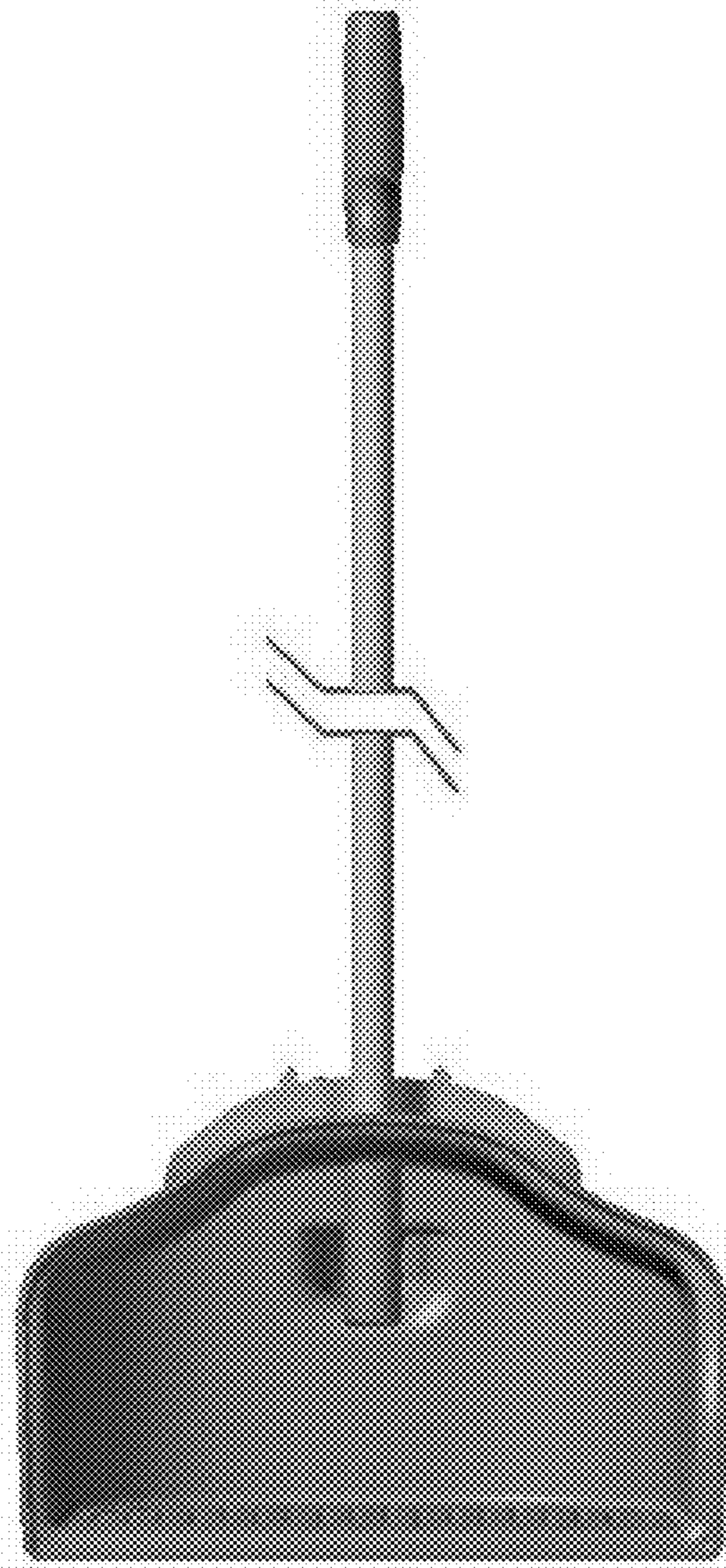


FIGURE 30



