

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

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(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;

(Continued)

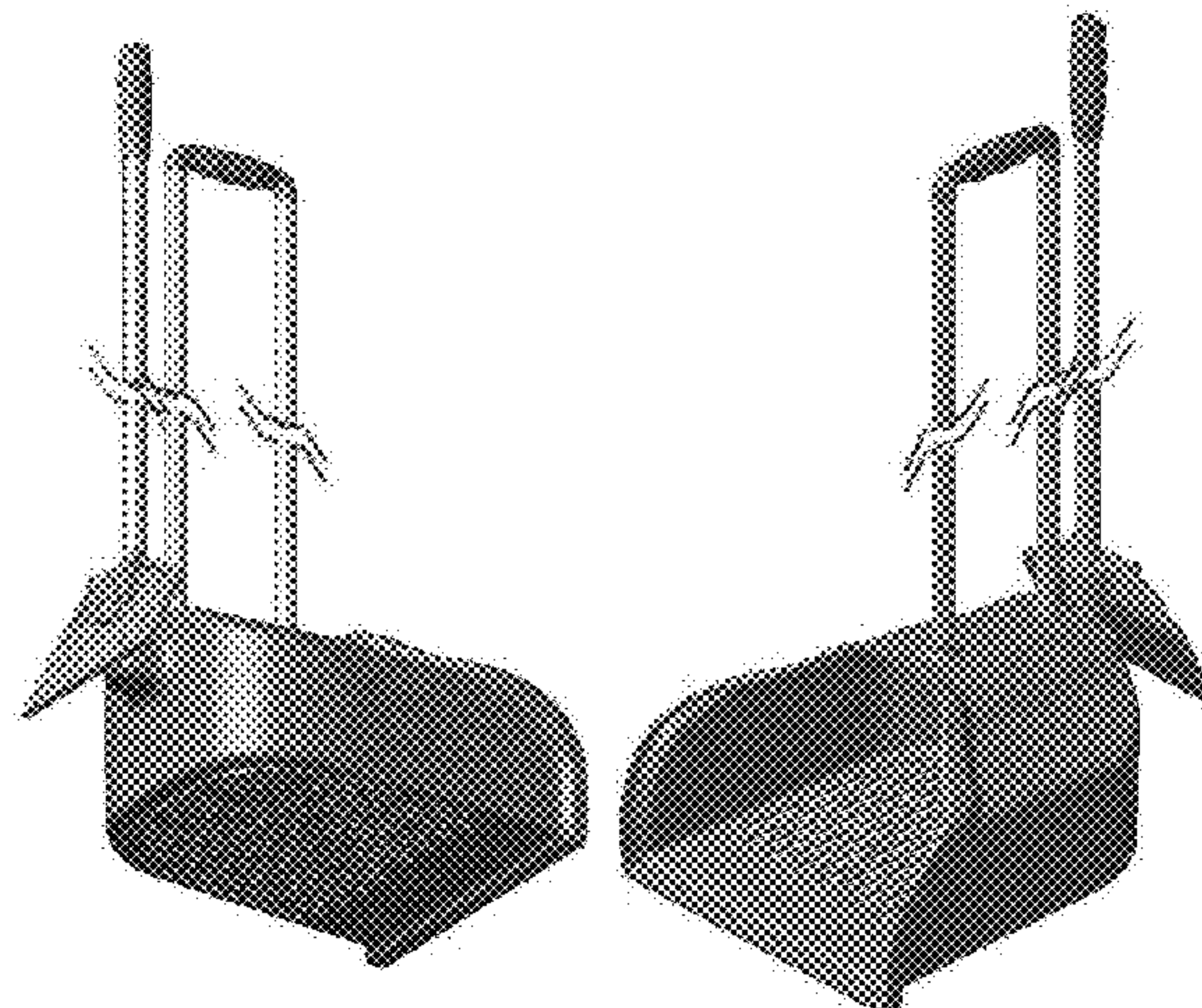




FIG. 29 is a rear elevation view of the handheld animal waste collection apparatus according to a third embodiment; FIG. 30 is a front elevation view of the apparatus of FIG. 29; FIG. 31 is a side elevation view of the apparatus of FIG. 29; FIG. 32 is a bottom elevation view of the apparatus of FIG. 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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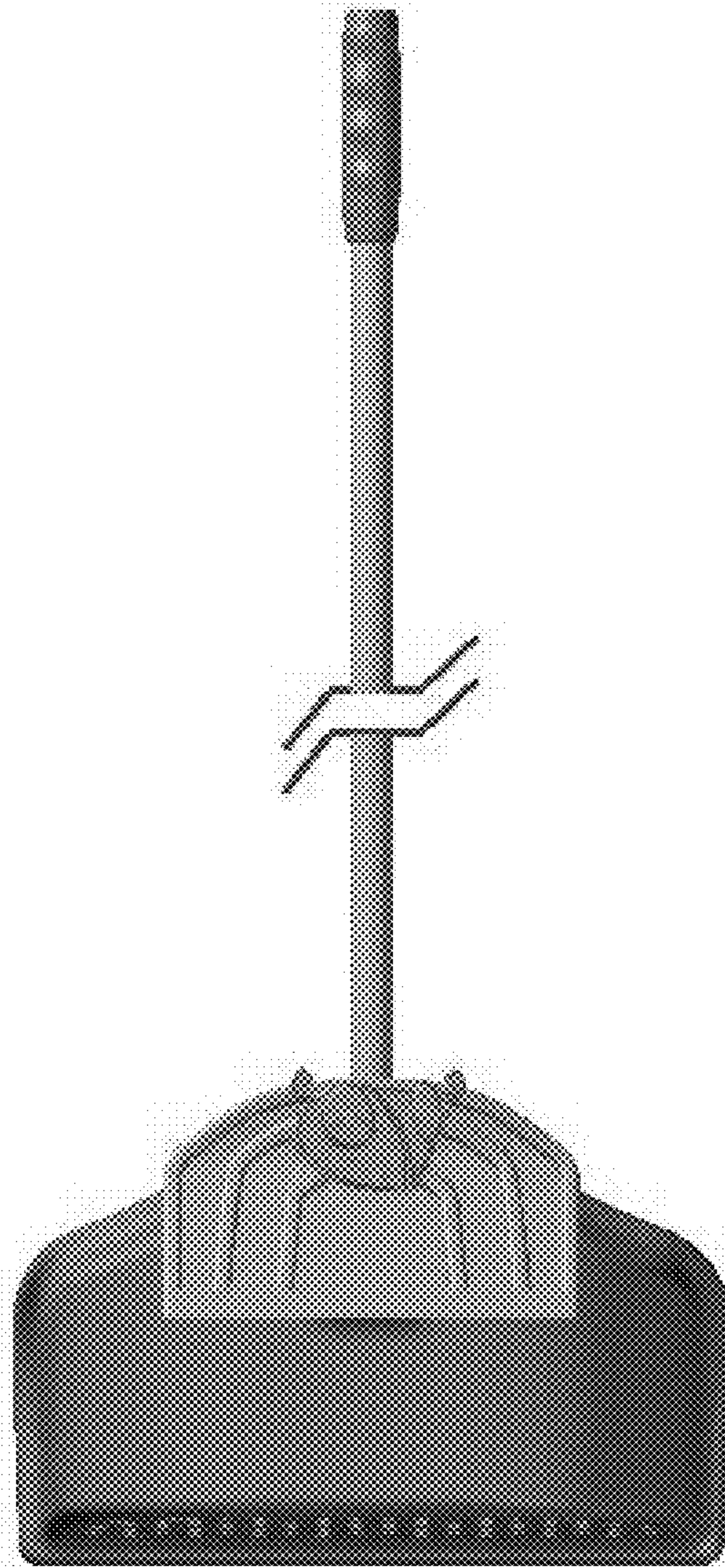


