



US00D886805S

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

(10) **Patent No.:** **US D886,805 S**  
(45) **Date of Patent:** **\*\* Jun. 9, 2020**

(54) **ANTENNA**

(71) Applicant: **SHENZHEN ANTOP TECHNOLOGY LIMITED**, Shenzhen (CN)

(72) Inventor: **Ruidian Yang**, Shenzhen (CN)

(73) Assignee: **SHENZHEN ANTOP TECHNOLOGY LIMITED**, Shenzhen (CN)

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

(21) Appl. No.: **29/617,823**

(22) Filed: **Sep. 15, 2017**

(51) **LOC (12) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/230**

(58) **Field of Classification Search**  
USPC ..... D14/230–238, 138, 172, 188, 203.1, D14/203.3, 203.6, 204, 216, 221, 238.1,  
(Continued)

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*Assistant Examiner* — Rebekah A Caruso

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(57) **CLAIM**

The ornamental design for an antenna, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of an antenna showing my new design;  
FIG. 2 is a rear elevational view thereof;  
FIG. 3 is a left side elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof, showing the bracket element in an alternate position;  
FIG. 7 is a top, rear, right perspective view thereof, showing the bracket element in the same position as FIG. 5; and  
FIG. 8 is a bottom, rear, right perspective view thereof, showing the bracket element in a second alternate position;  
FIG. 9 is a front elevational view of a second embodiment of an antenna showing my new design;  
FIG. 10 is a rear elevational view thereof;  
FIG. 11 is a left side elevational view thereof;  
FIG. 12 is a right side elevational view thereof;  
FIG. 13 is a top plan view thereof;  
FIG. 14 is a bottom plan view thereof, showing the bracket element in an alternate position;  
FIG. 15 is a bottom, front, right perspective view thereof, showing the bracket element in the same position as FIG. 13;  
FIG. 16 is a bottom, rear, right perspective view thereof, showing the bracket element in a second alternate position; and  
FIG. 17 is a top, front, right perspective view thereof, showing the bracket element in the same position as FIG. 13;  
FIG. 18 is a front elevational view of a third embodiment of an antenna showing my new design;  
FIG. 19 is a rear elevational view thereof;  
FIG. 20 is a left side elevational view thereof;  
FIG. 21 is a right side elevational view thereof;  
FIG. 22 is a top plan view thereof;  
FIG. 23 is a bottom plan view thereof, showing the bracket element in an alternate position;

(Continued)

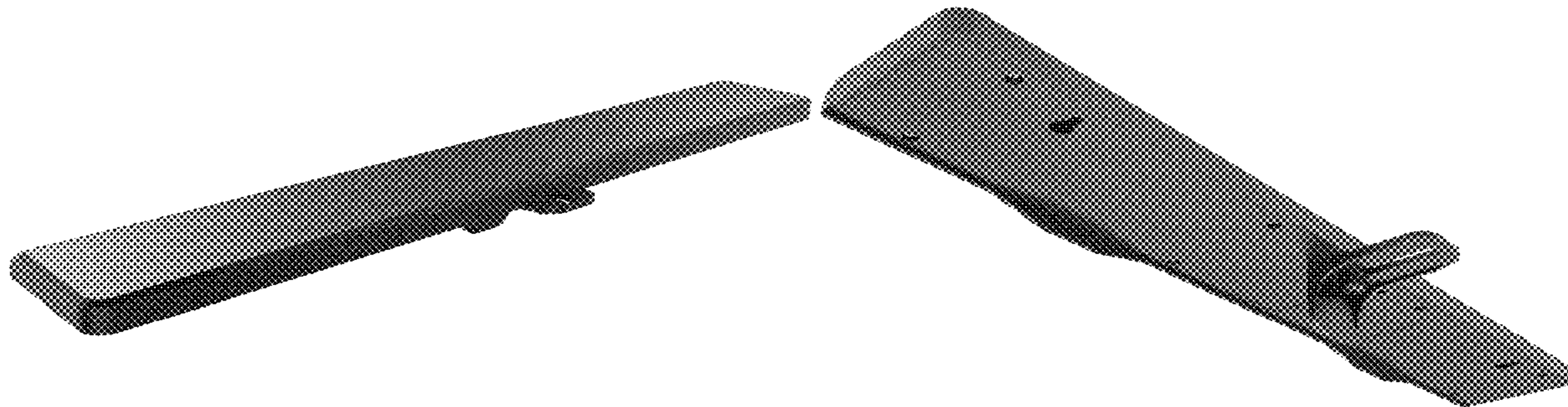


FIG. 24 is a top, front, right perspective view thereof, showing the bracket element in the same position as FIG. 22; and  
 FIG. 25 is a bottom, rear, right perspective view thereof, showing the bracket element in a second alternate position;  
 FIG. 26 is a front elevational view of a fourth embodiment of an antenna showing my new design;  
 FIG. 27 is a rear elevational view thereof;  
 FIG. 28 is a left side elevational view thereof;  
 FIG. 29 is a right side elevational view thereof;  
 FIG. 30 is a top plan view thereof;  
 FIG. 31 is a bottom plan view thereof;  
 FIG. 32 is a top, front, right perspective view thereof;  
 FIG. 33 is a bottom, rear, right perspective view thereof;  
 FIG. 34 is a top, rear, right perspective view thereof; and  
 FIG. 35 is a bottom, front, right perspective view thereof;  
 FIG. 36 is a front elevational view of a fifth embodiment of an antenna showing my new design;  
 FIG. 37 is a rear elevational view thereof;  
 FIG. 38 is a left side elevational view thereof;  
 FIG. 39 is a right side elevational view thereof;  
 FIG. 40 is a top plan view thereof;  
 FIG. 41 is a bottom plan view thereof;  
 FIG. 42 is a bottom, rear, right perspective view thereof;  
 FIG. 43 is a top, front, right perspective view thereof;  
 FIG. 44 is a top, rear, right perspective view thereof; and  
 FIG. 45 is a bottom, front, left perspective view thereof;  
 FIG. 46 is a front elevational view of a sixth embodiment of an antenna showing my new design;  
 FIG. 47 is a rear elevational view thereof;  
 FIG. 48 is a left side elevational view thereof;  
 FIG. 49 is a right side elevational view thereof;  
 FIG. 50 is a top plan view thereof;  
 FIG. 51 is a bottom plan view thereof;  
 FIG. 52 is a top, front, right perspective view thereof;  
 FIG. 53 is a bottom, rear, right perspective view thereof;

FIG. 54 is a top, rear, right perspective view thereof; and  
 FIG. 55 is a bottom, front, right perspective view thereof.

**1 Claim, 55 Drawing Sheets**

(58) **Field of Classification Search**

USPC ..... D14/240, 242, 299, 314, 343, 356, 358,  
 D14/496, 509, 497, 498, 500, 506,  
 D14/168-171, 195, 211, 265, 214  
 CPC ..... H01Q 1/12; H01Q 1/22; H01Q 1/007;  
 H01Q 1/38; H01Q 7/00; H01Q 9/40;  
 H01Q 9/285; H01Q 9/065; H01Q 9/44;  
 H01Q 9/265; H01Q 19/10; H01Q 19/106;  
 H01Q 19/12; H01Q 19/13; H01Q 19/15;  
 H01Q 19/30; H01Q 21/28; H01Q 21/06;  
 H01Q 21/062; H01Q 21/293; G05D 1/02;  
 G05D 1/0234

See application file for complete search history.