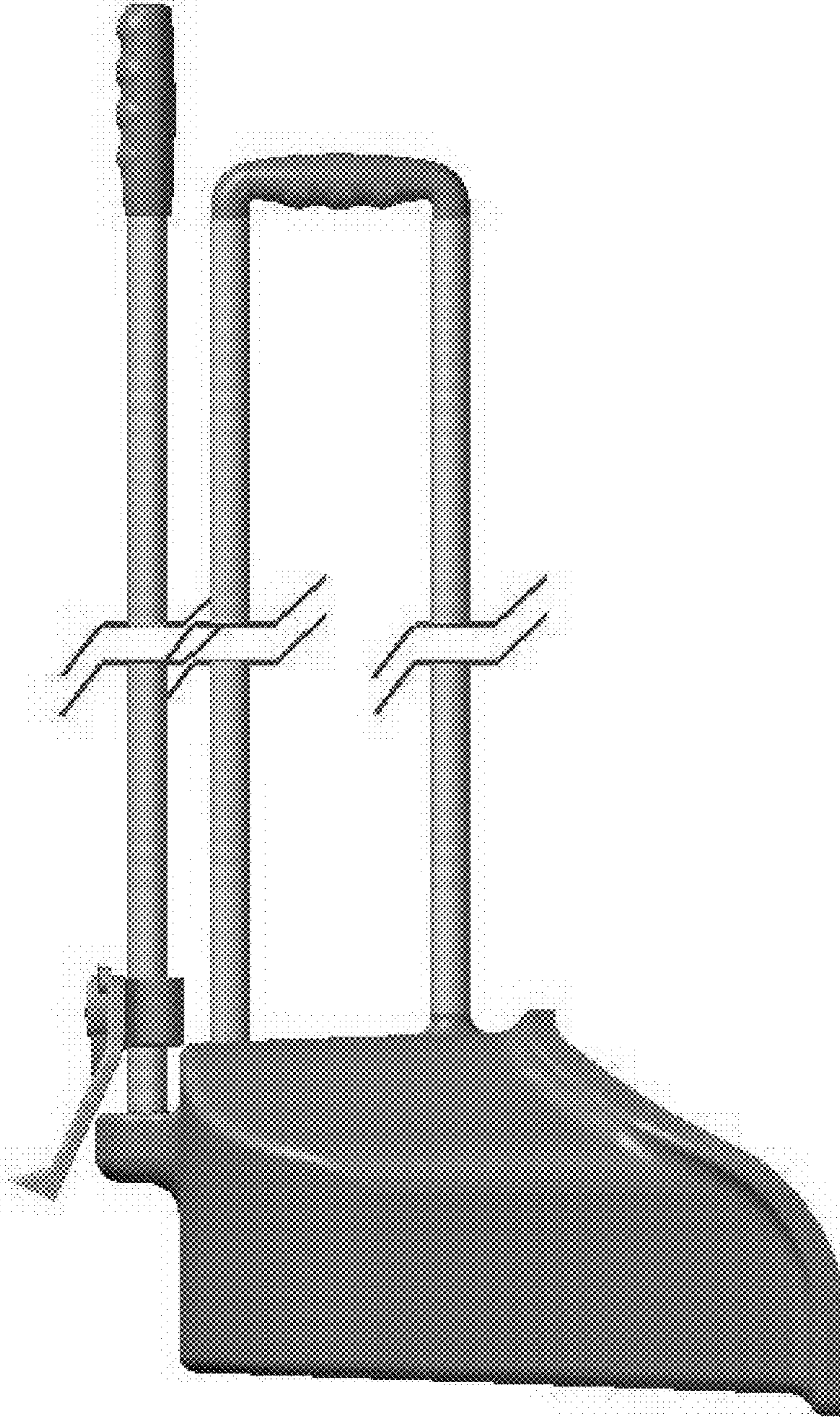


FIGURE 31