FIGURE 1



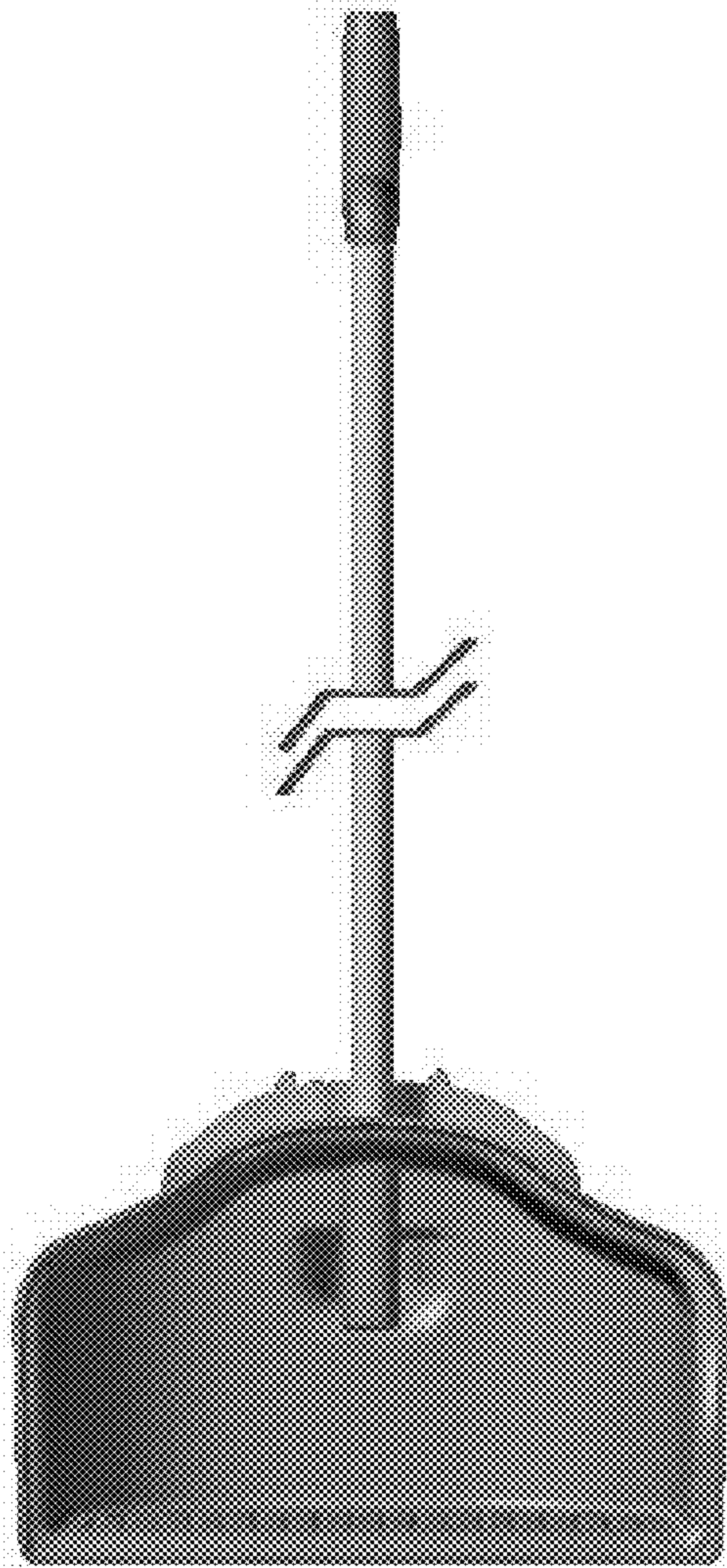


FIGURE 2

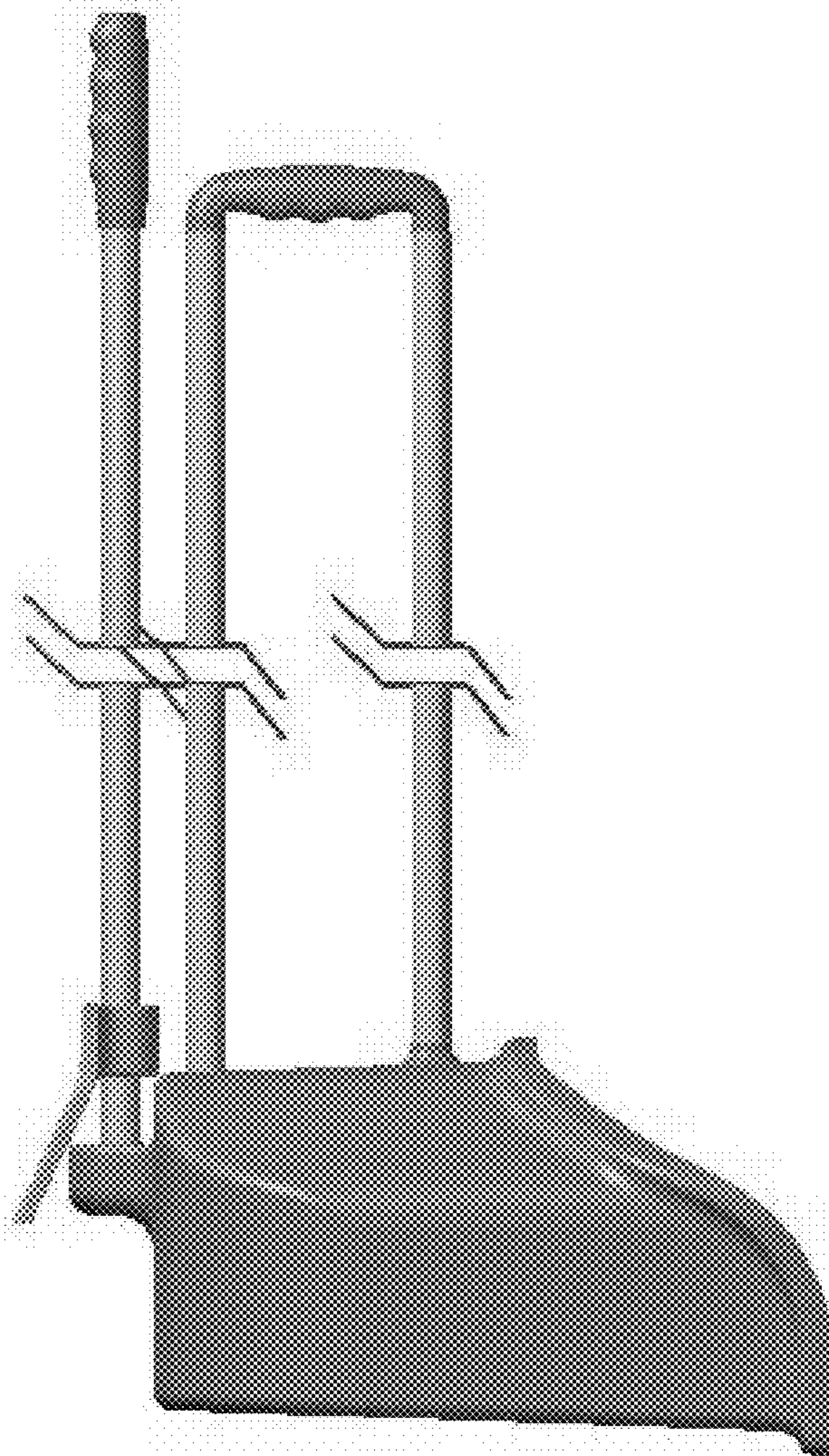


FIGURE 3



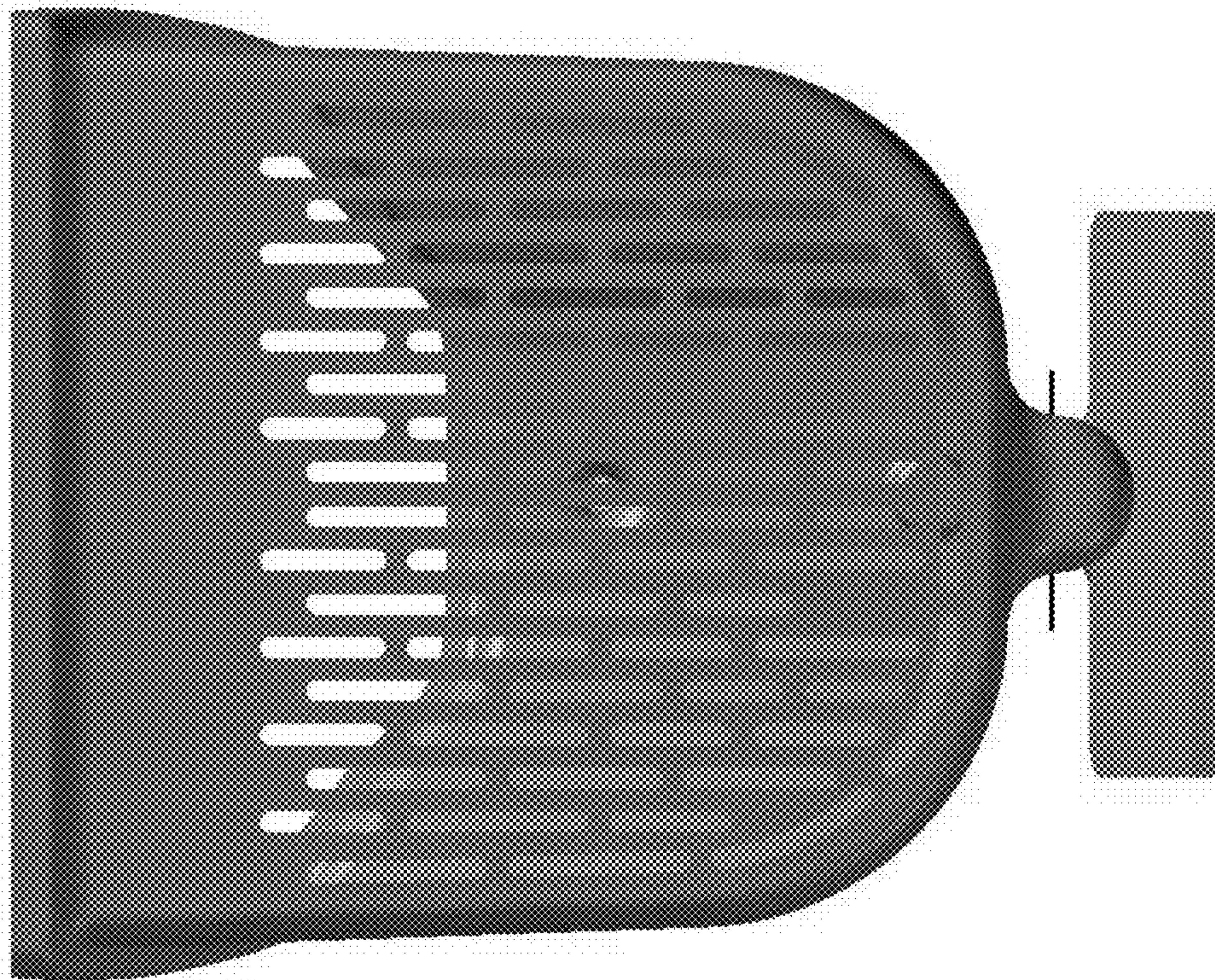


FIGURE 4



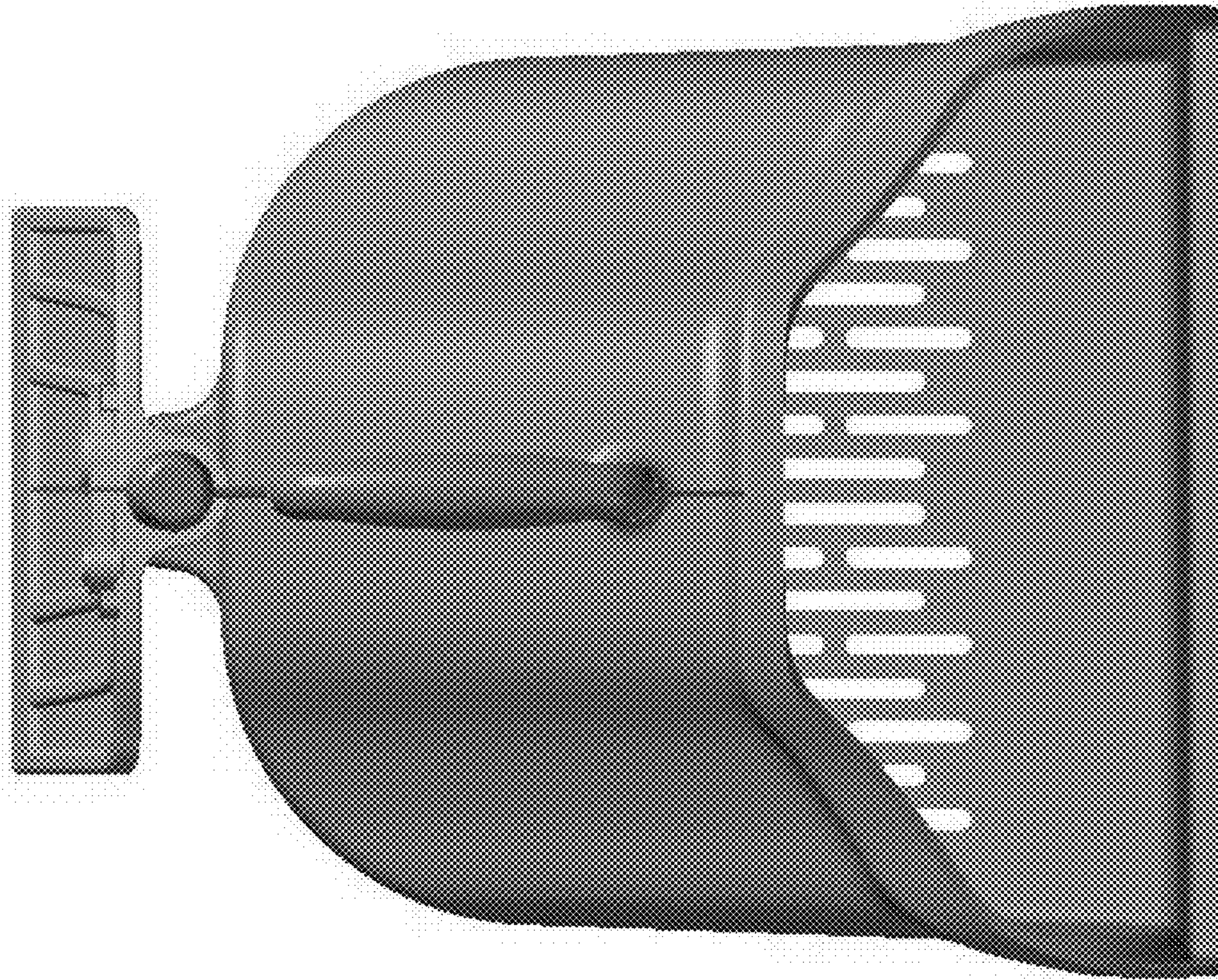


FIGURE 5



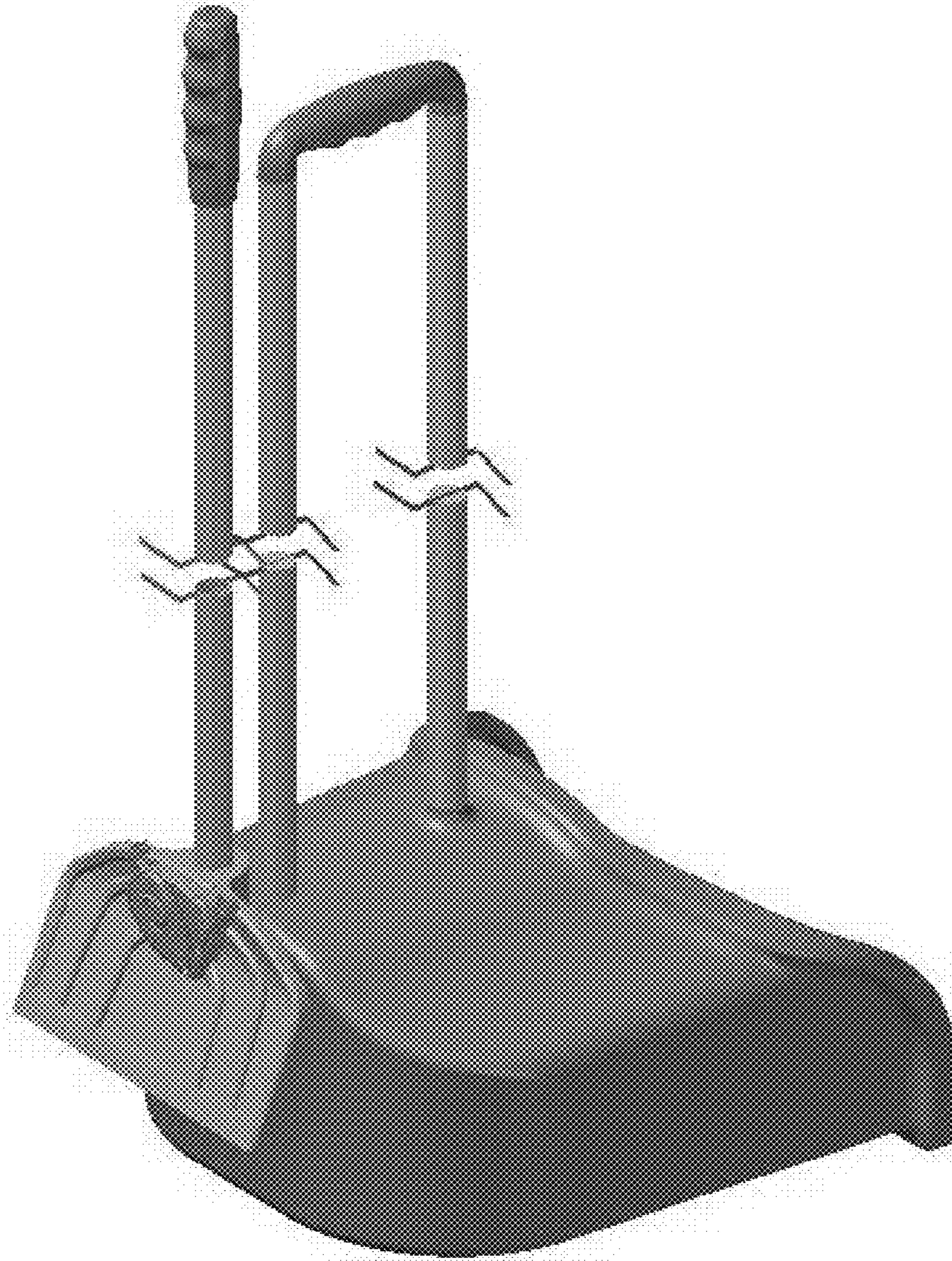