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2001/0022559	A1 *	9/2001	Takahashi .....	H01Q 1/3291 343/724

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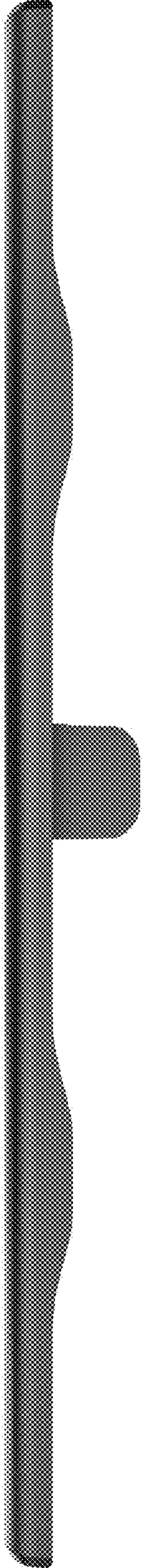


FIG. 1

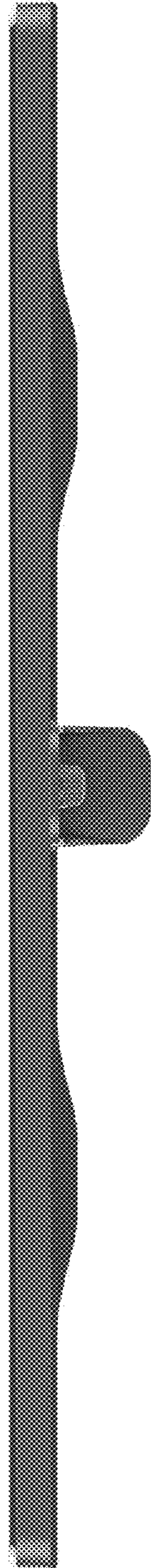


FIG. 2

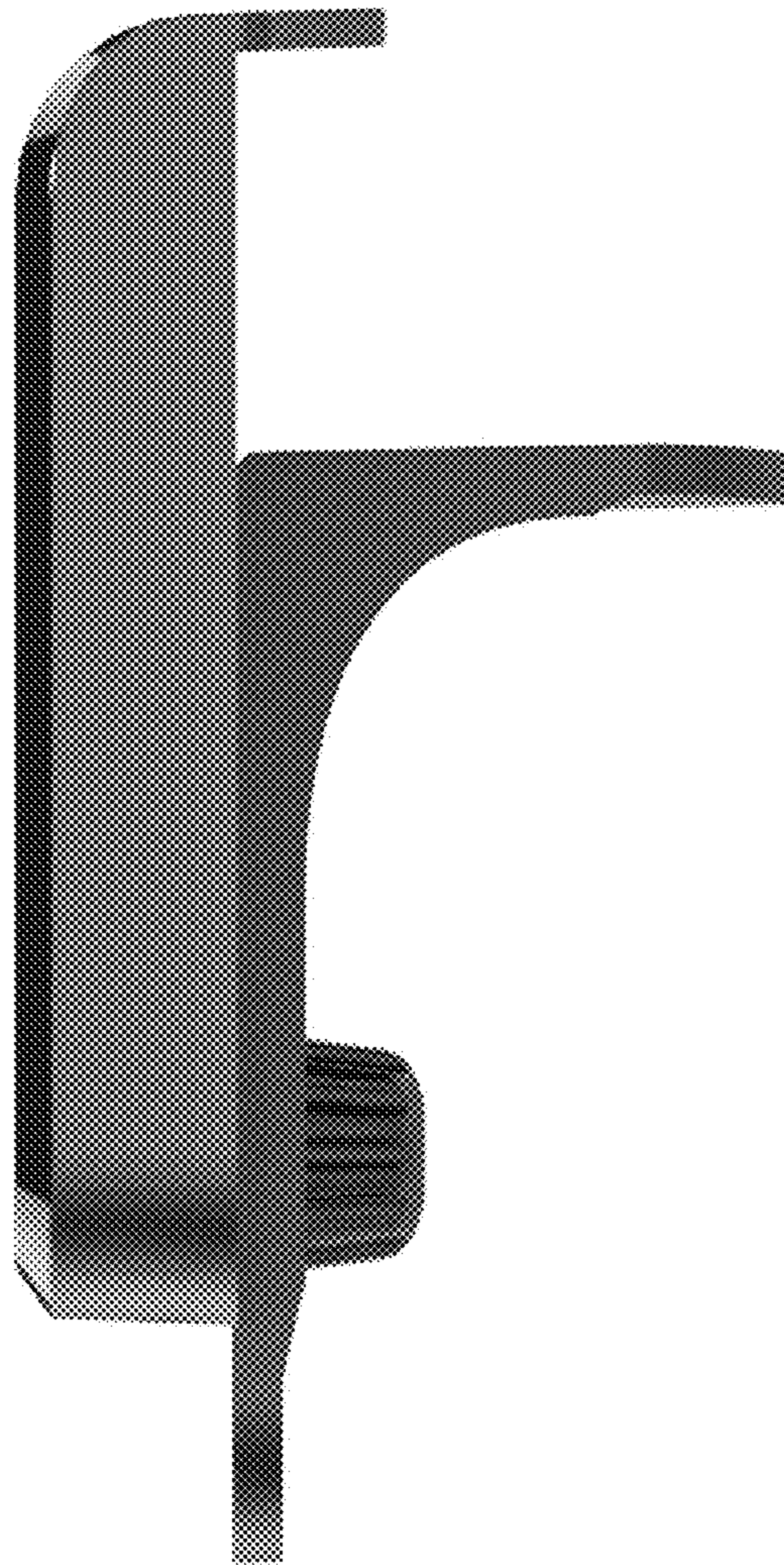


FIG. 3

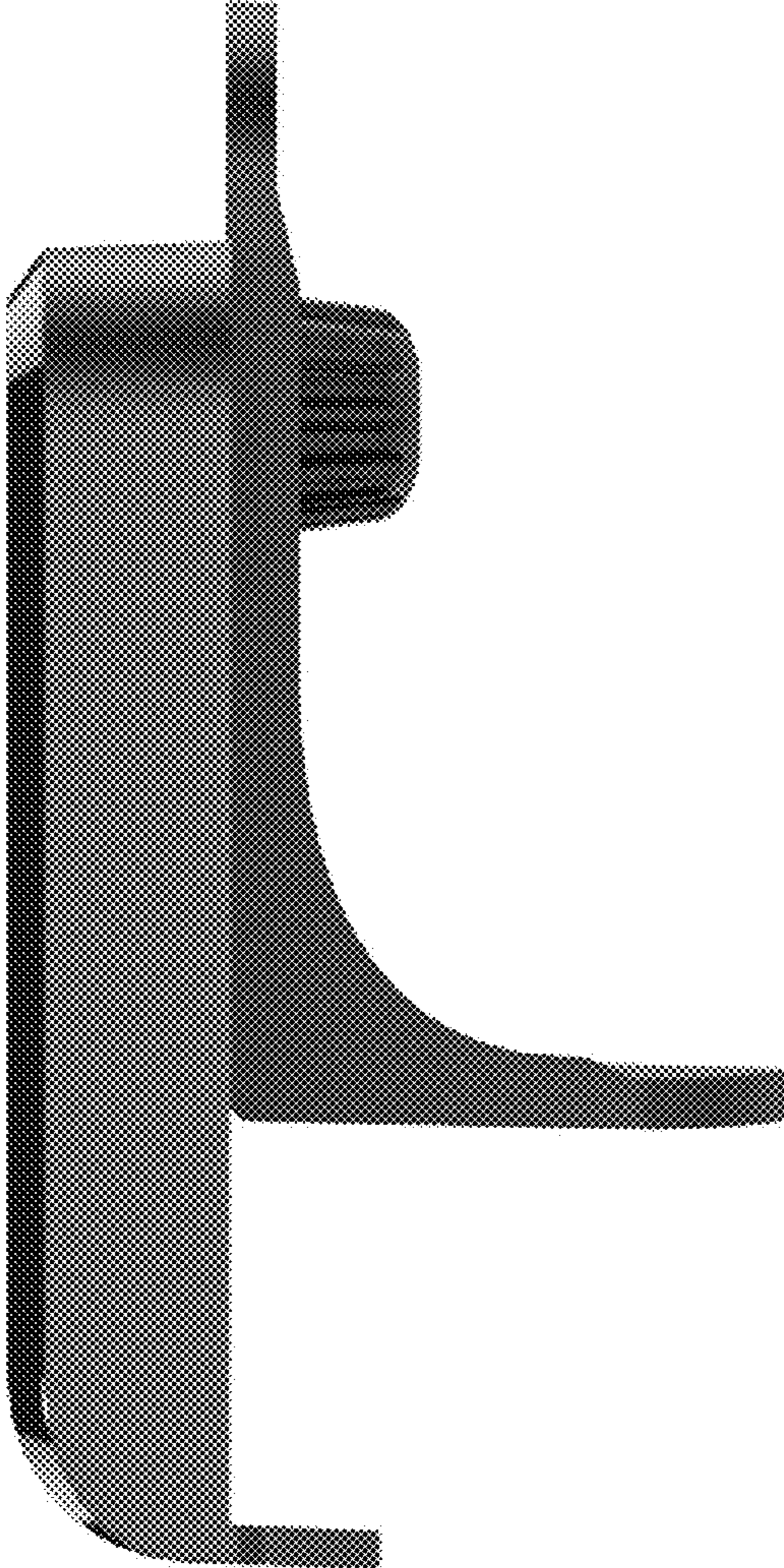


FIG. 4

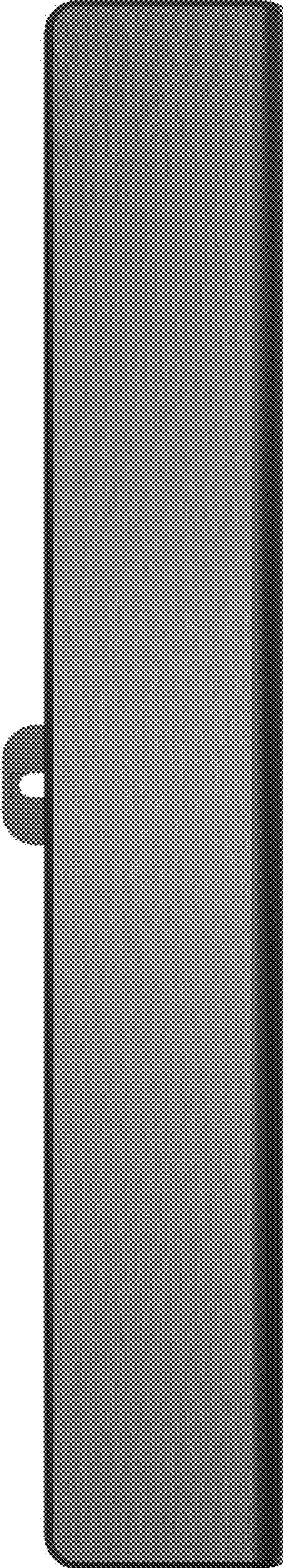