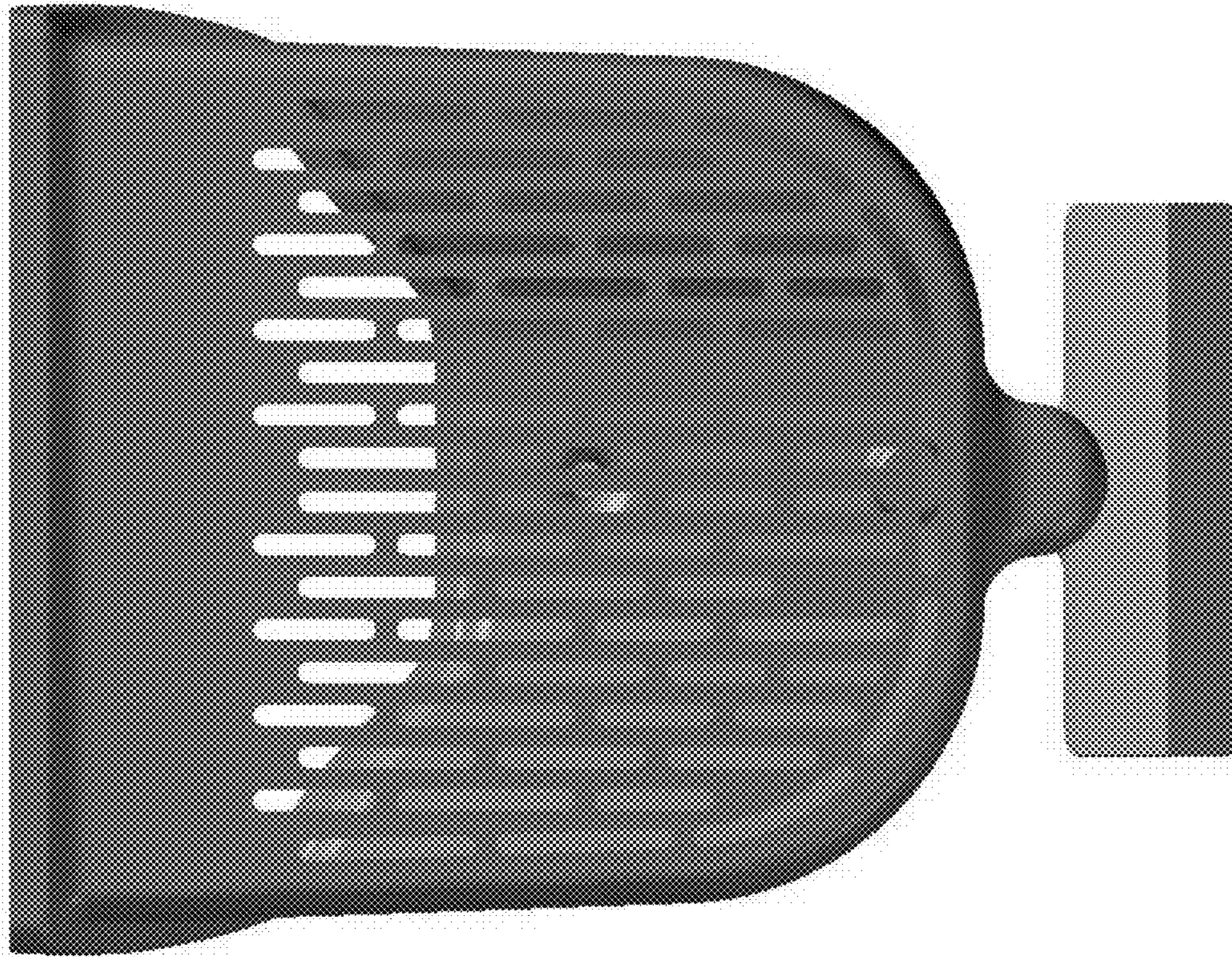


FIGURE 32