FIGURE 6



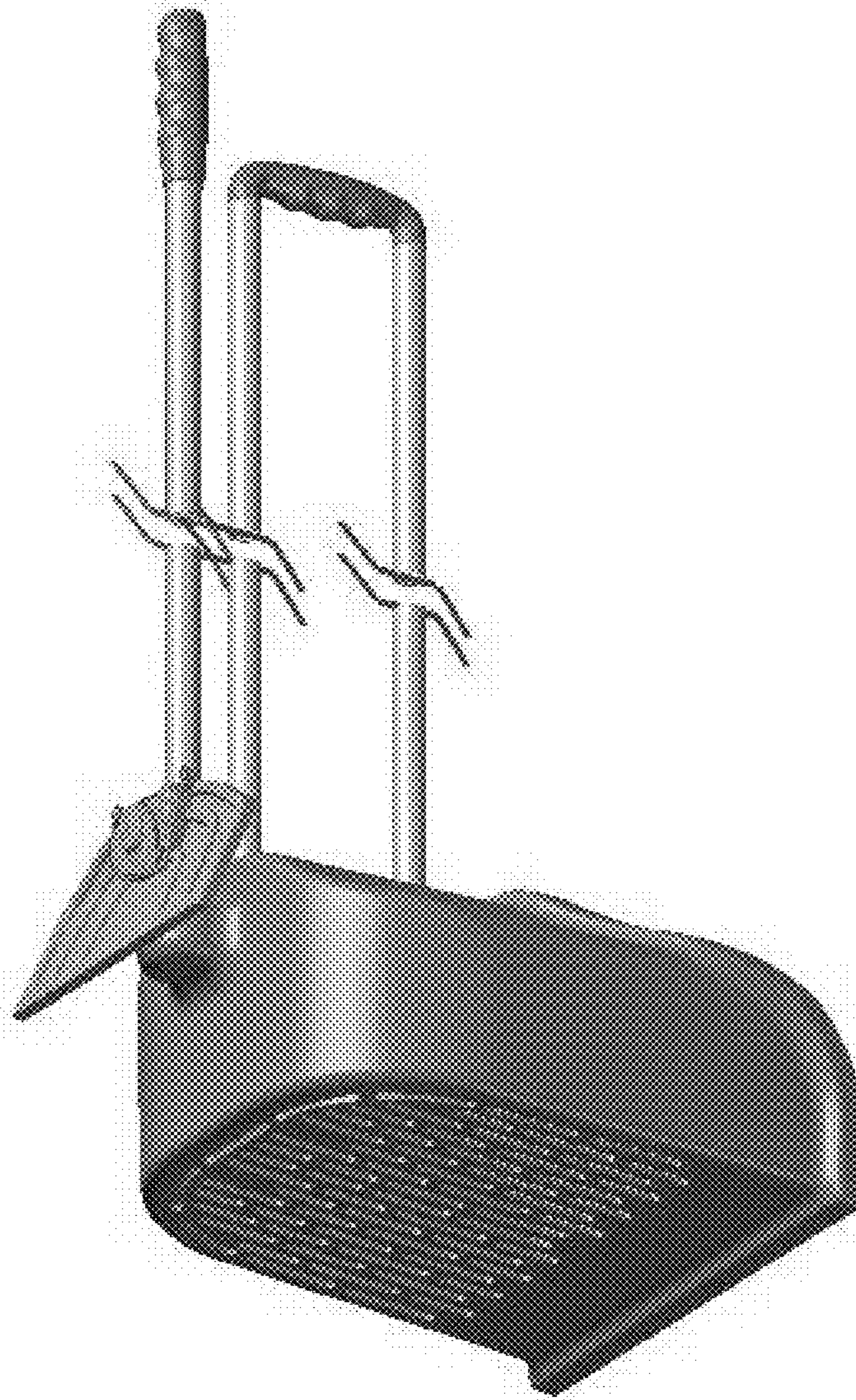


FIGURE 7

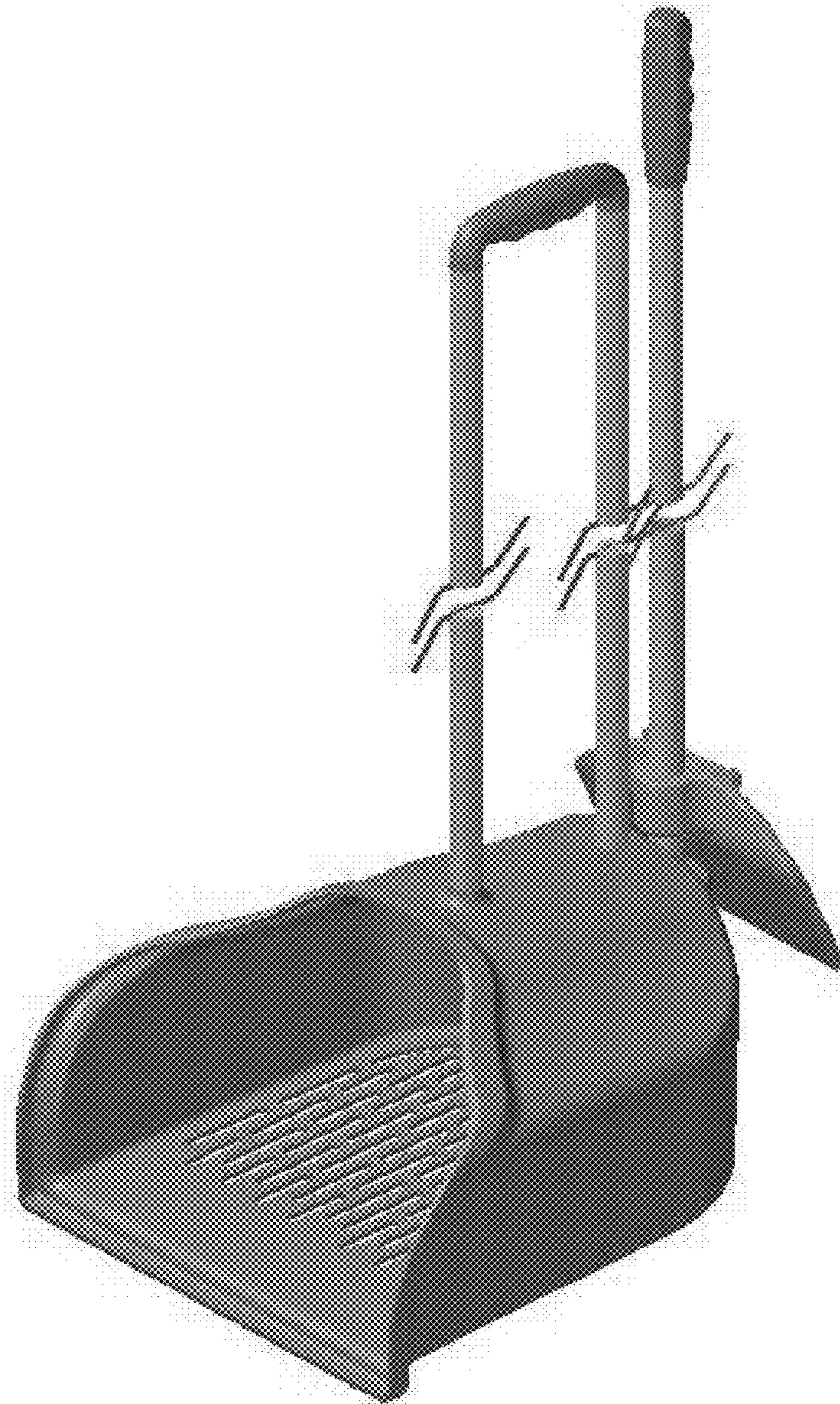


FIGURE 8



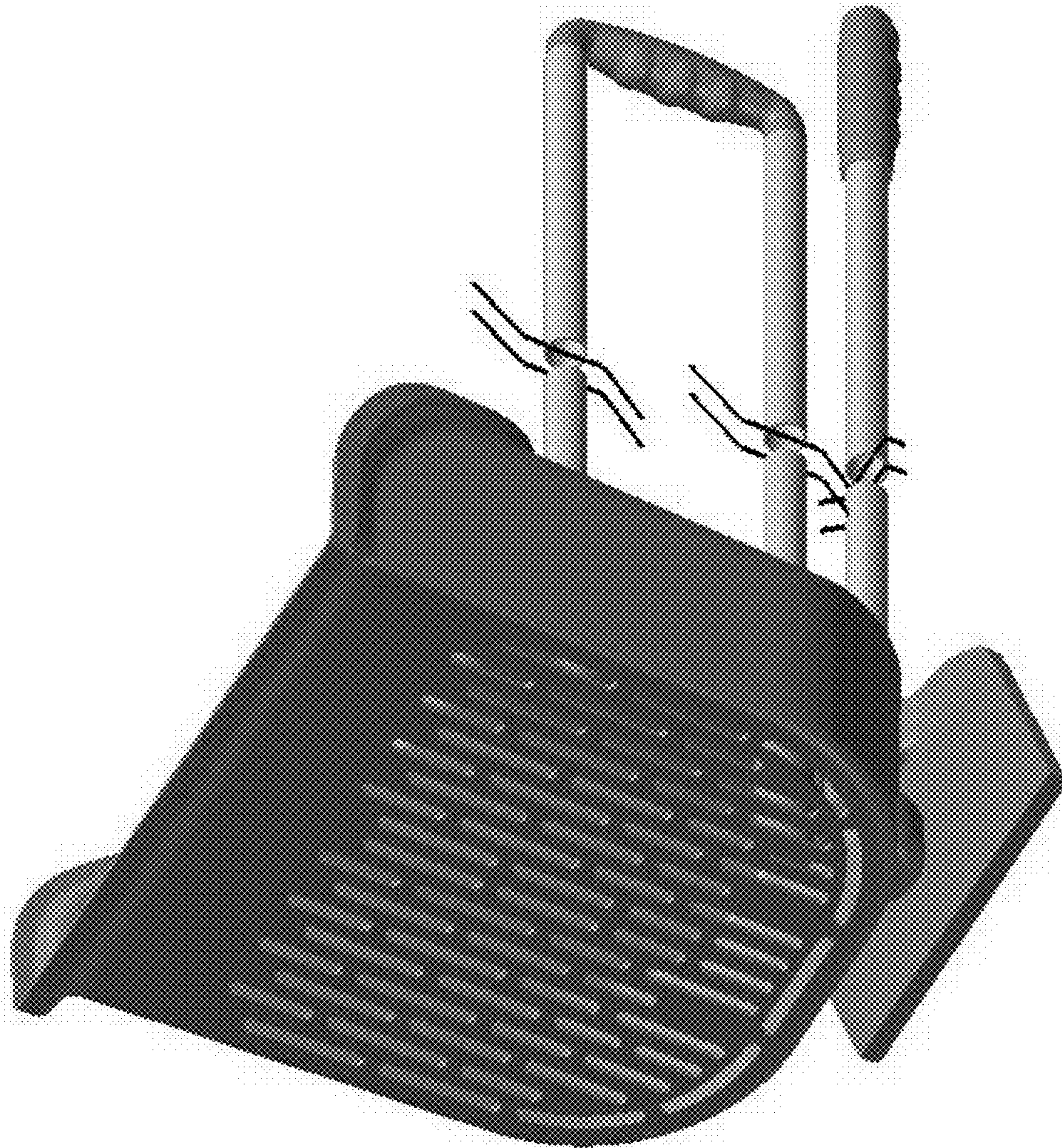


FIGURE 9



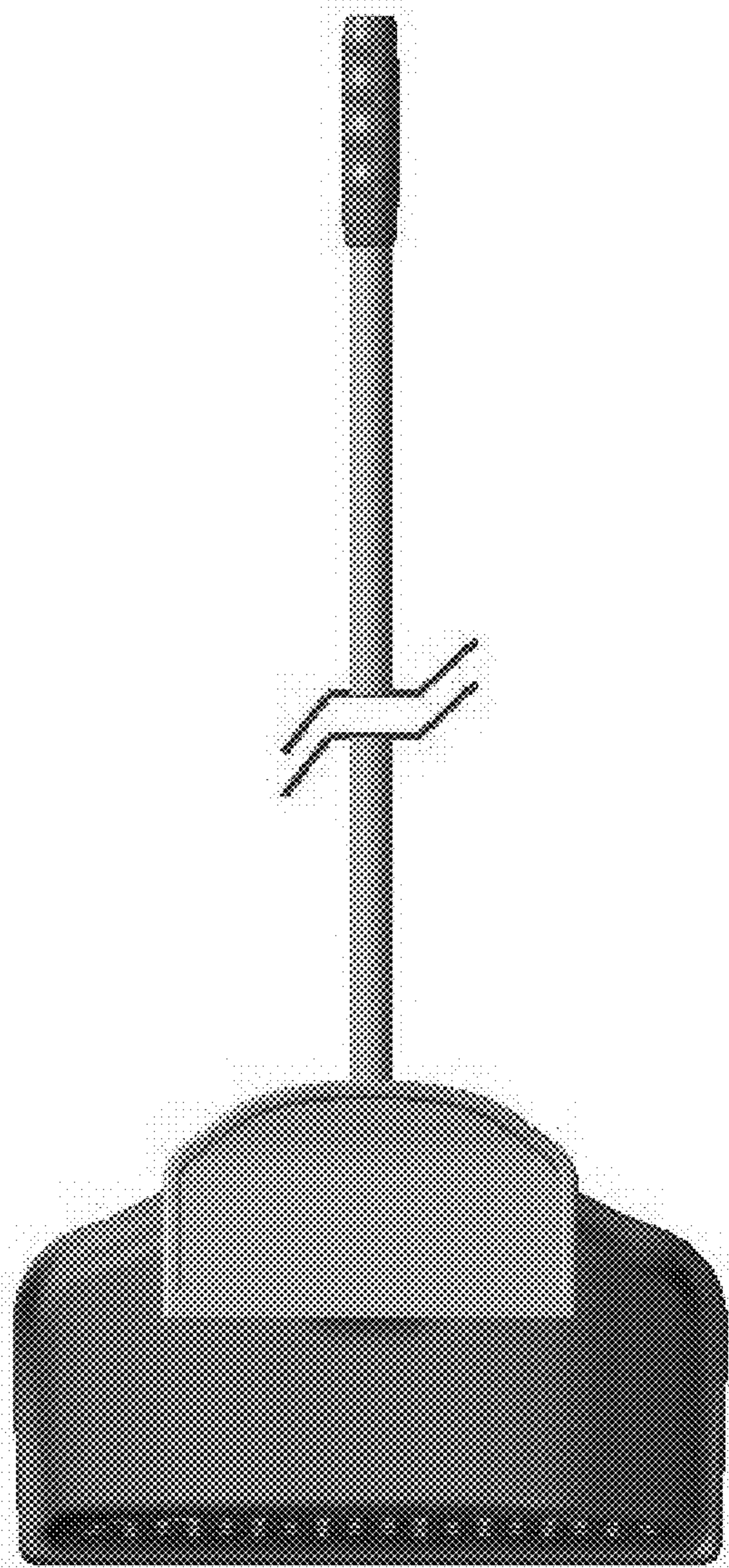


FIGURE 10



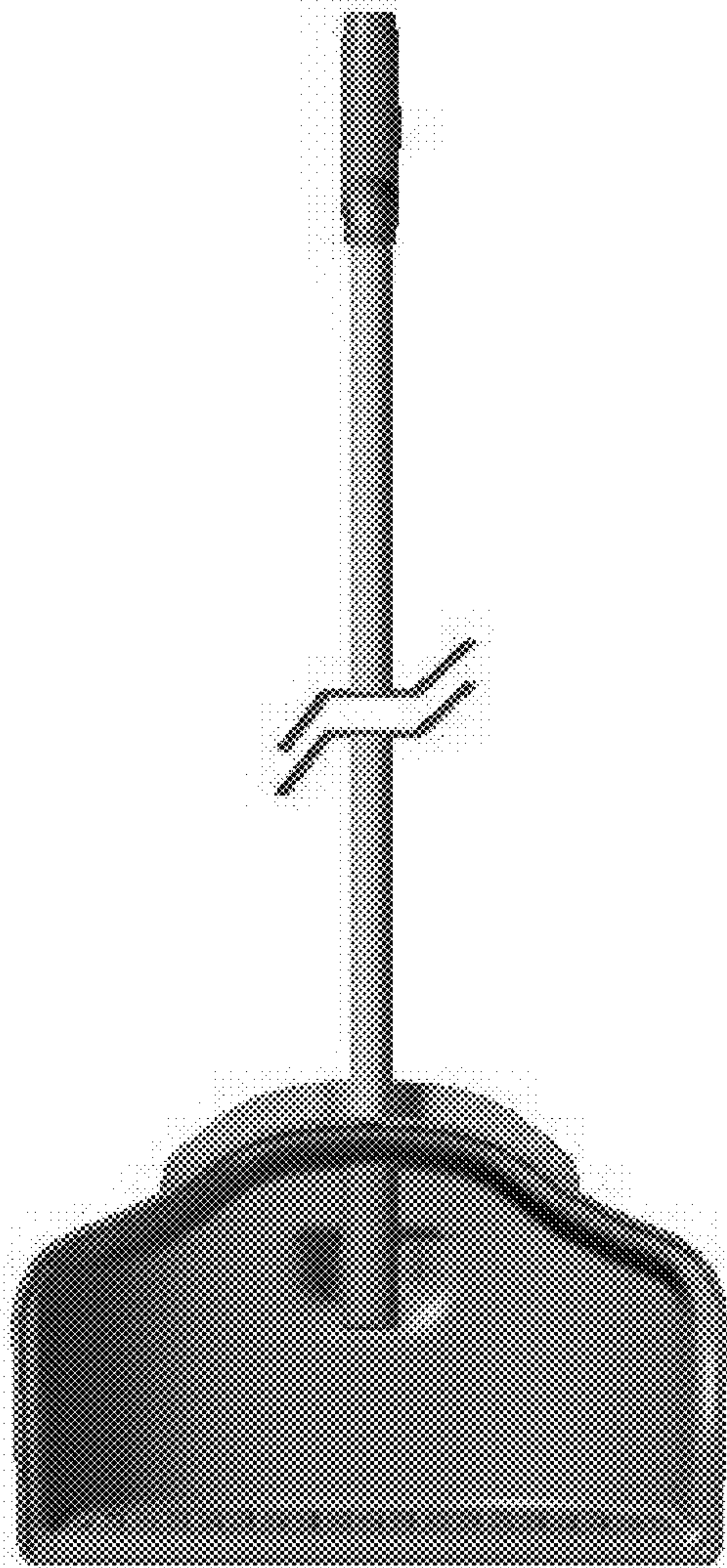


FIGURE 11