FIG. 5

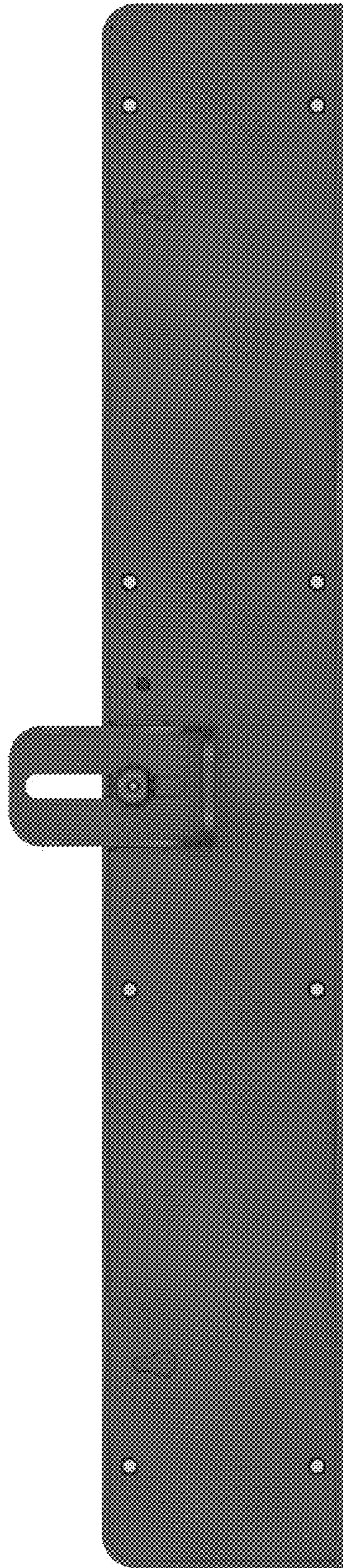


FIG. 6



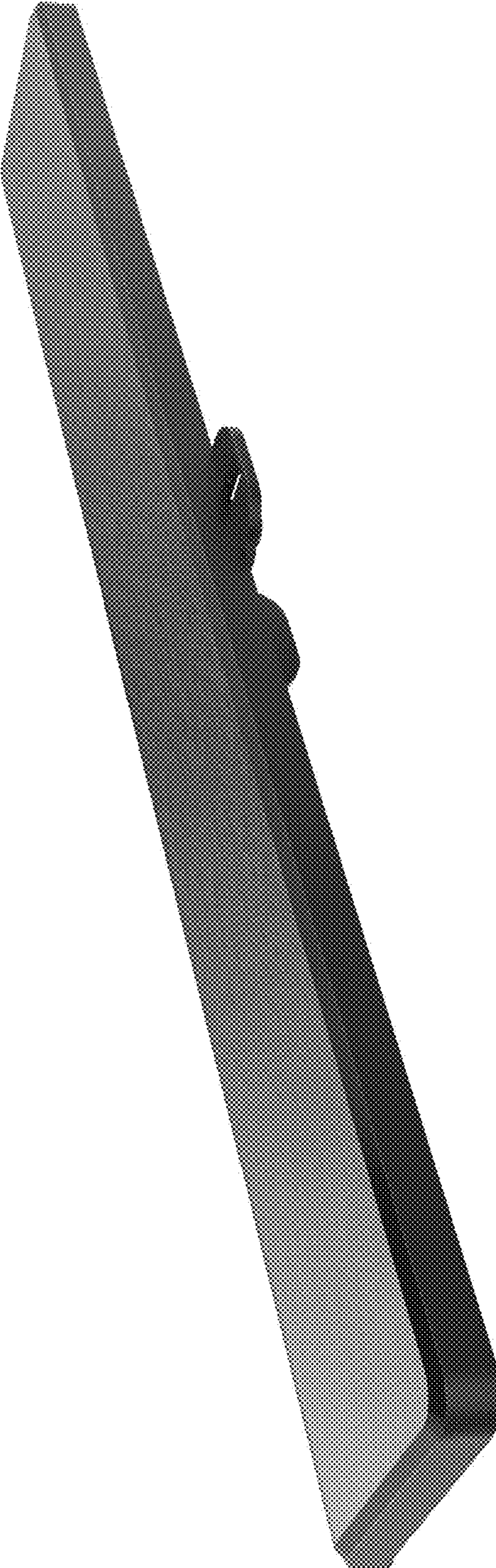


FIG. 7



FIG. 8

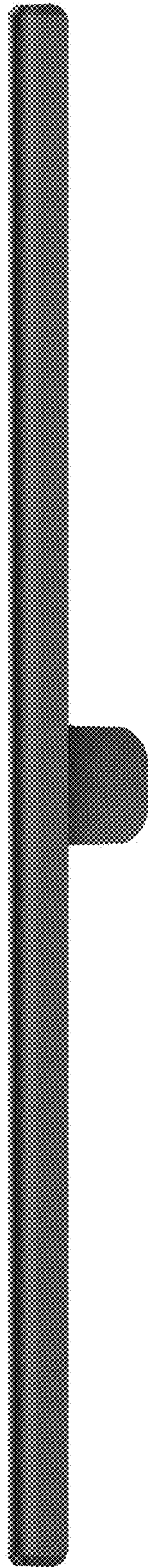


FIG. 9

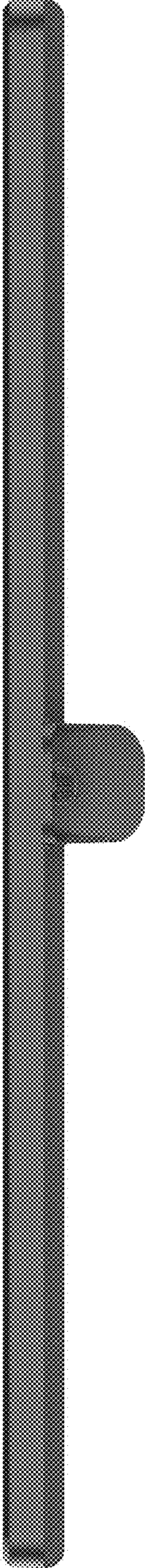