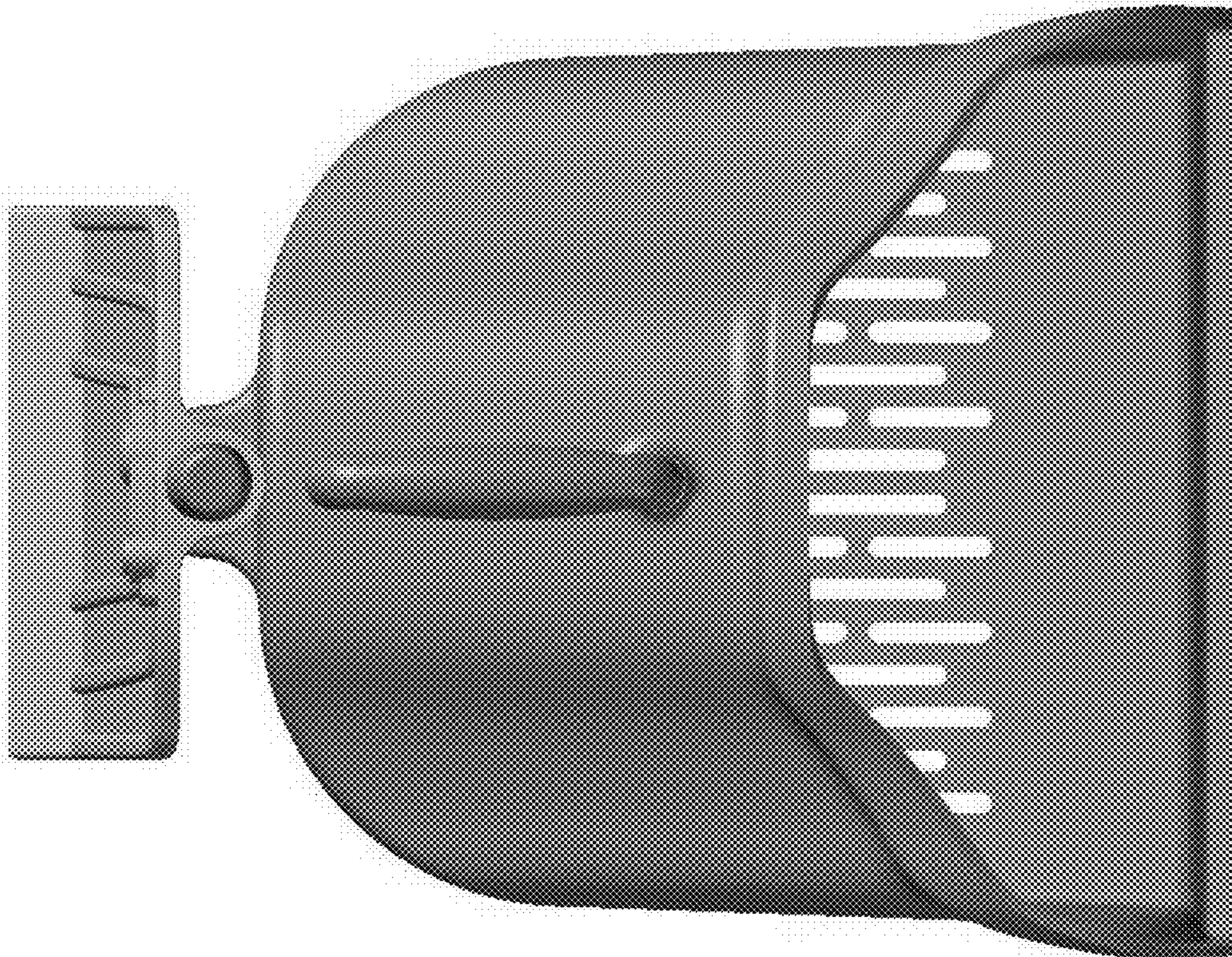


FIGURE 33