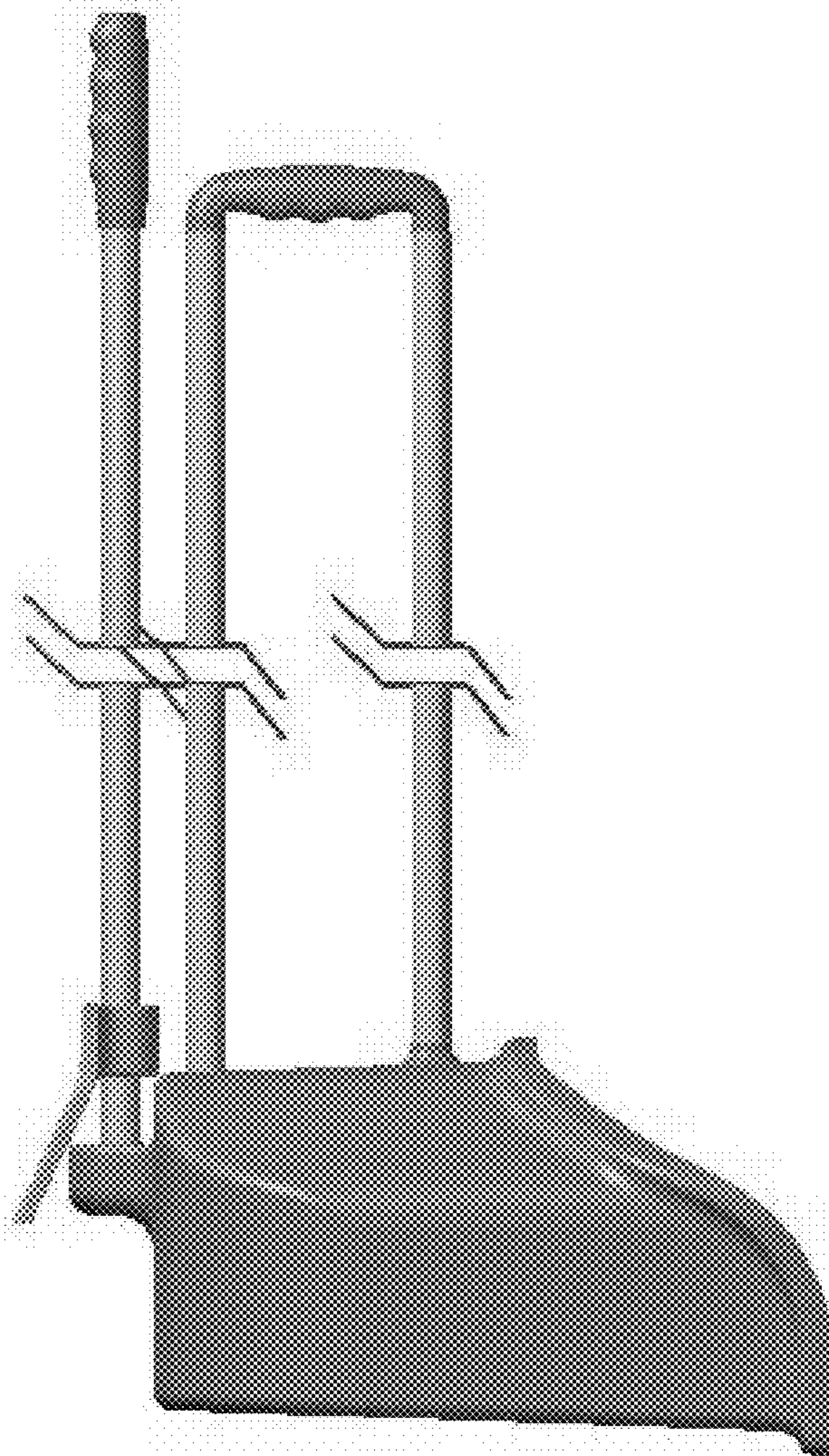


FIGURE 12



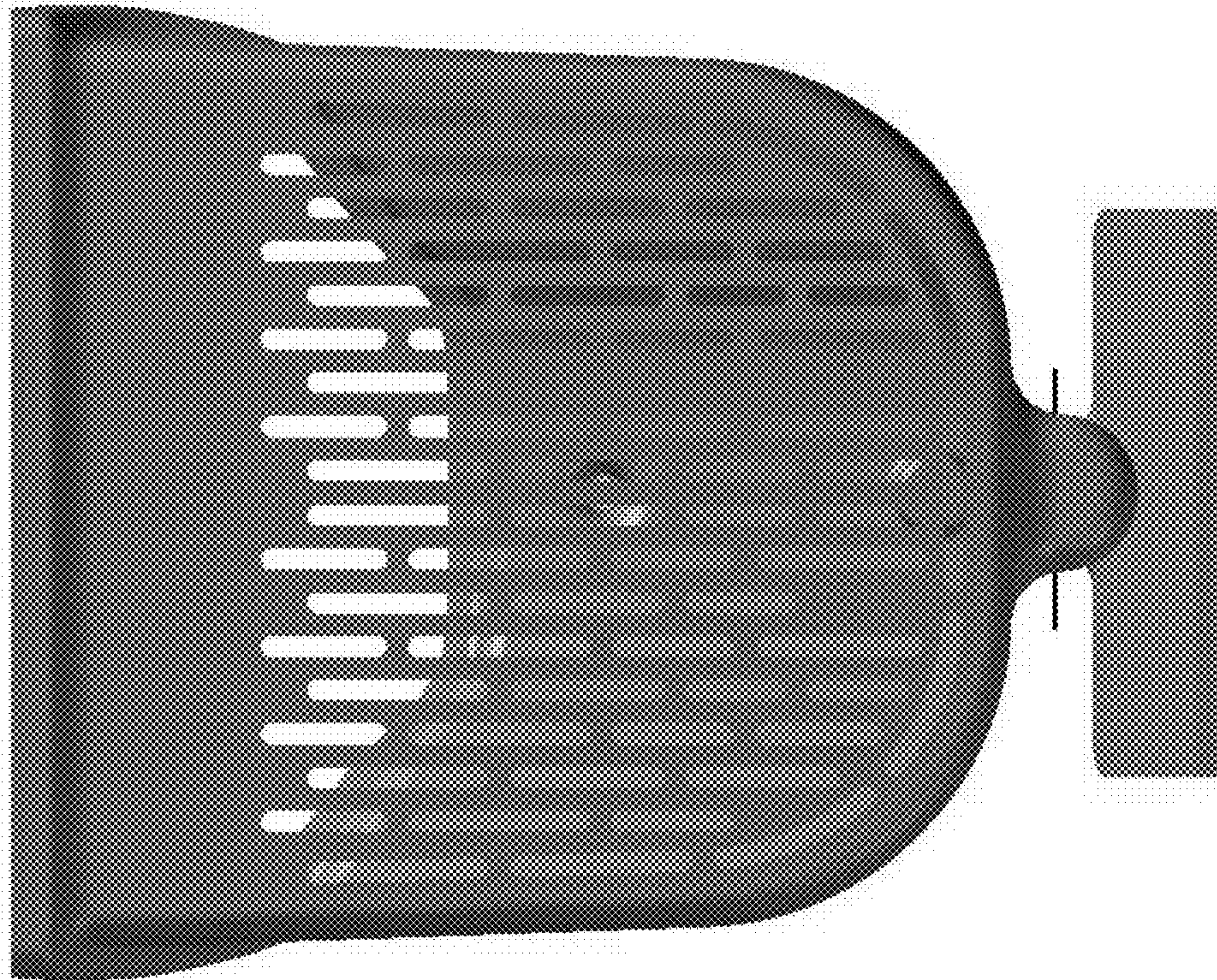


FIGURE 13



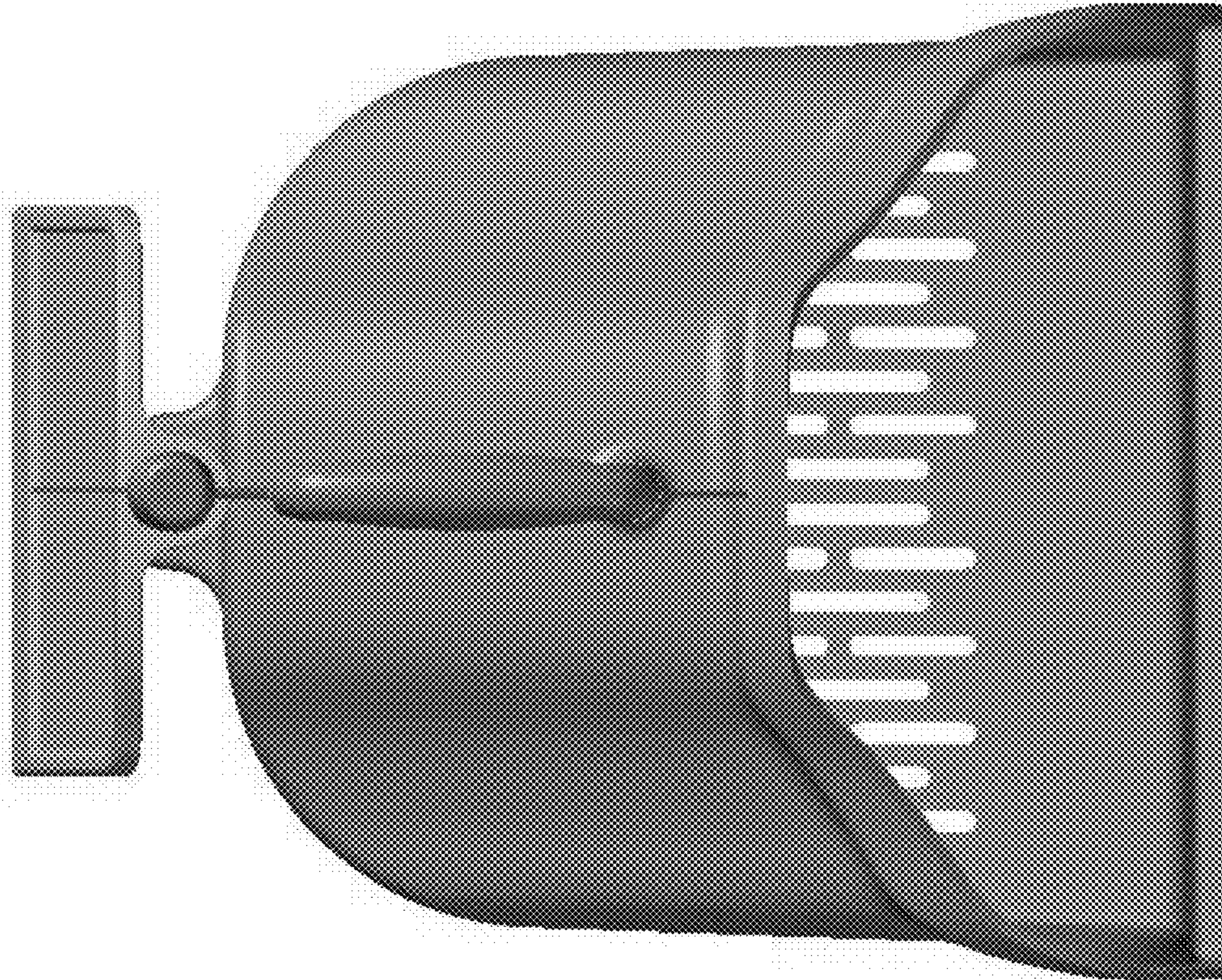


FIGURE 14



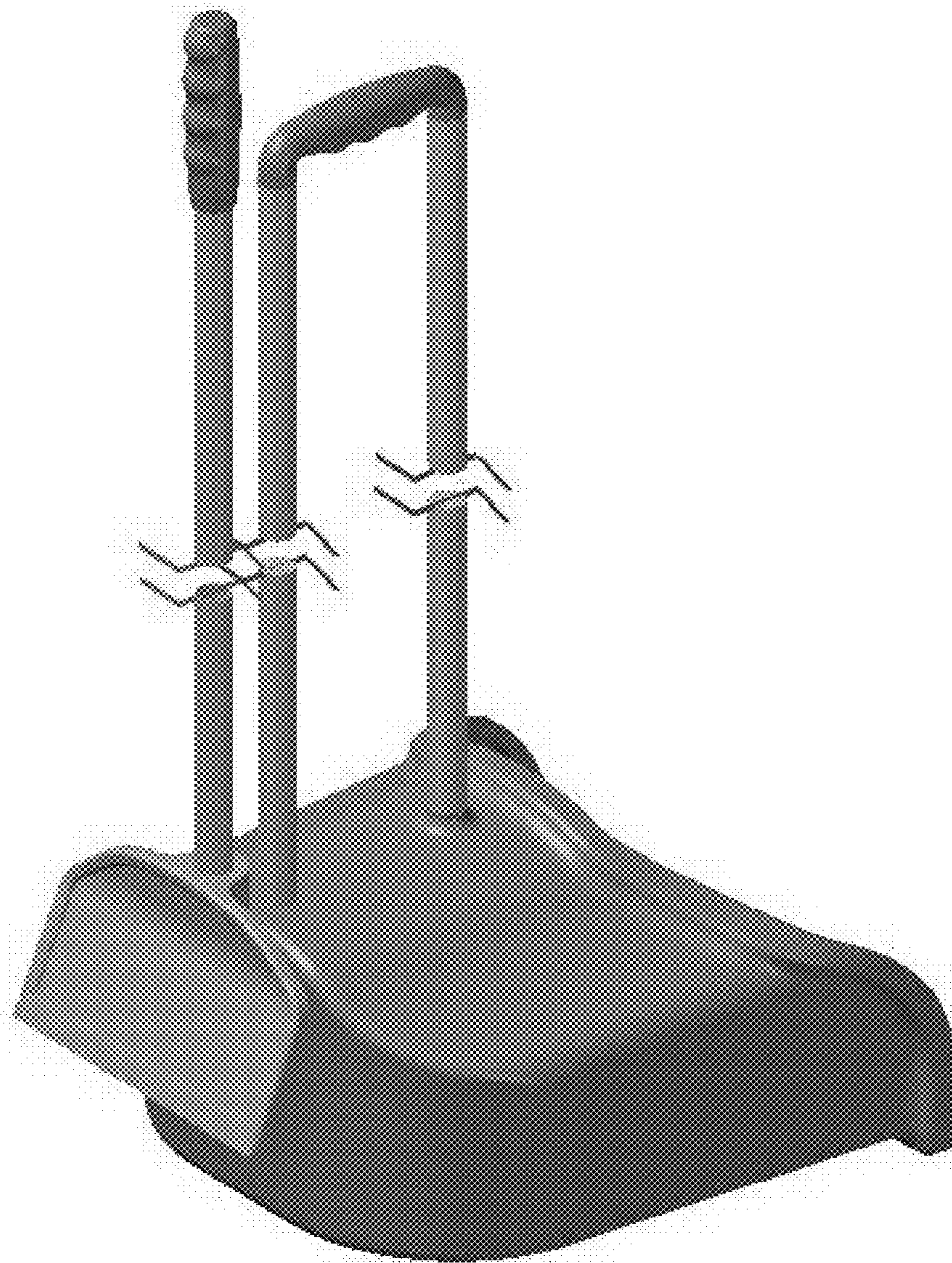


FIGURE 15

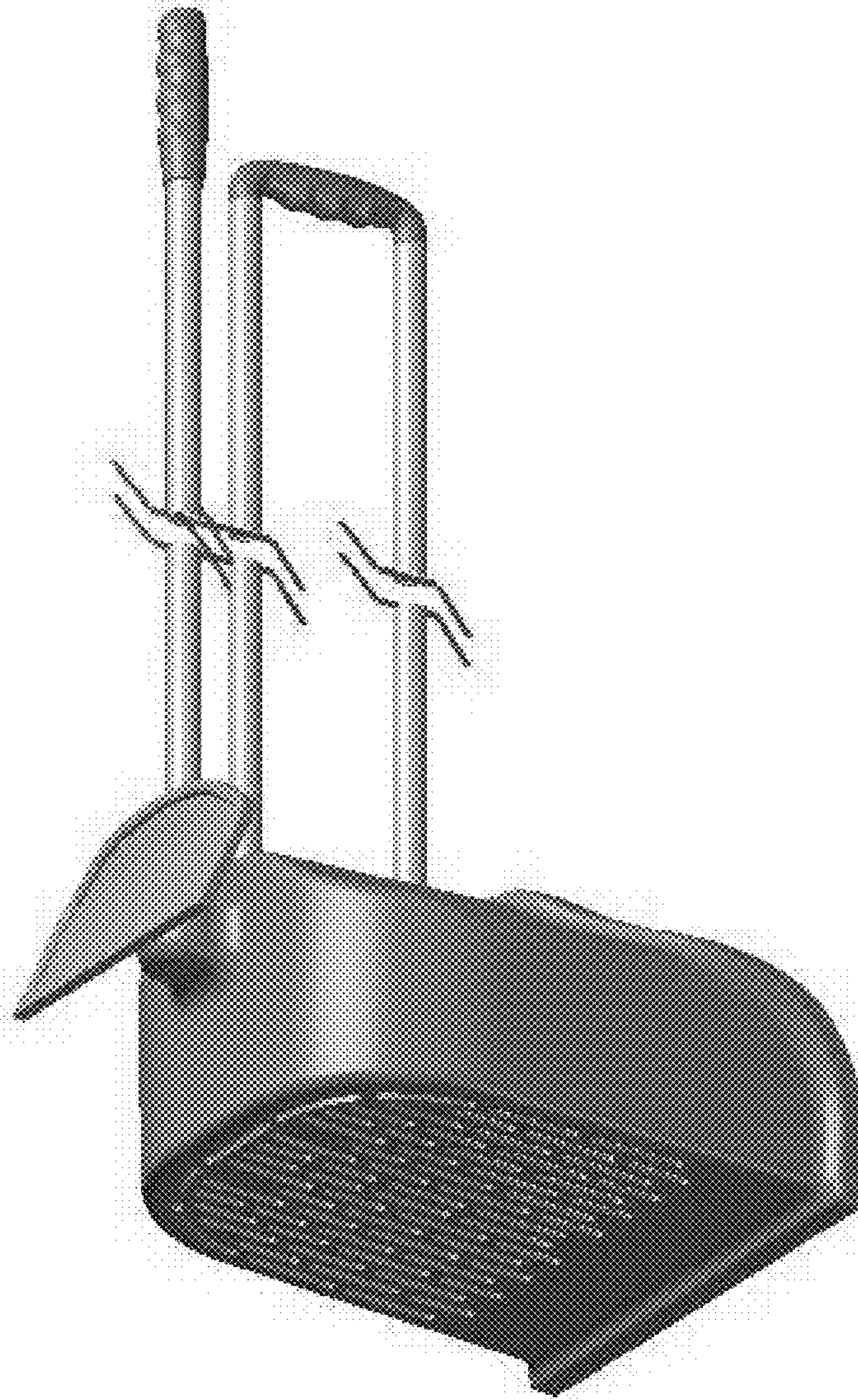


FIGURE 16