FIG. 10

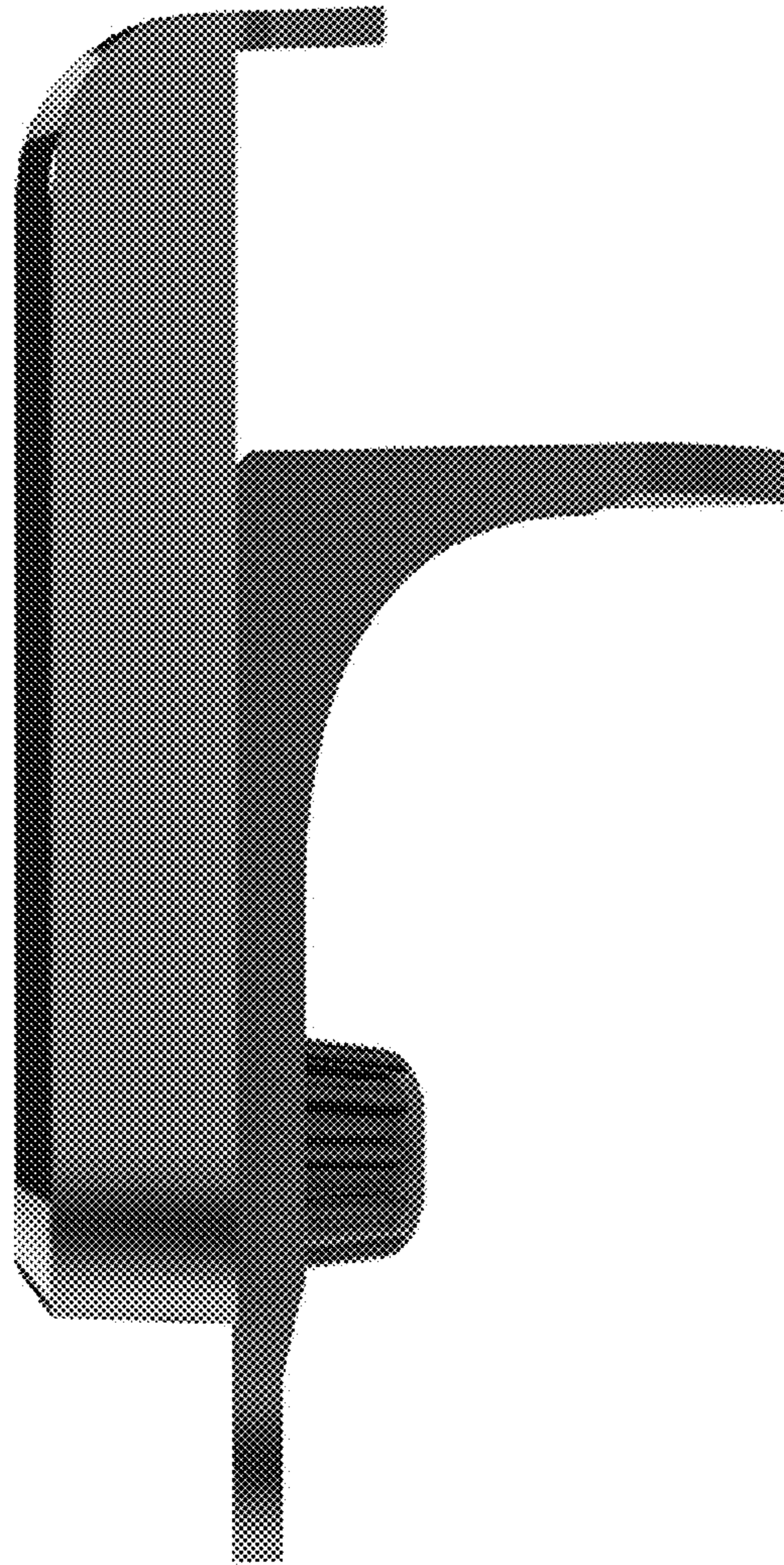


FIG. 11

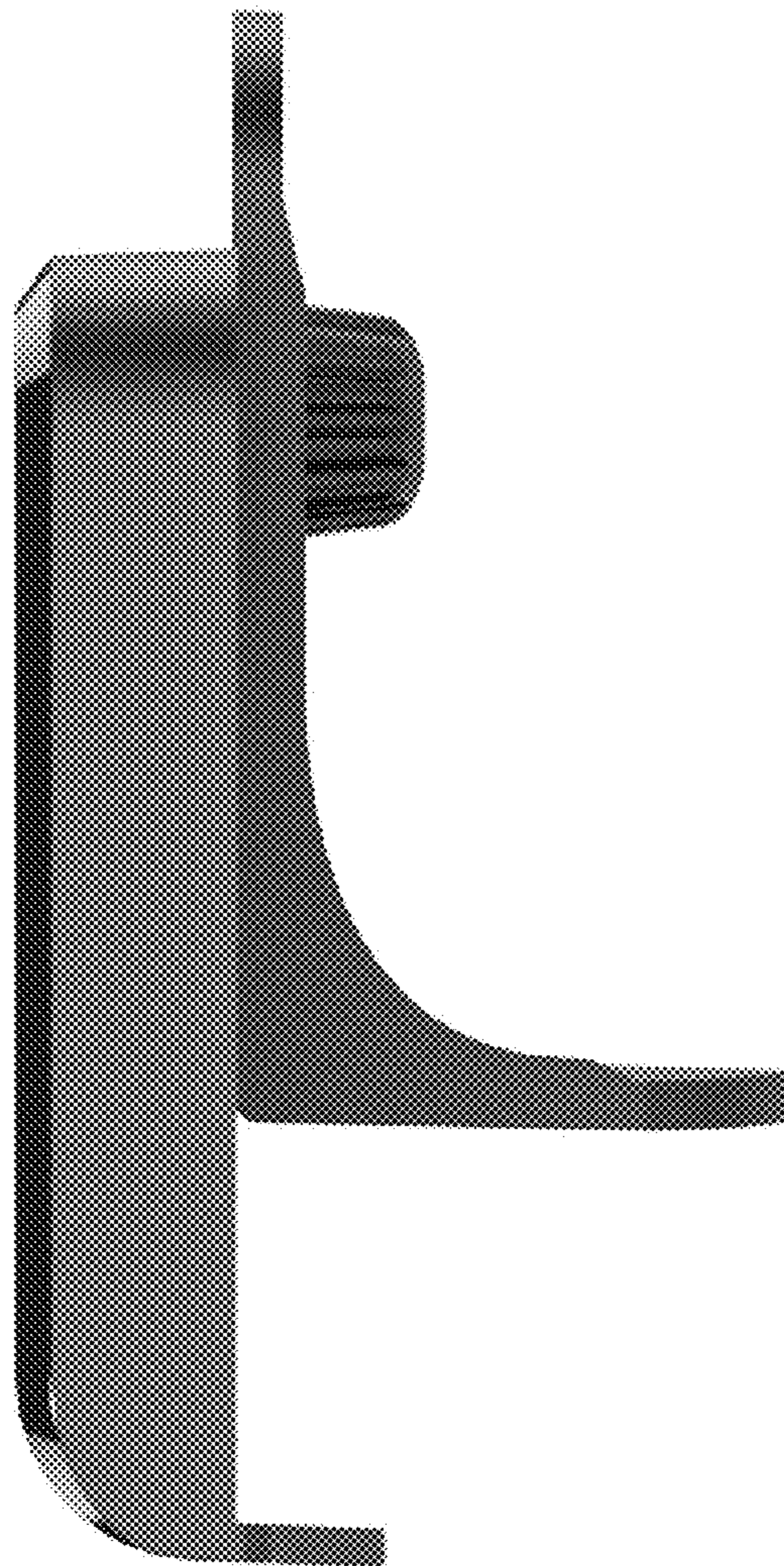


FIG. 12

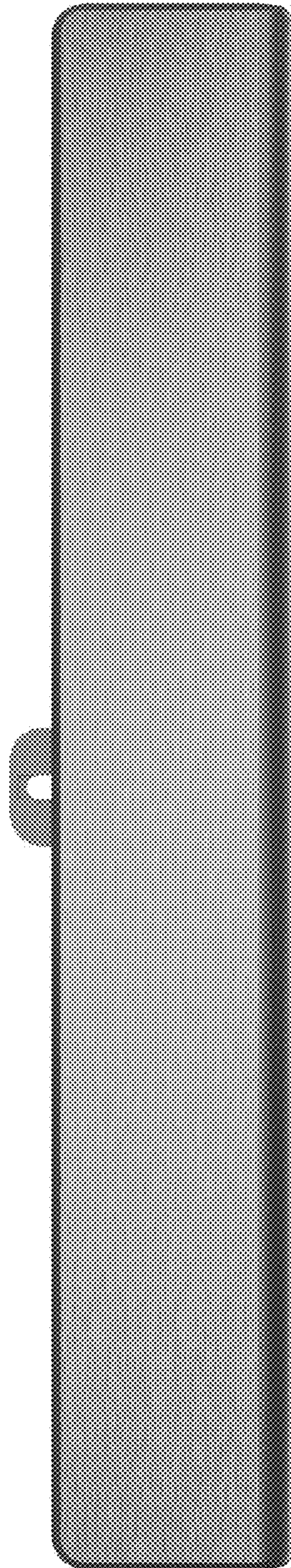


FIG. 13

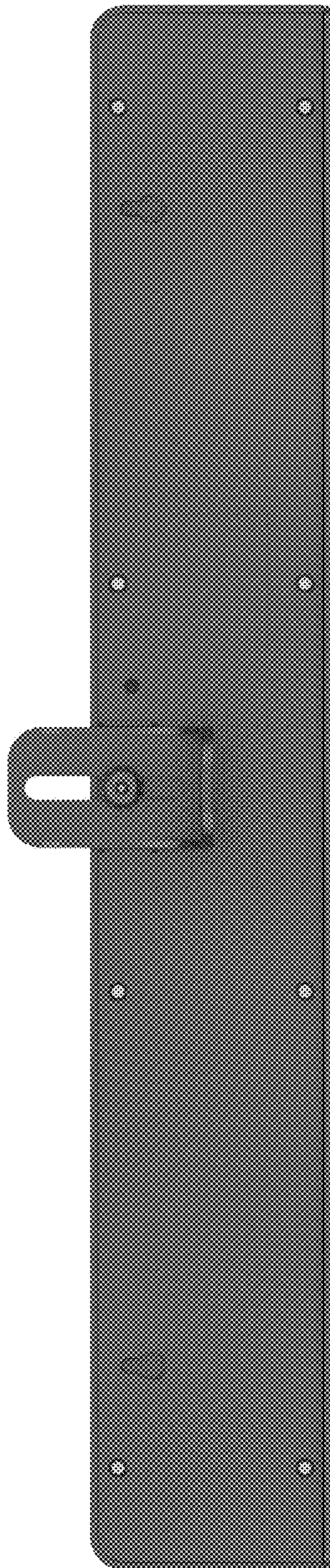