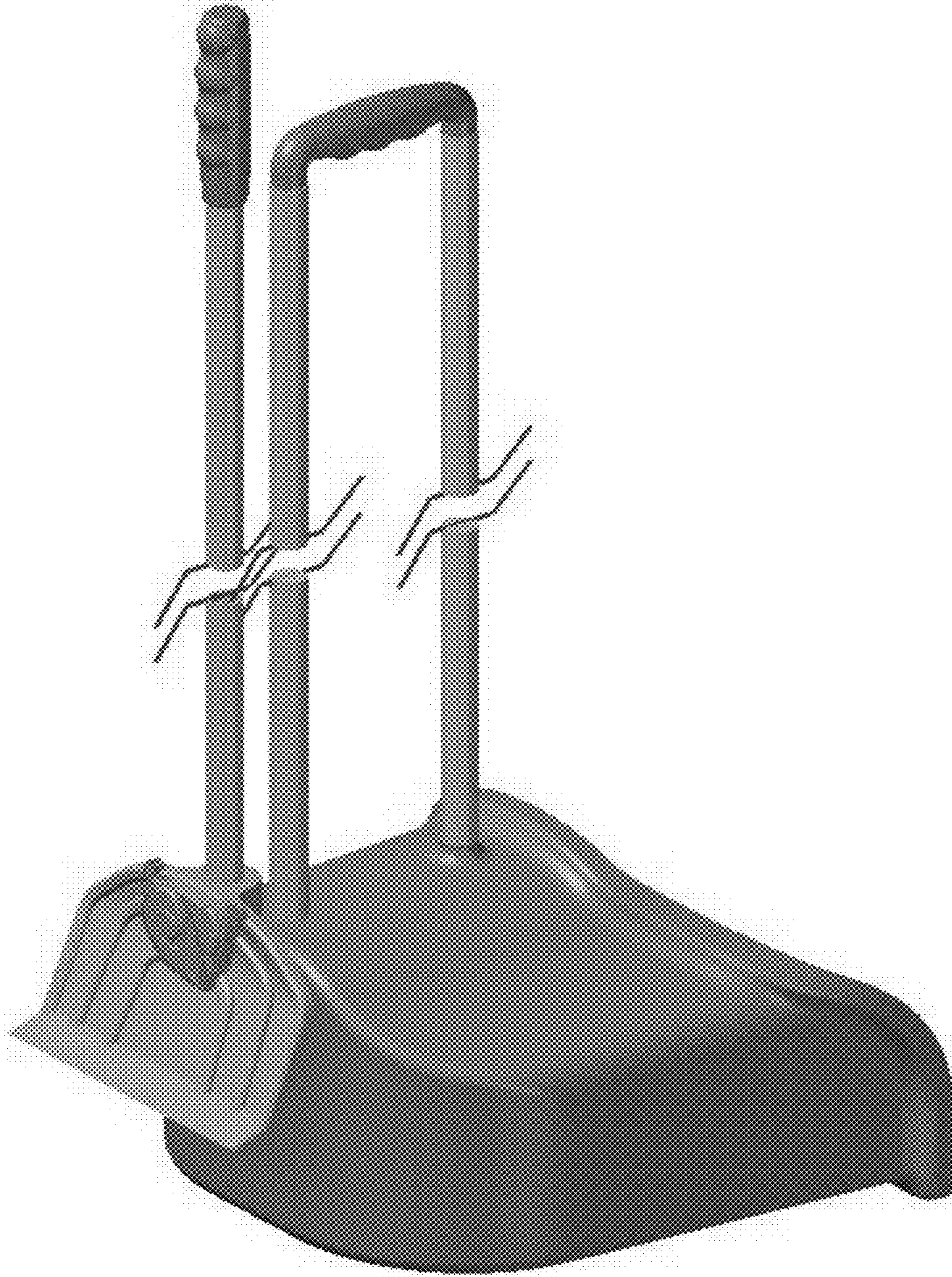


FIGURE 34