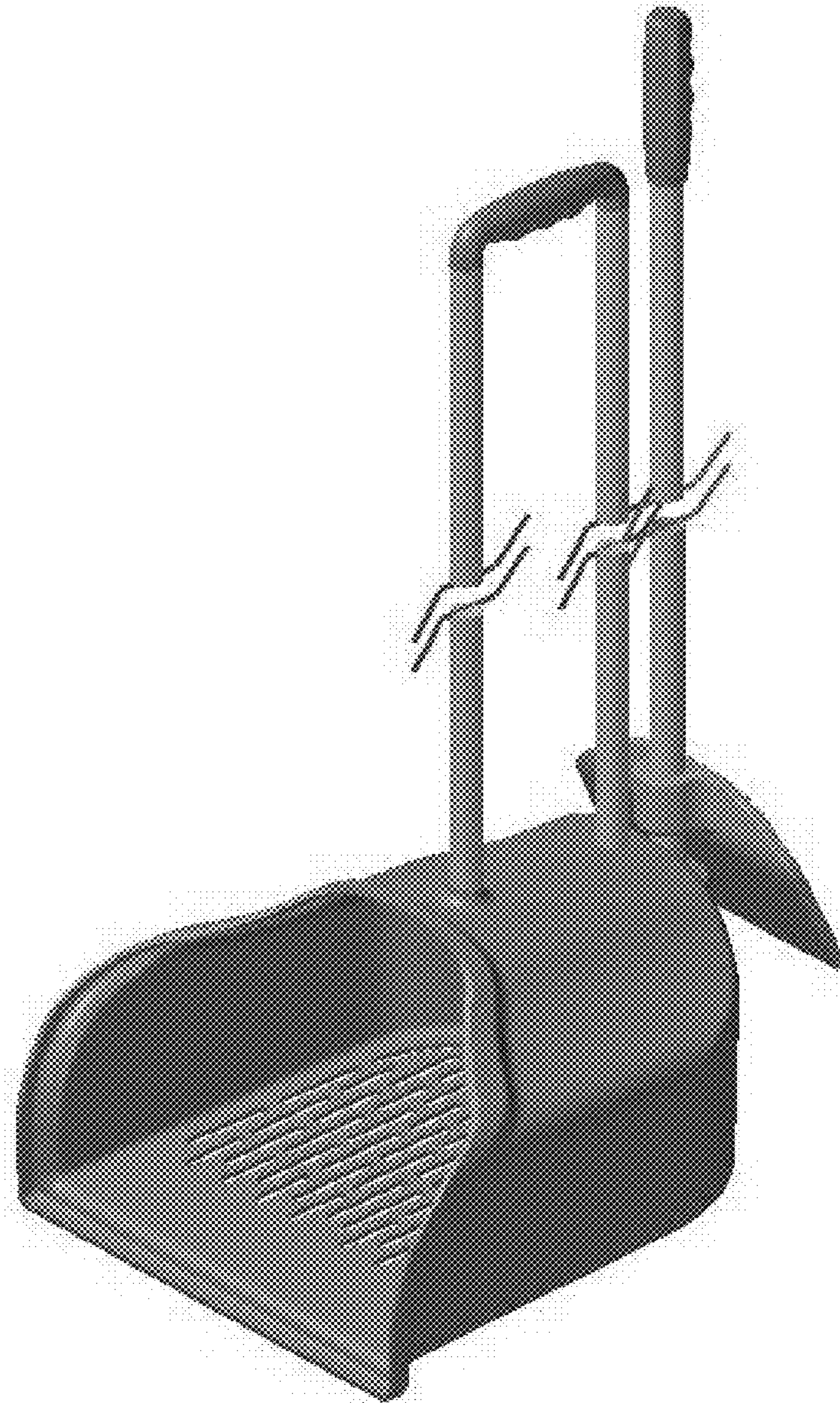


FIGURE 17



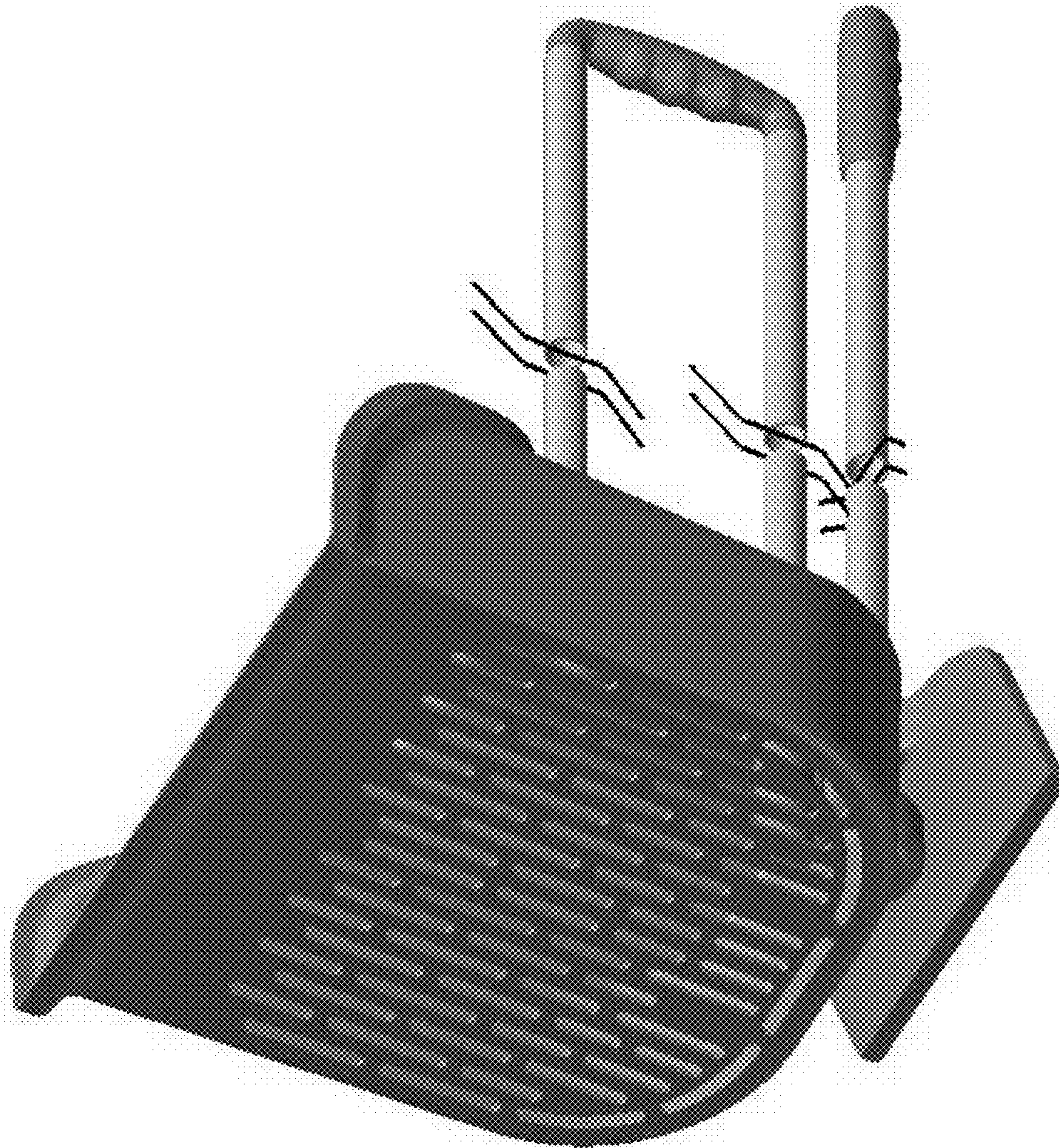


FIGURE 18



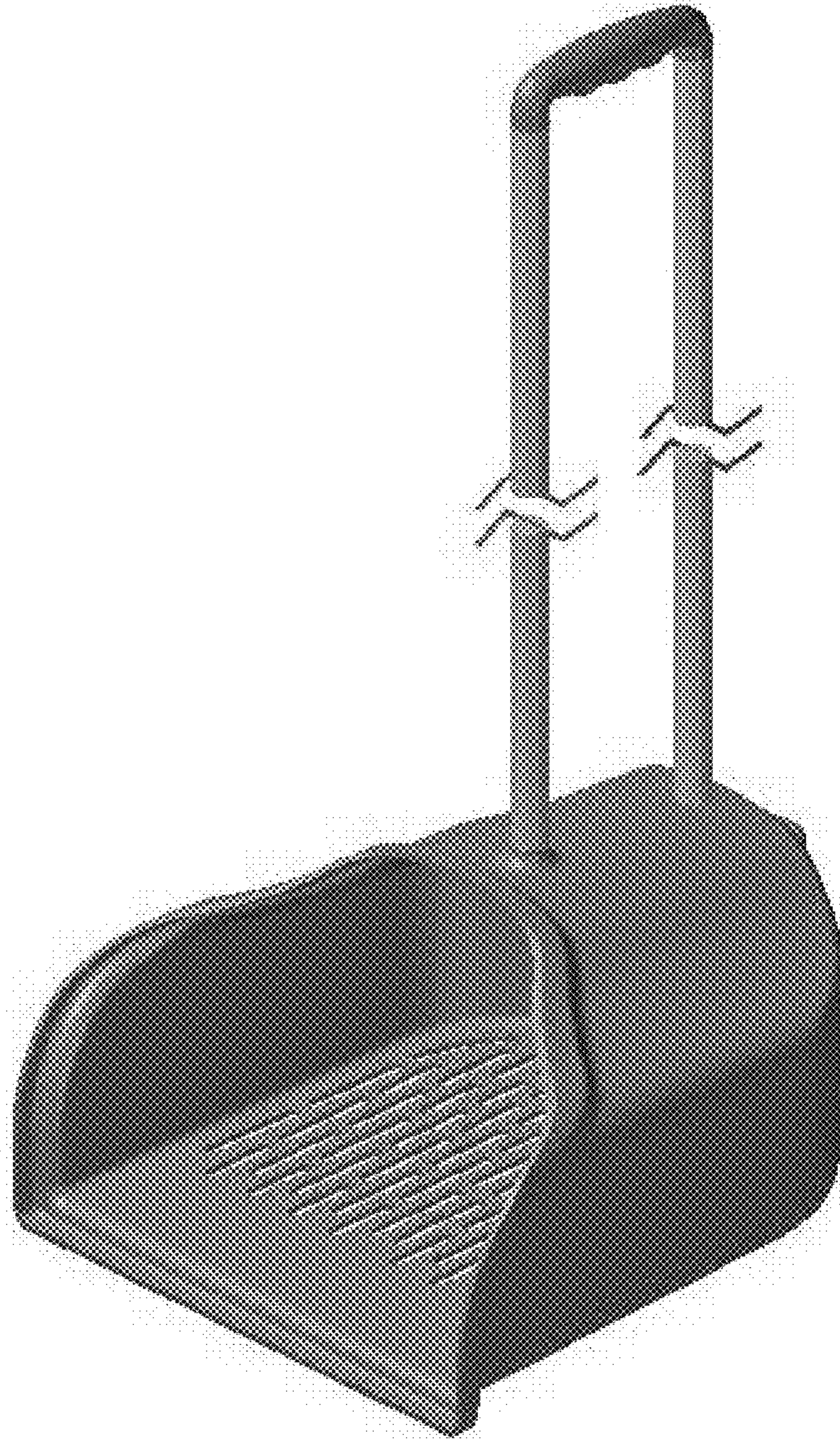


FIGURE 19



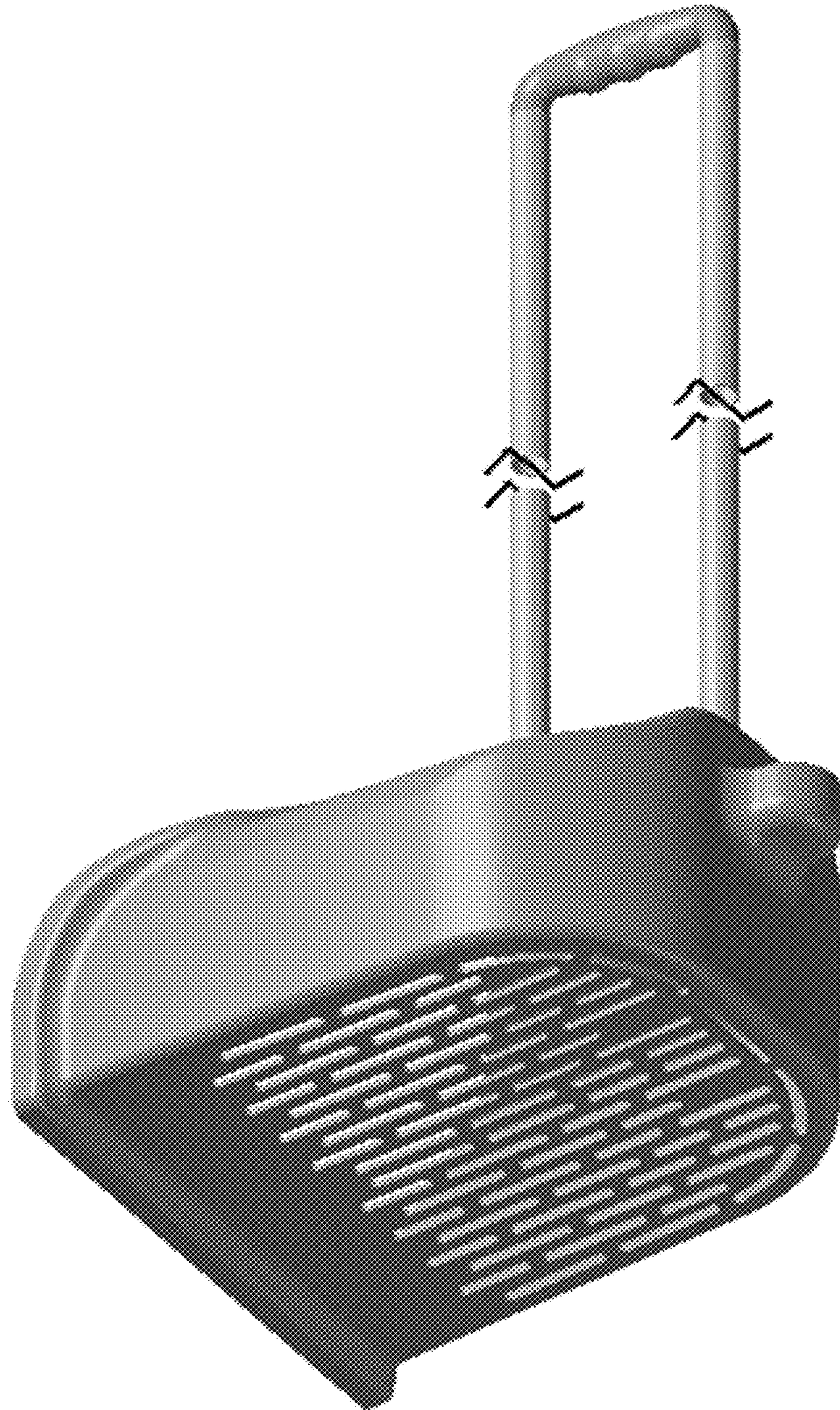


FIGURE 20



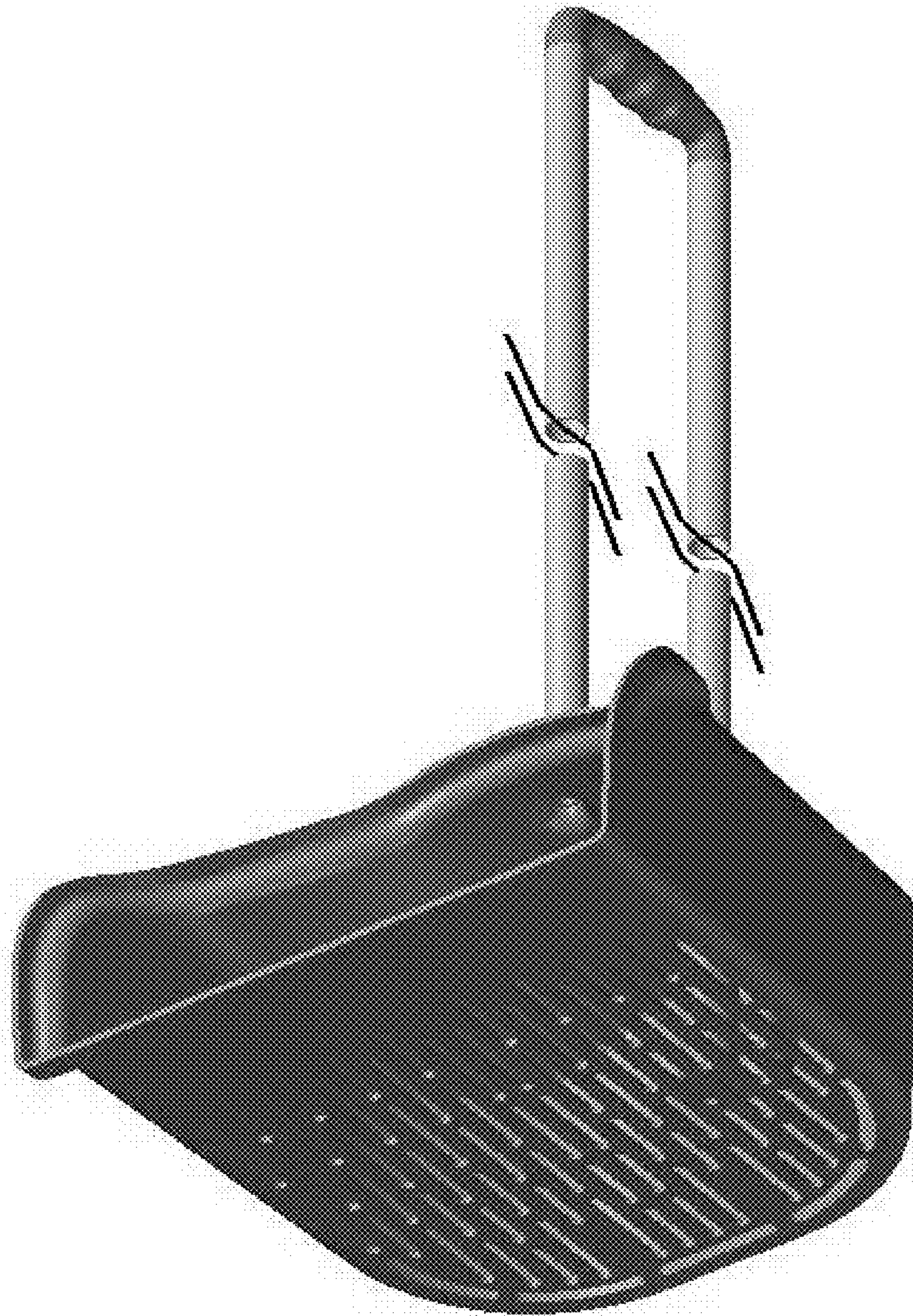


FIGURE 21