FIG. 14



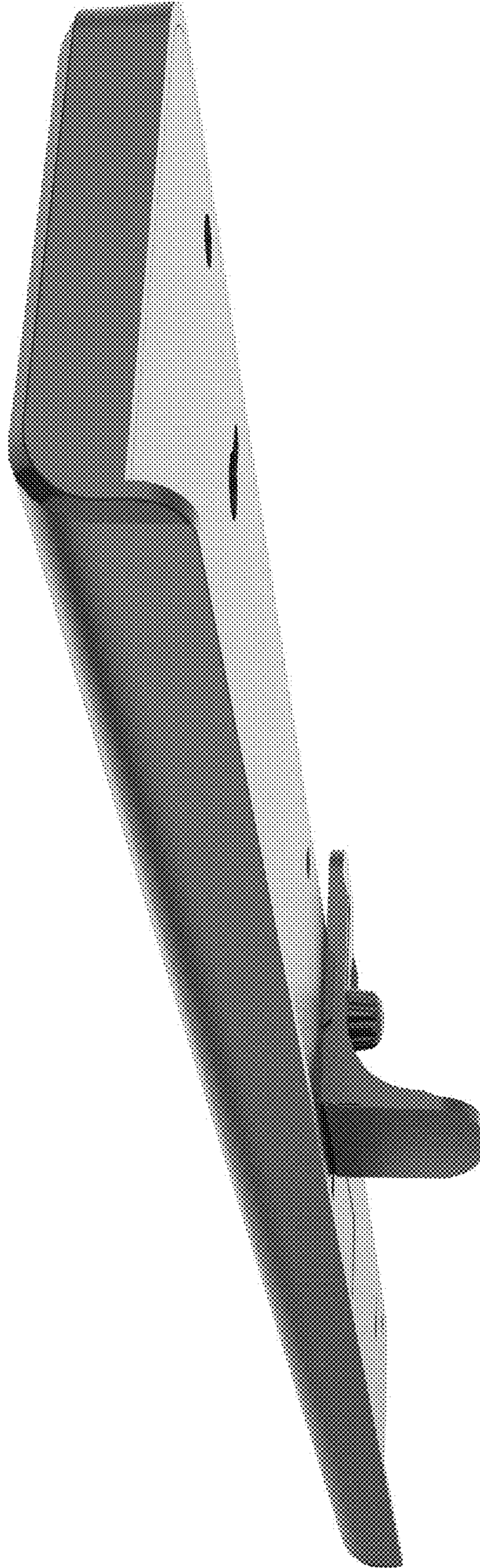


FIG. 15



FIG. 16

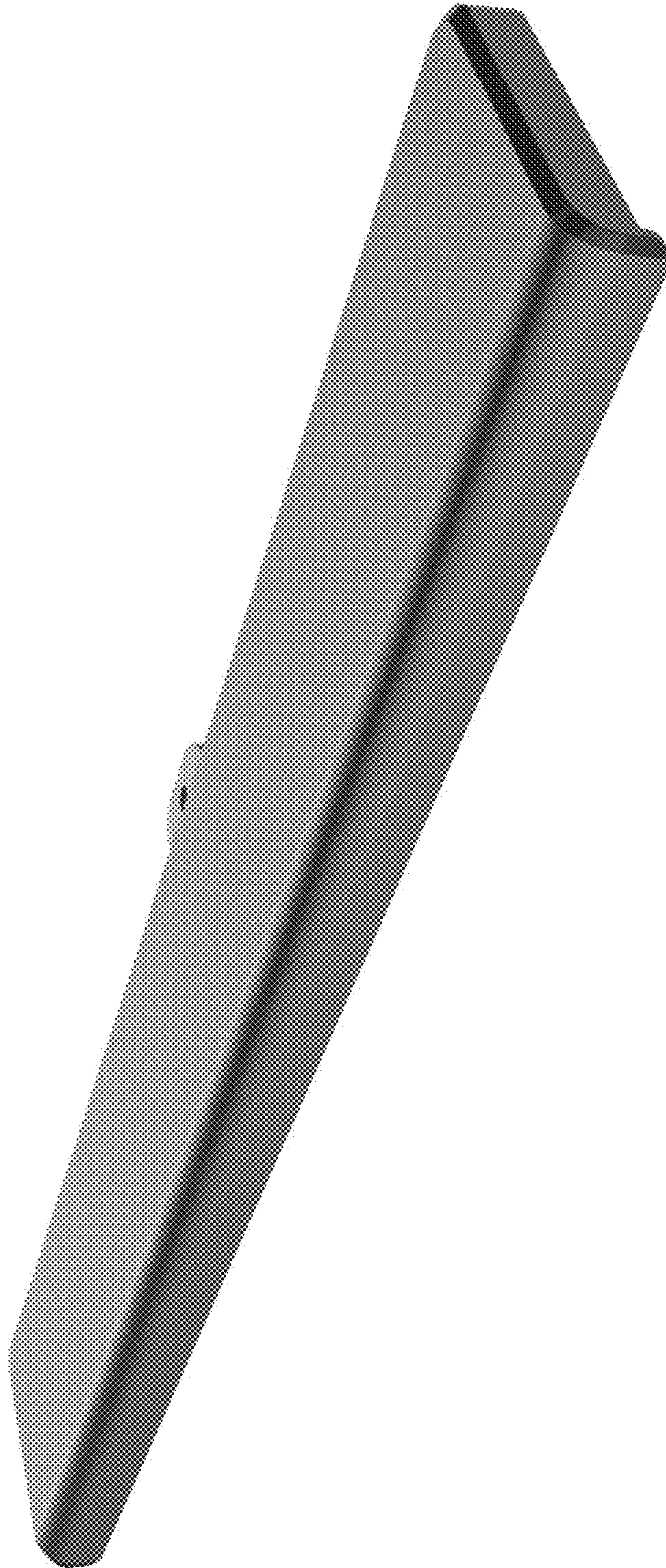


FIG. 17

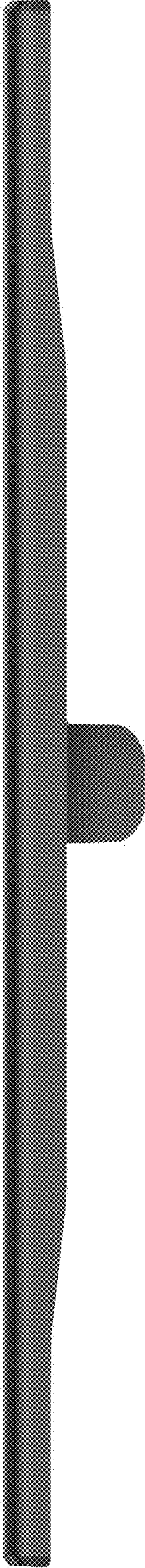


FIG. 18