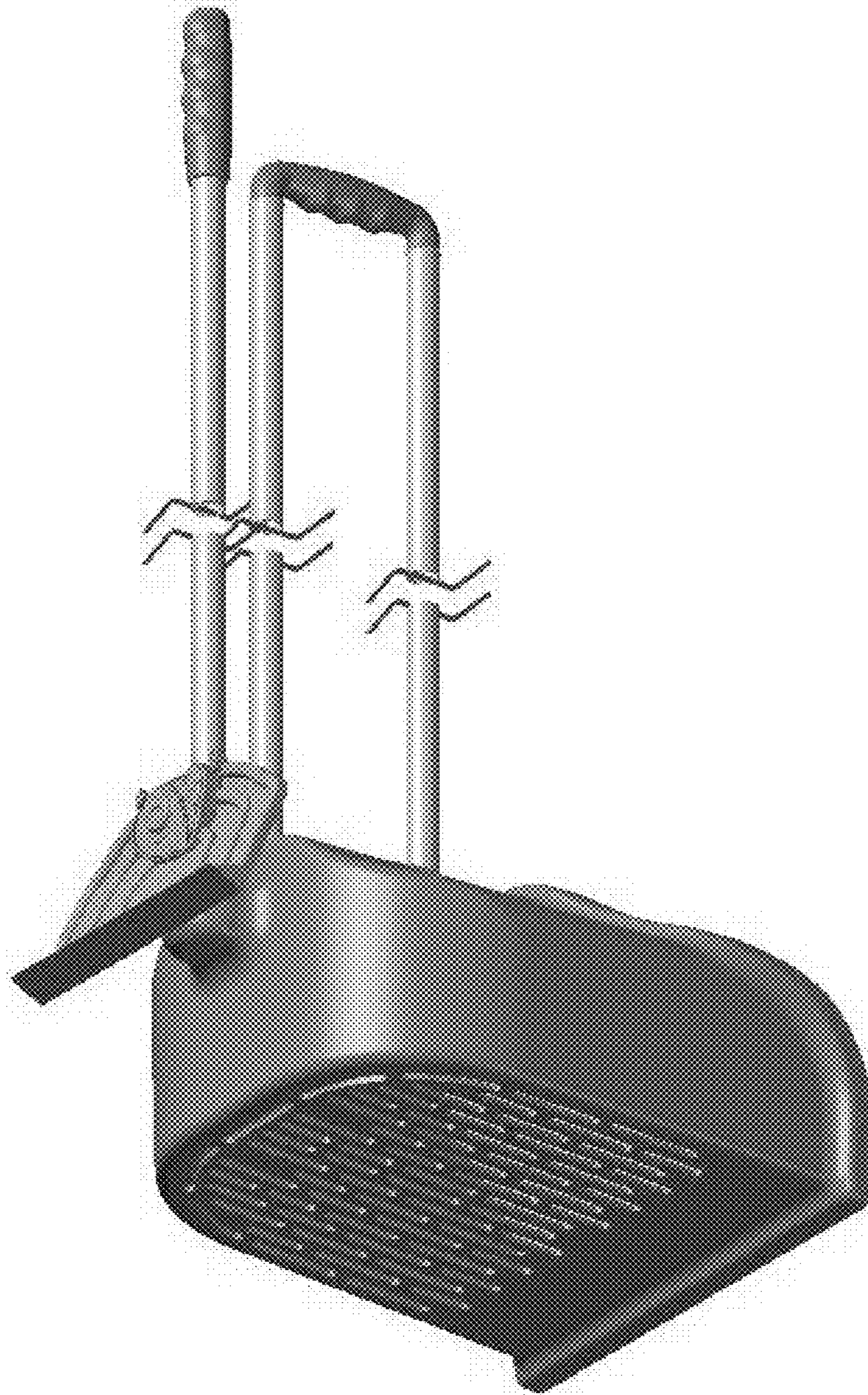


FIGURE 35