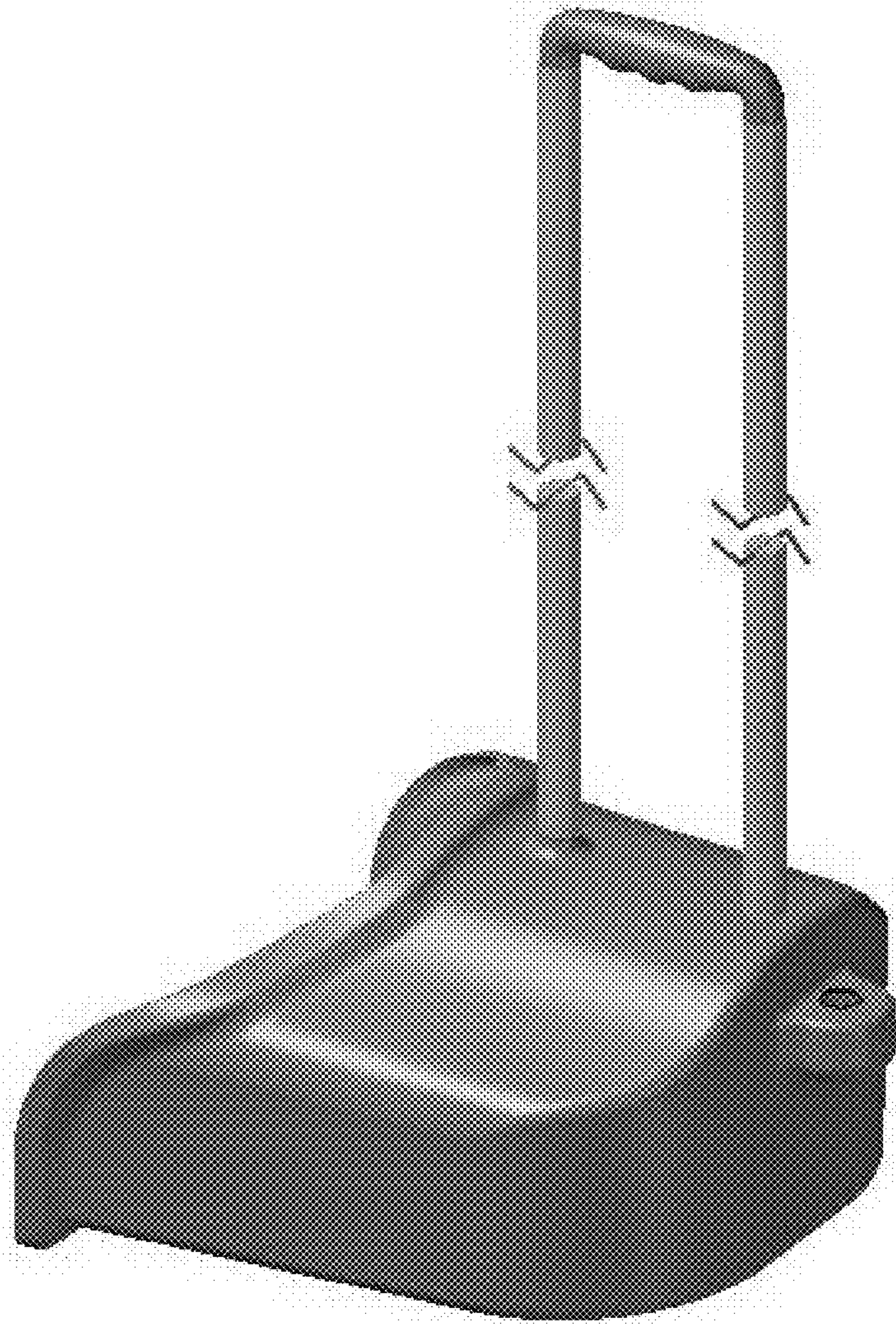


FIGURE 22



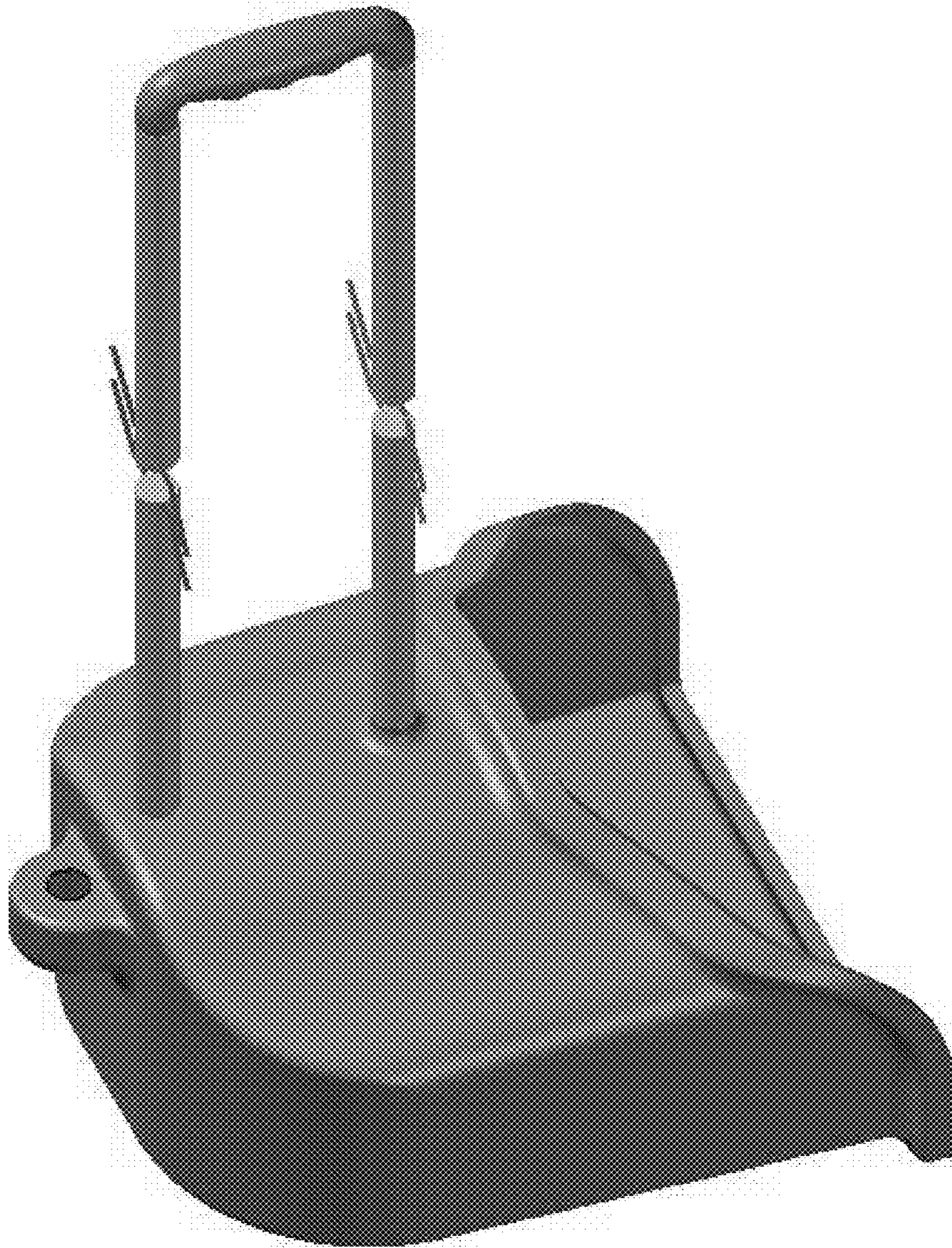


FIGURE 23



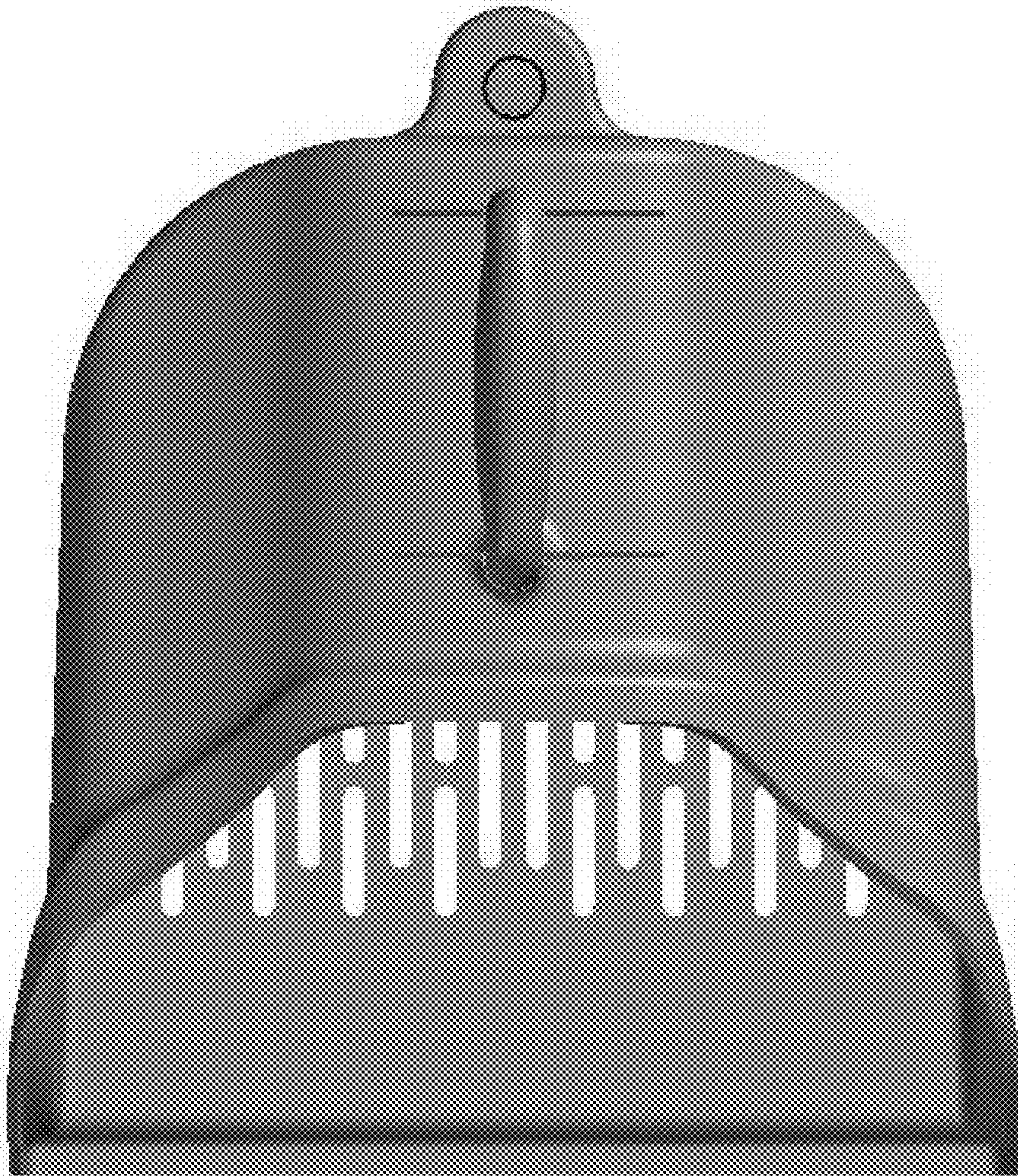


FIGURE 24



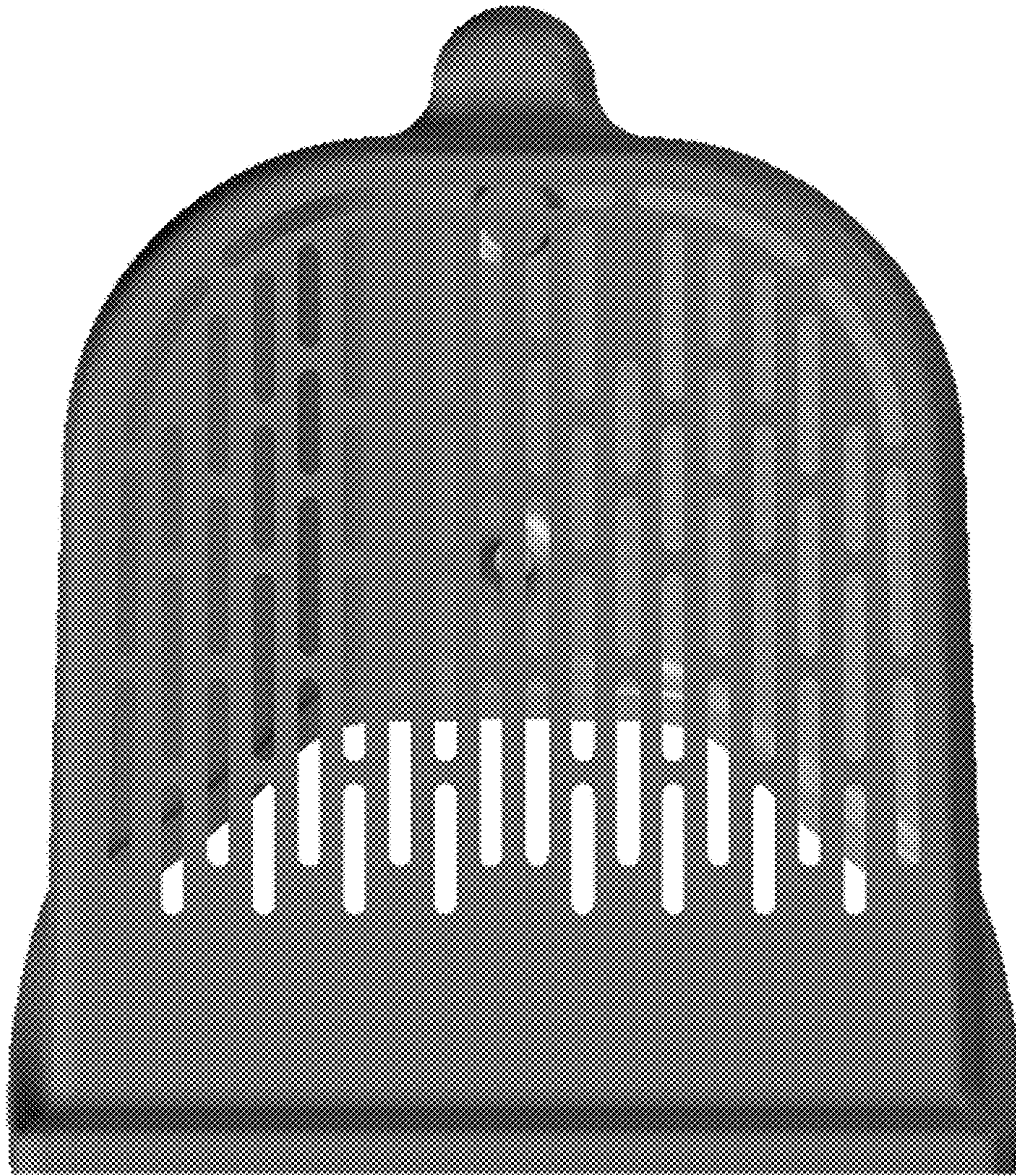


FIGURE 25

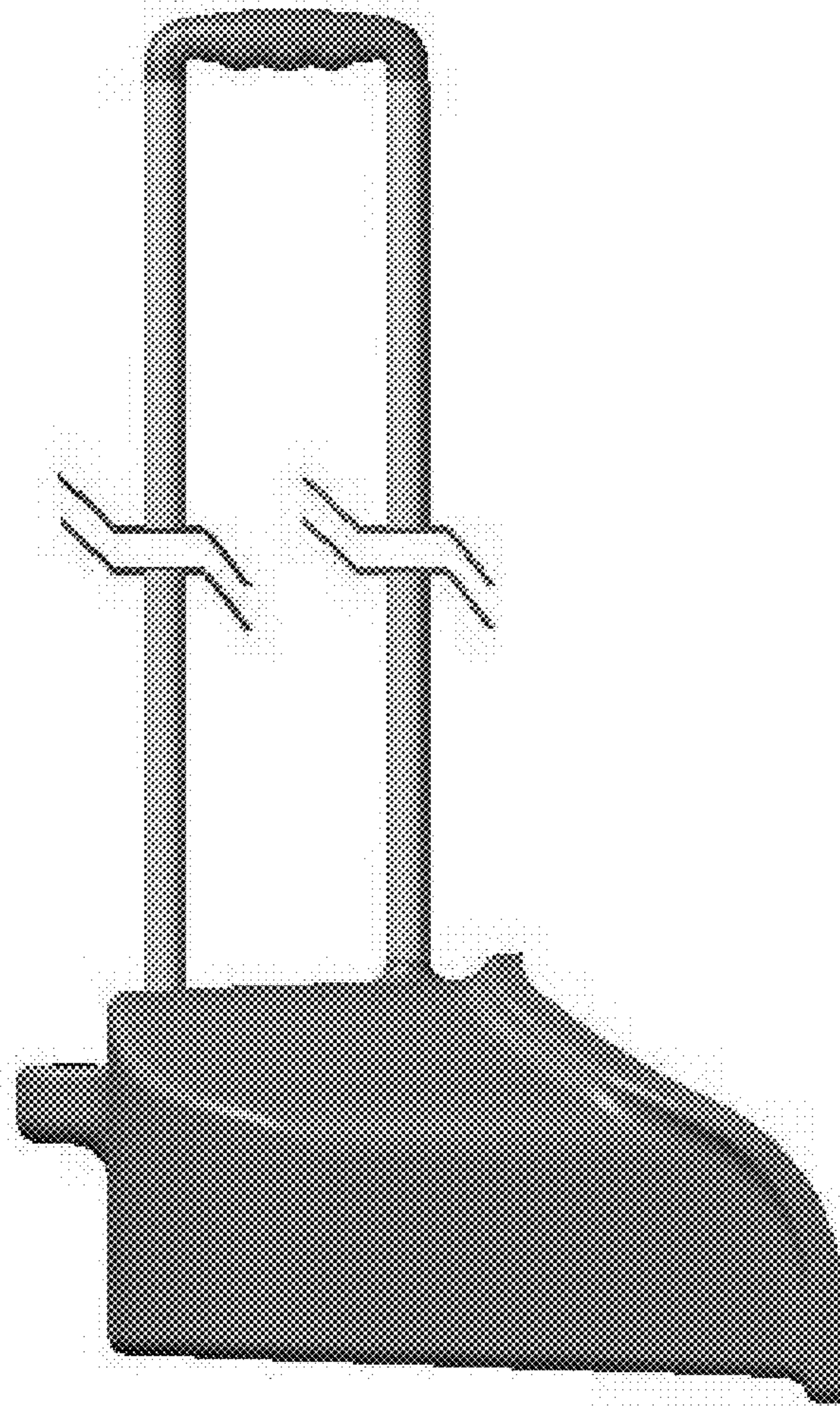


FIGURE 26