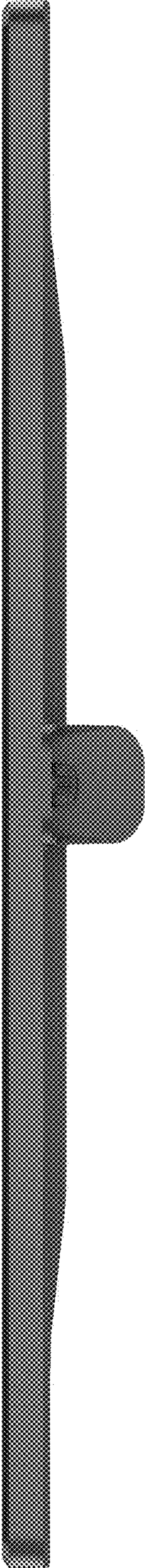


FIG. 19

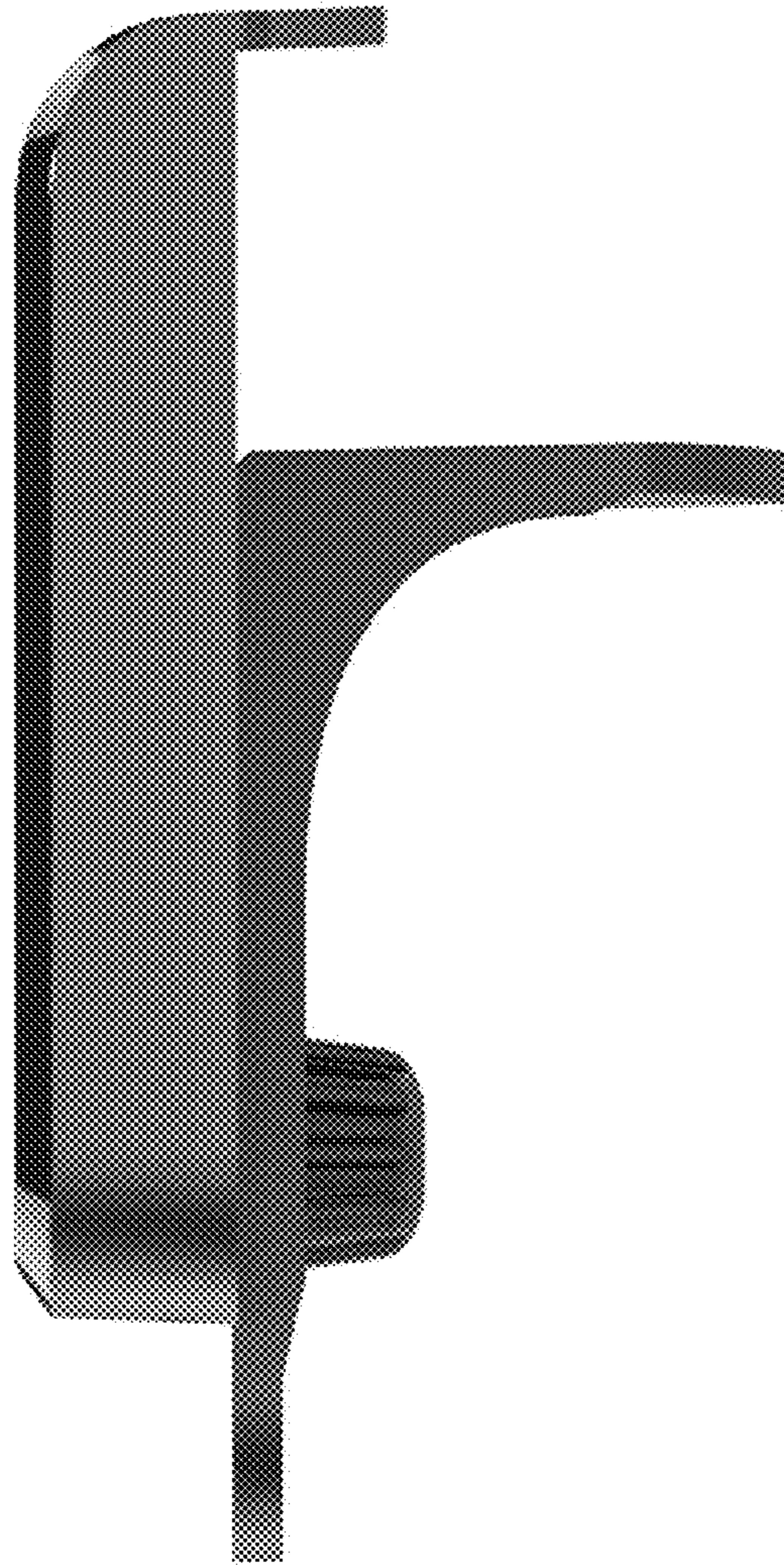


FIG. 20

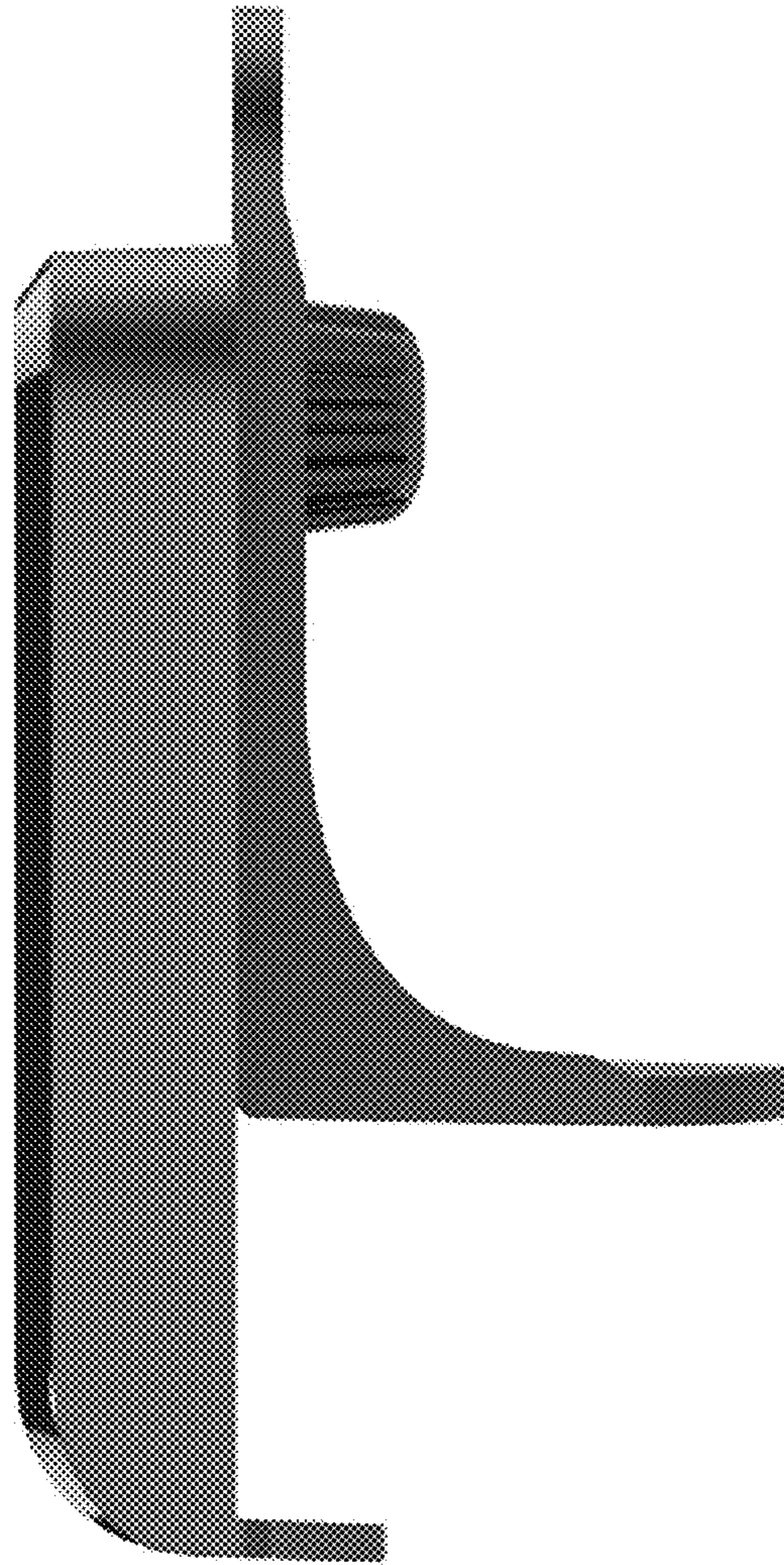


FIG. 21

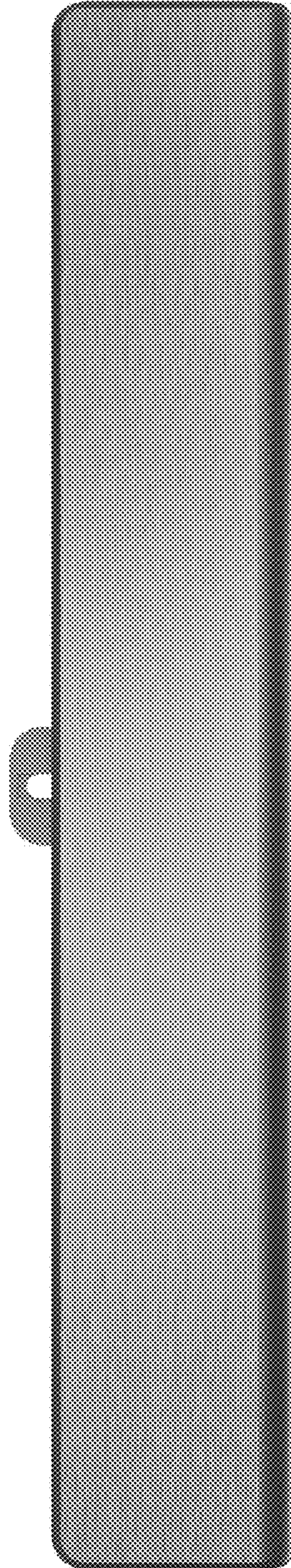


FIG. 22