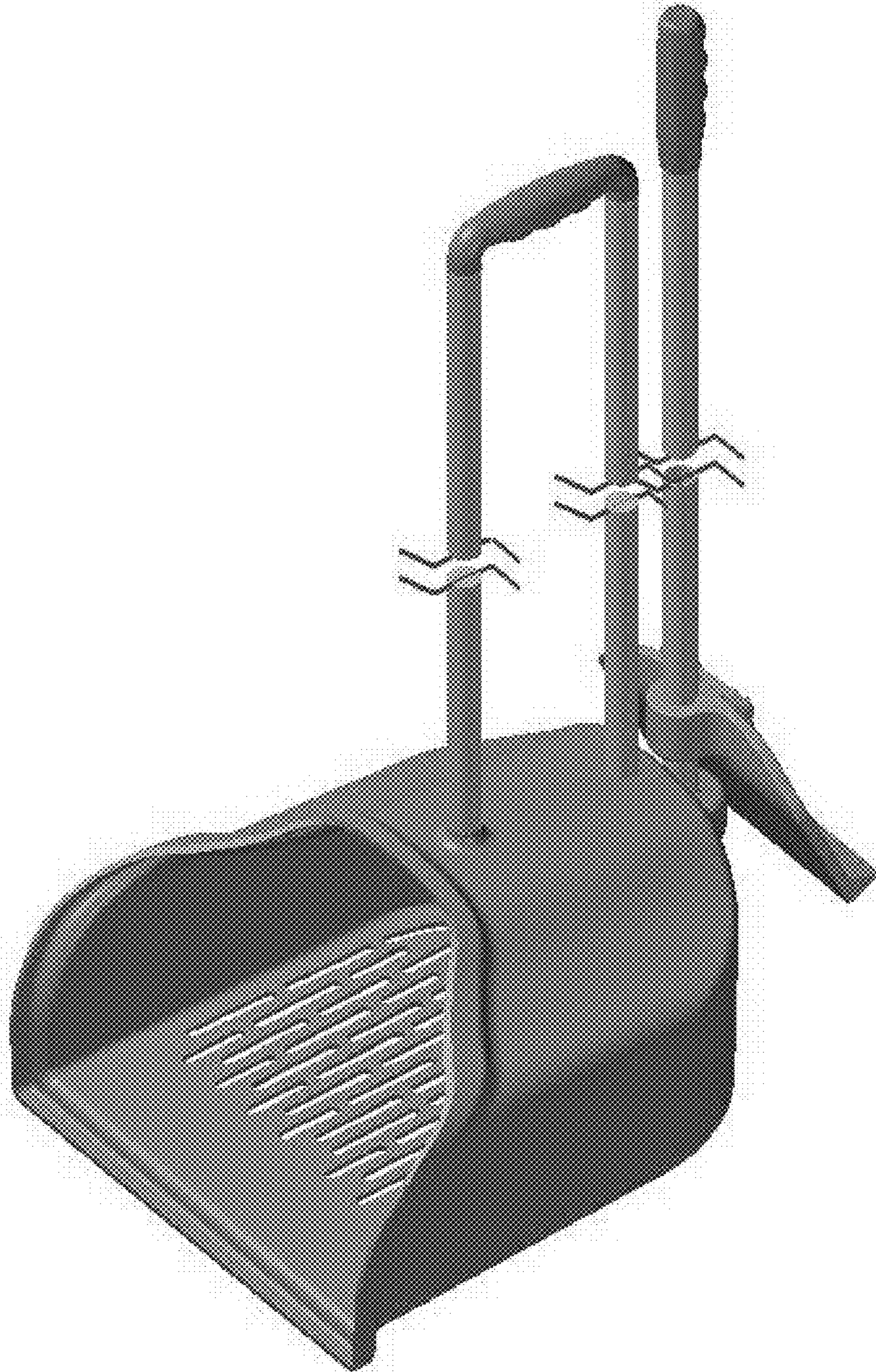


FIGURE 36