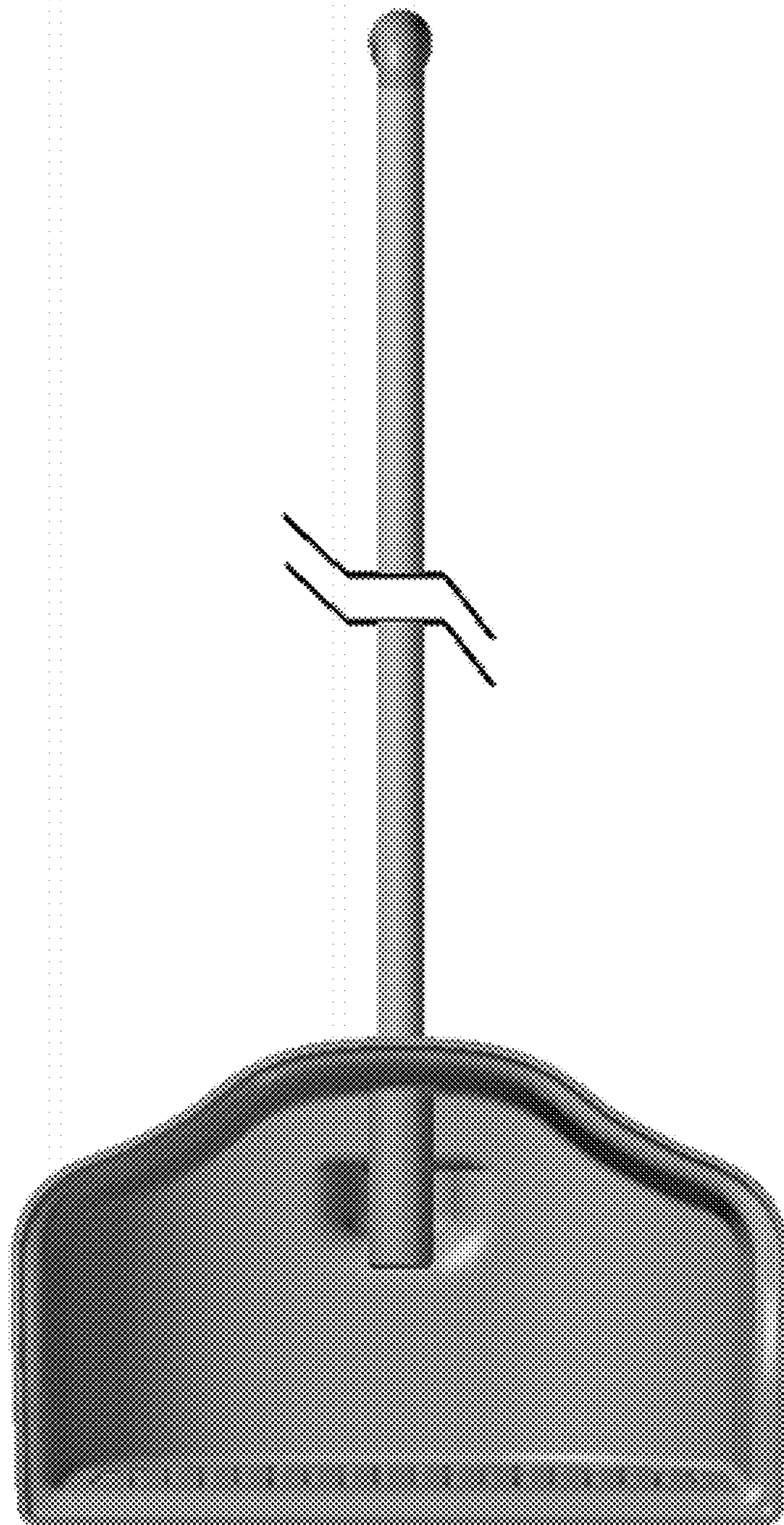


FIGURE 27

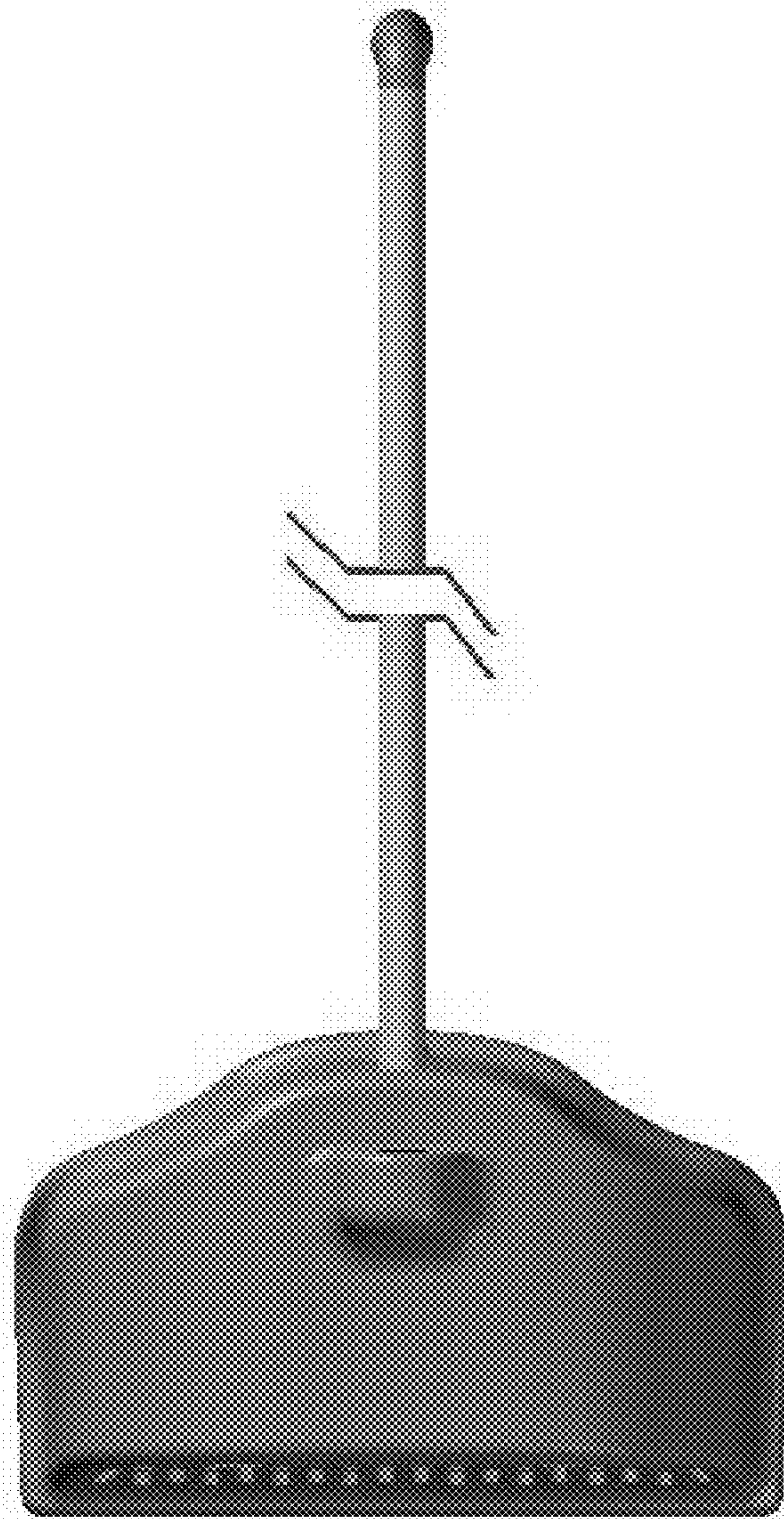


FIGURE 28



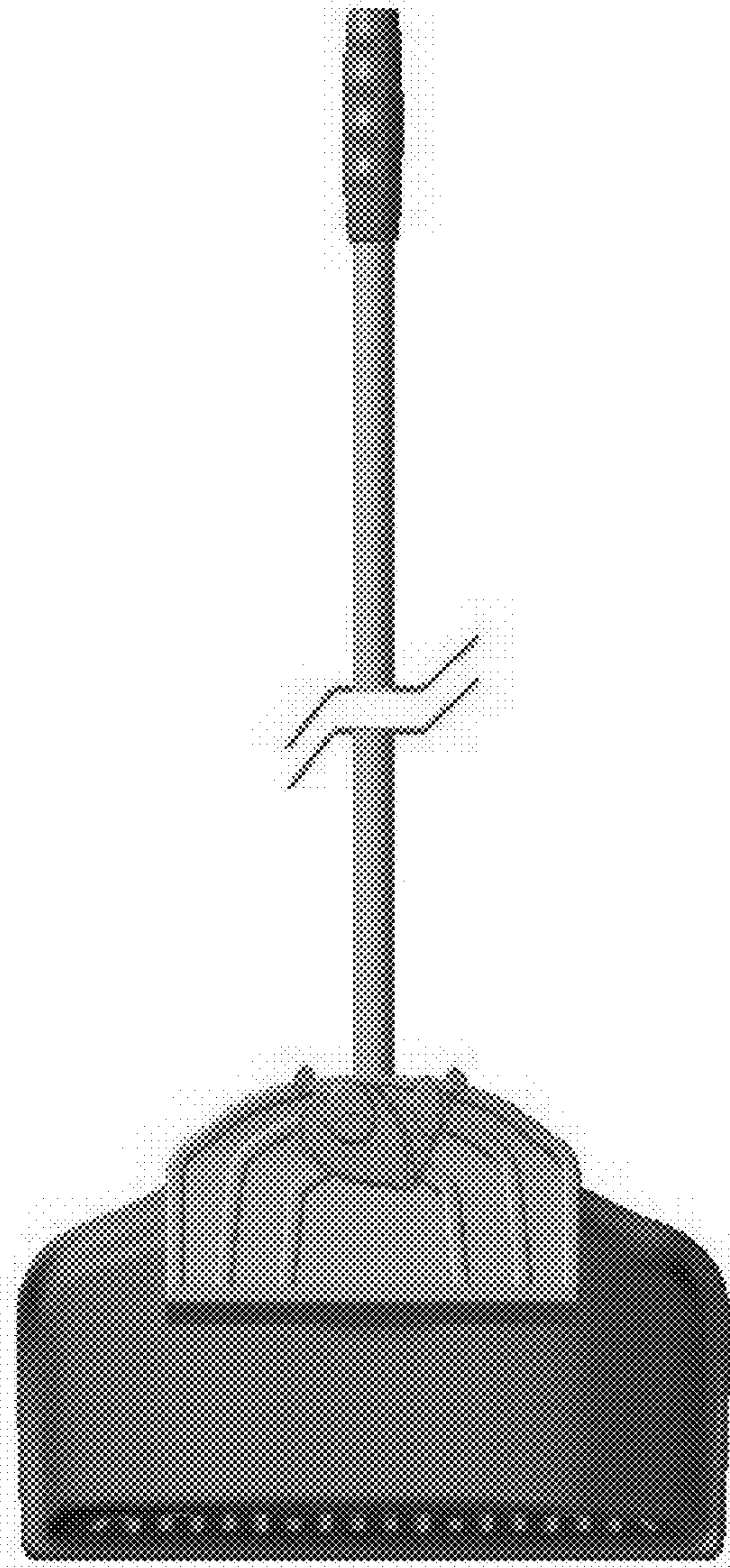


FIGURE 29

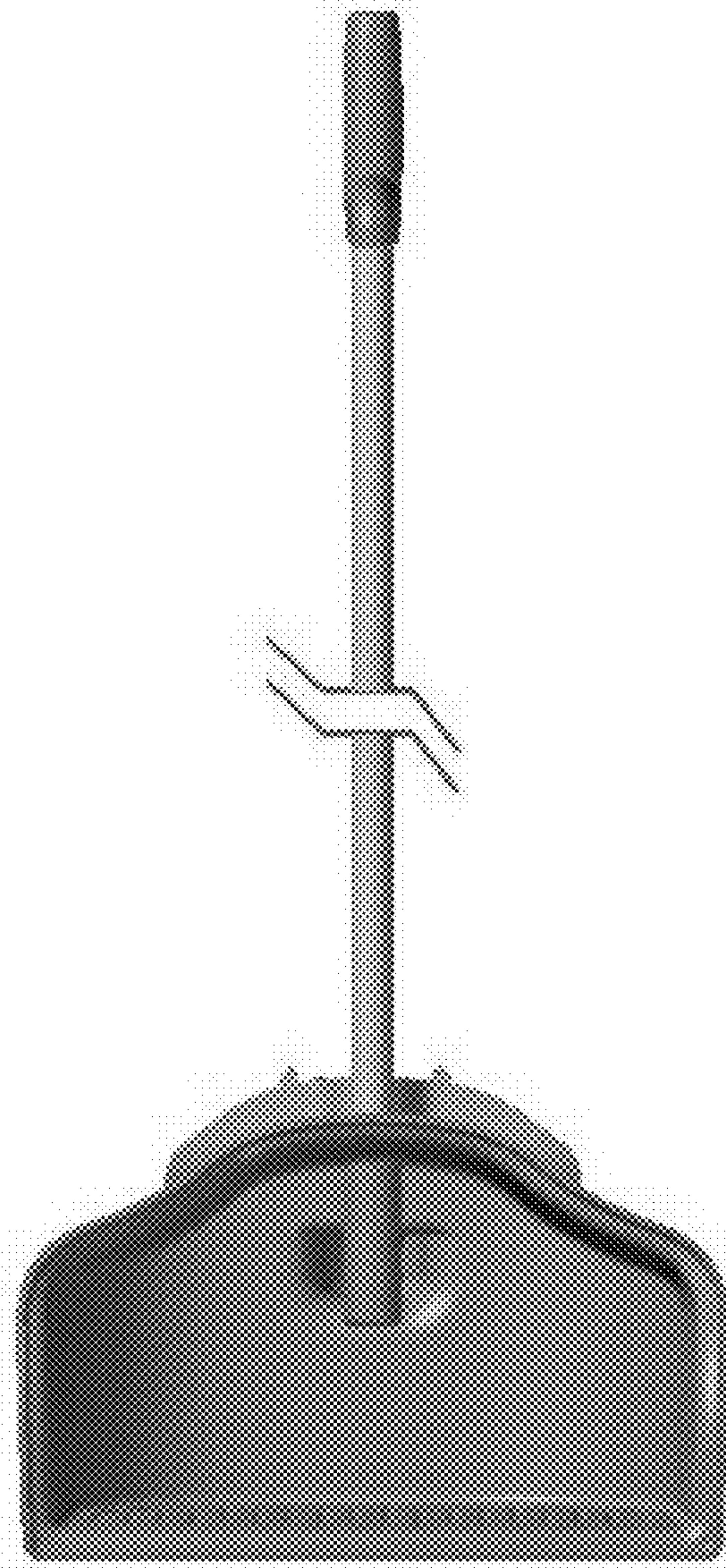


FIGURE 30



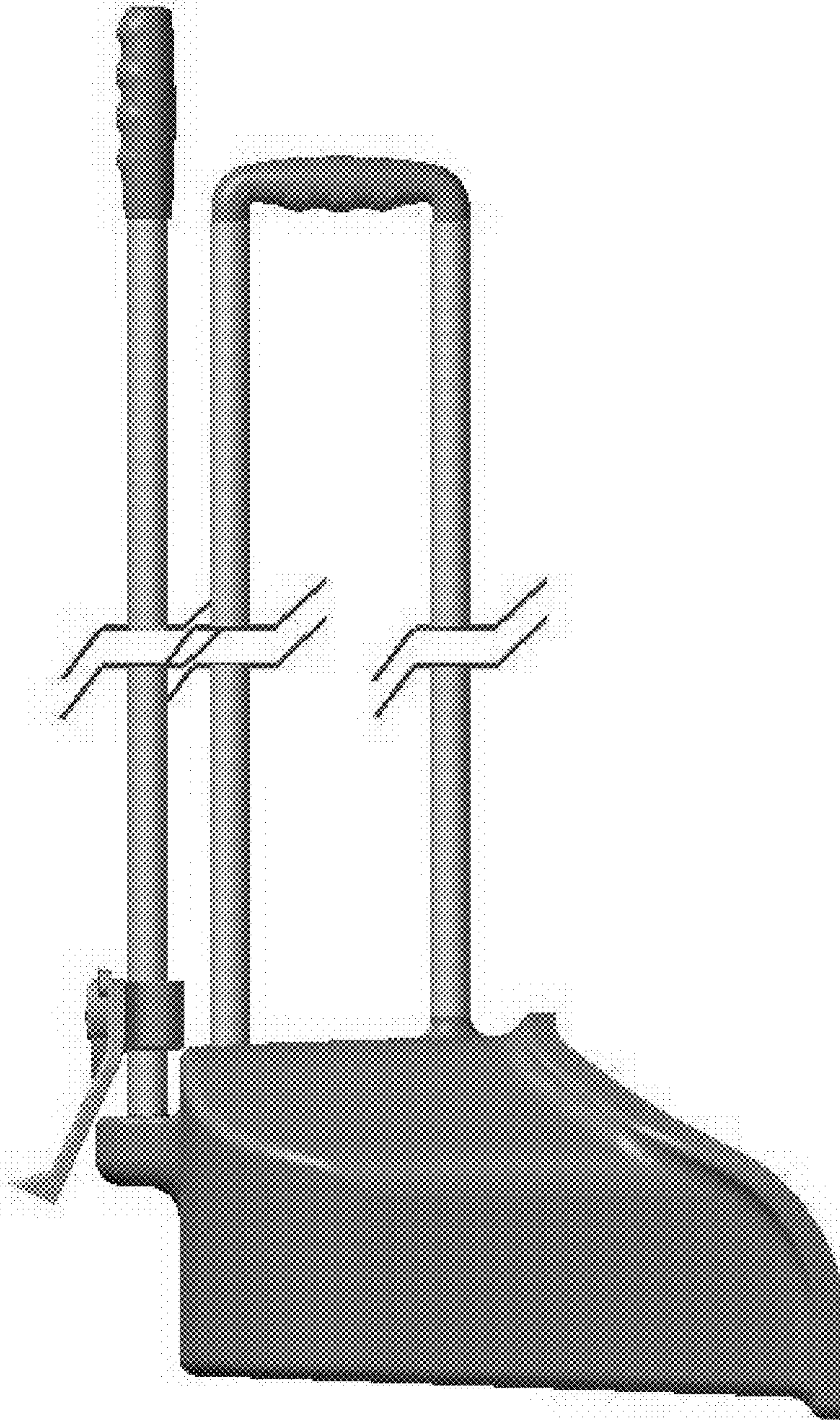


FIGURE 31



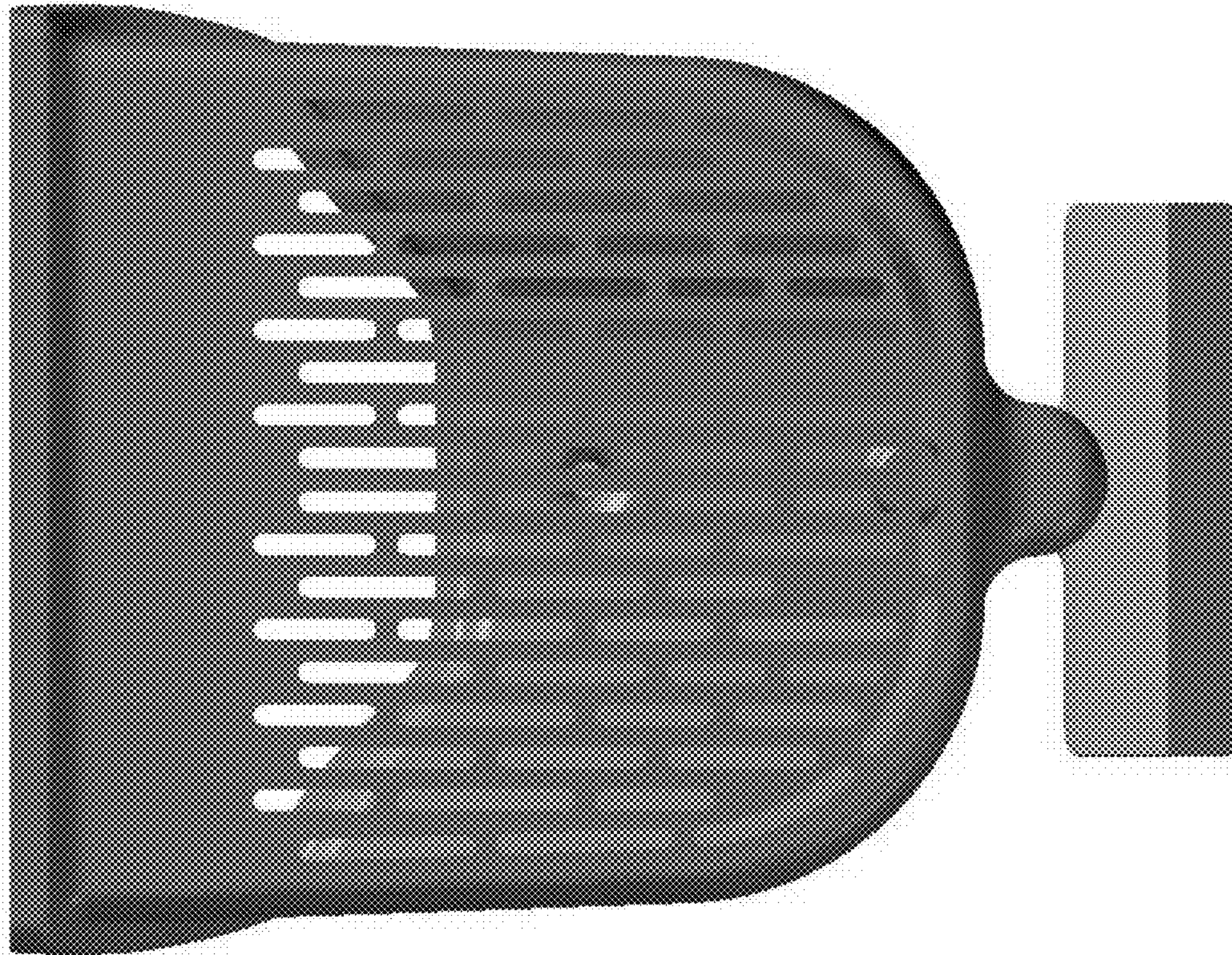


FIGURE 32



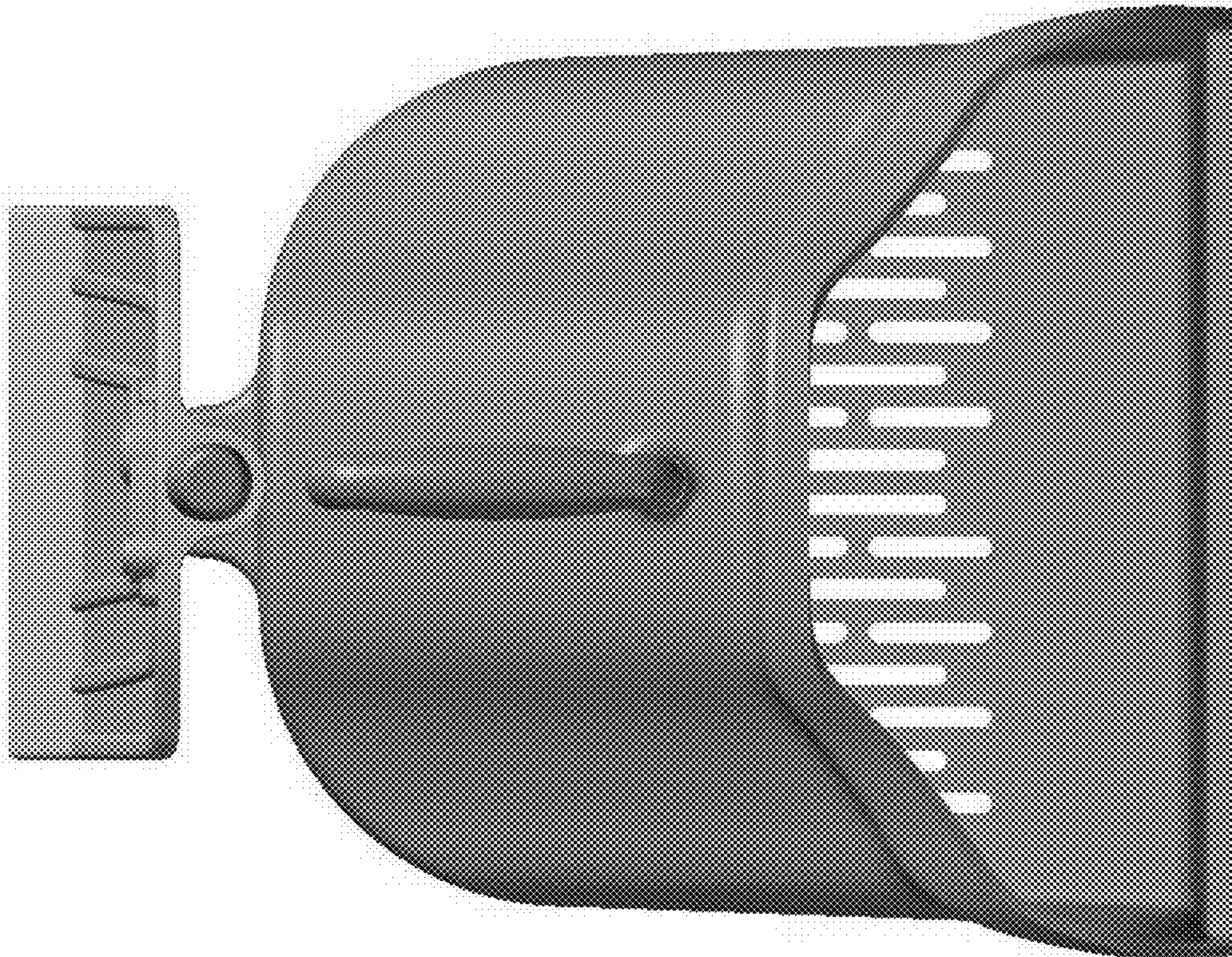


FIGURE 33



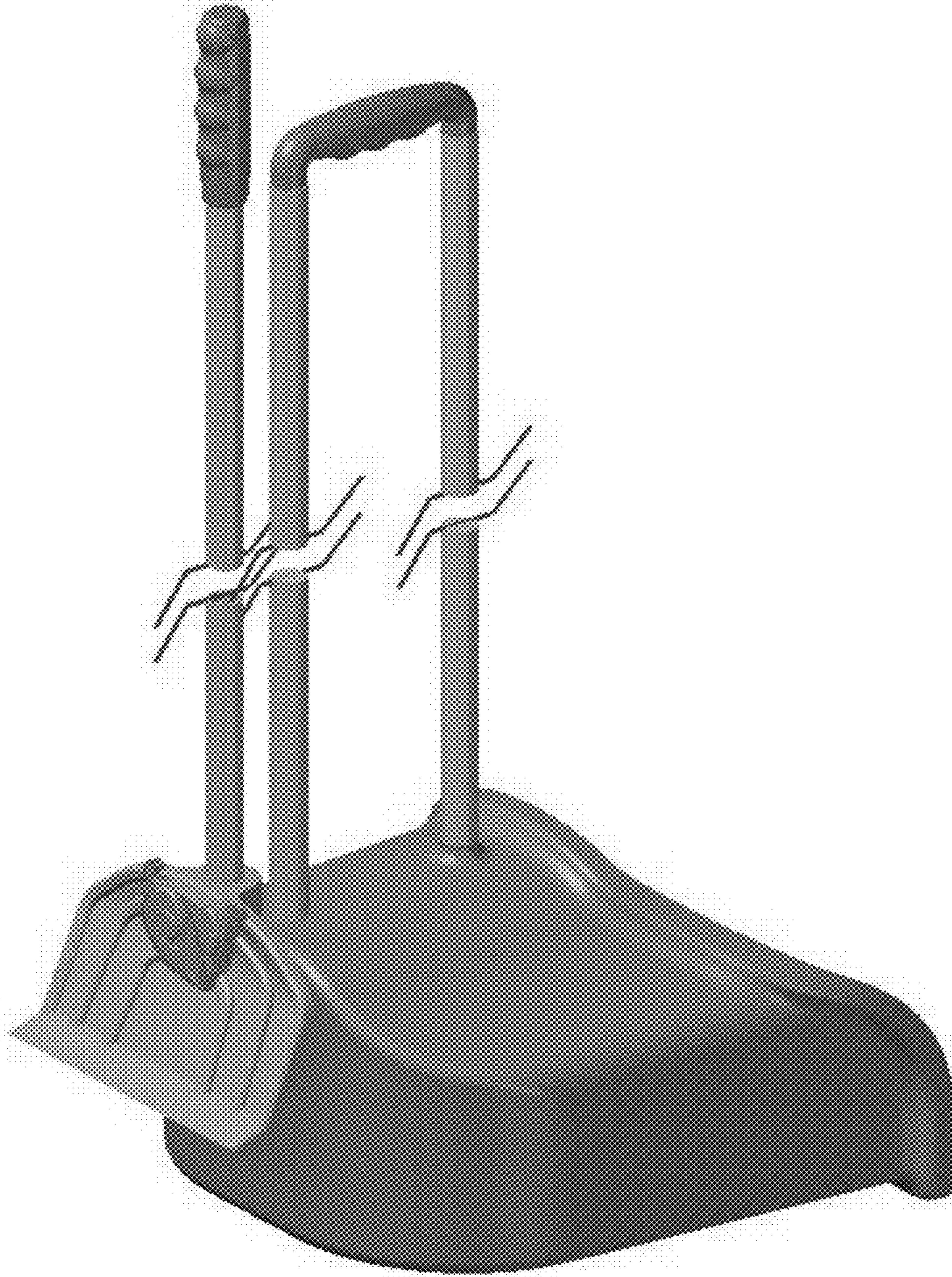


FIGURE 34



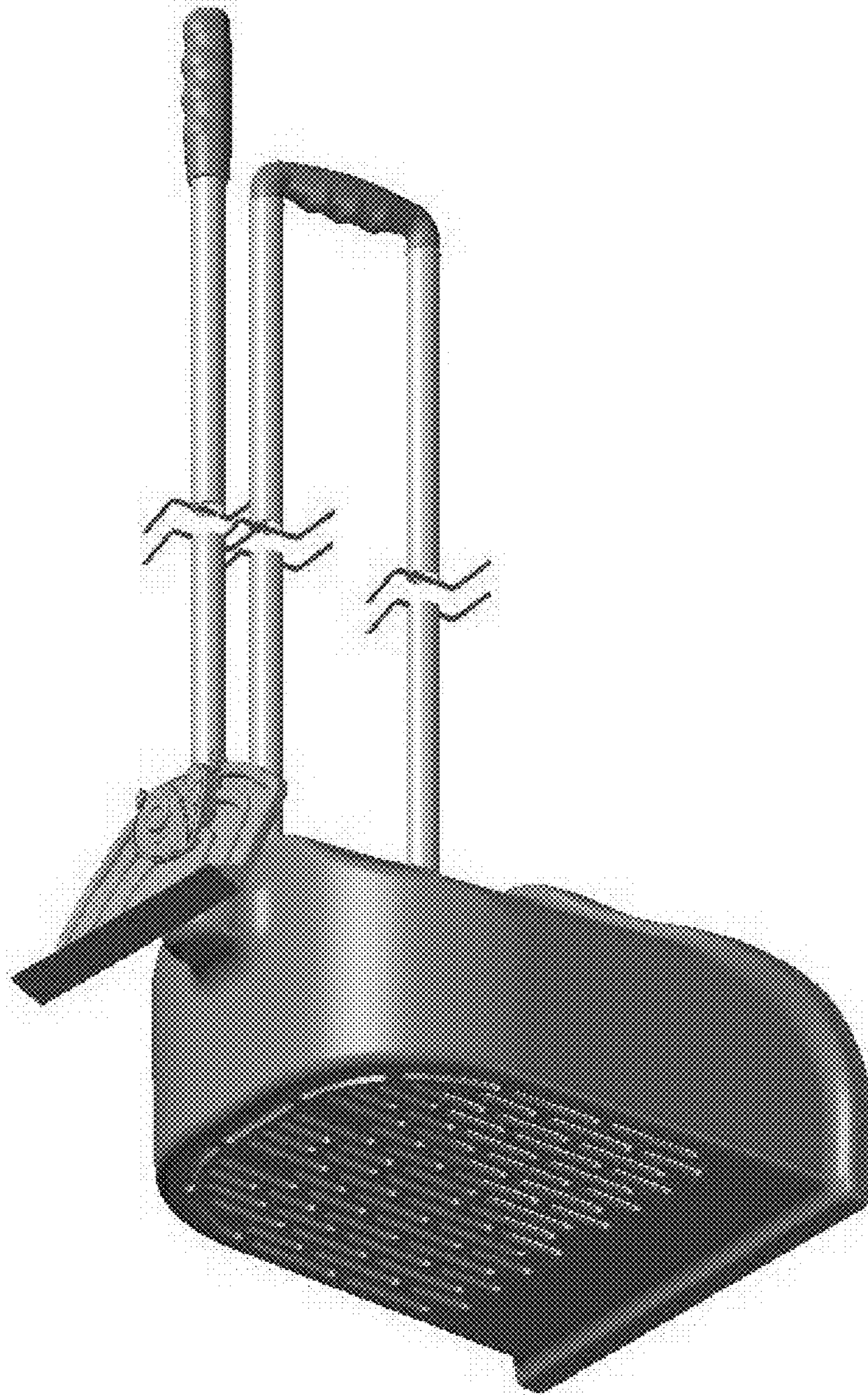


FIGURE 35



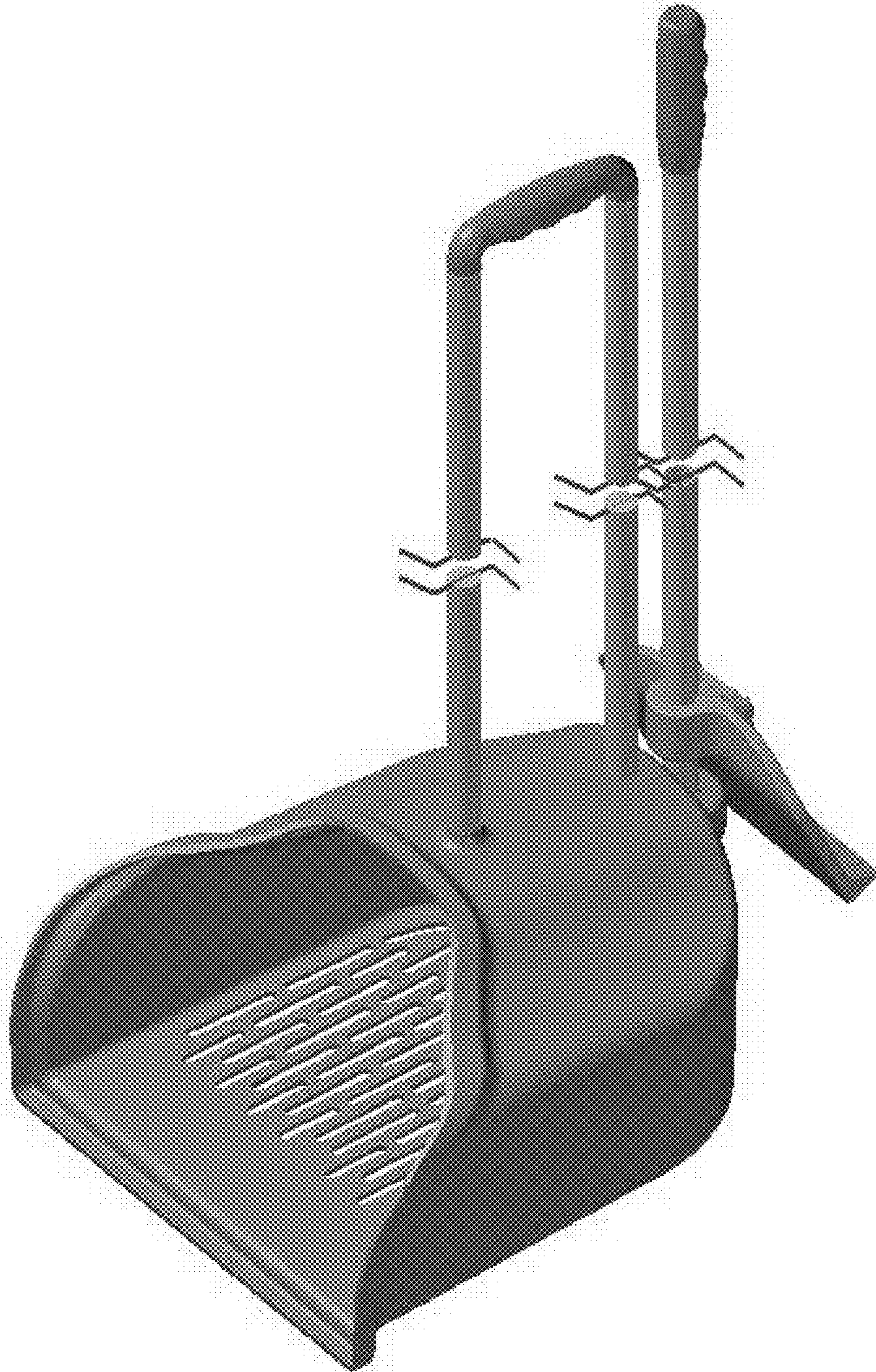


FIGURE 36