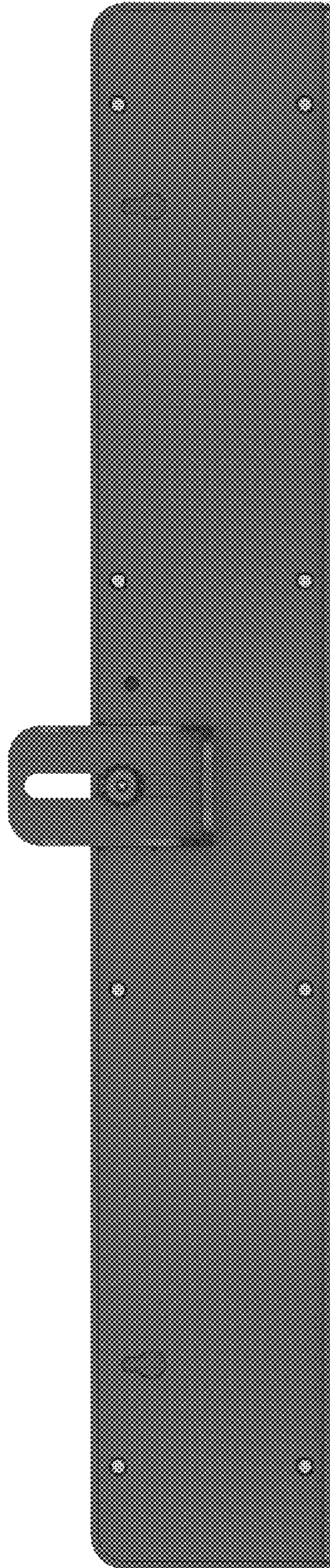


FIG. 23

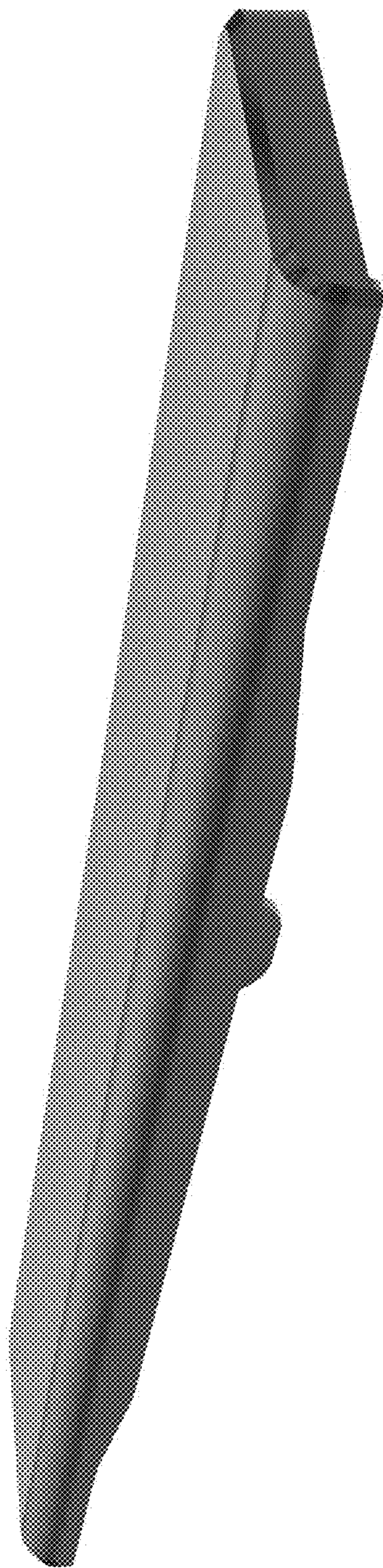


FIG. 24



FIG. 25

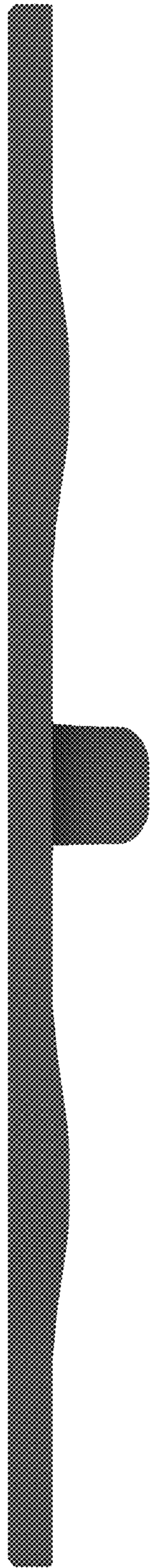


FIG. 26

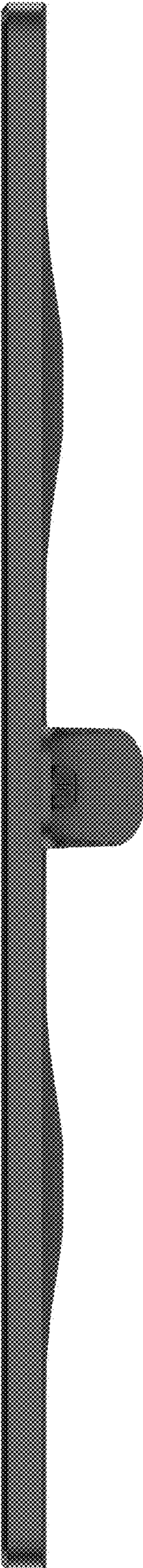


FIG. 27

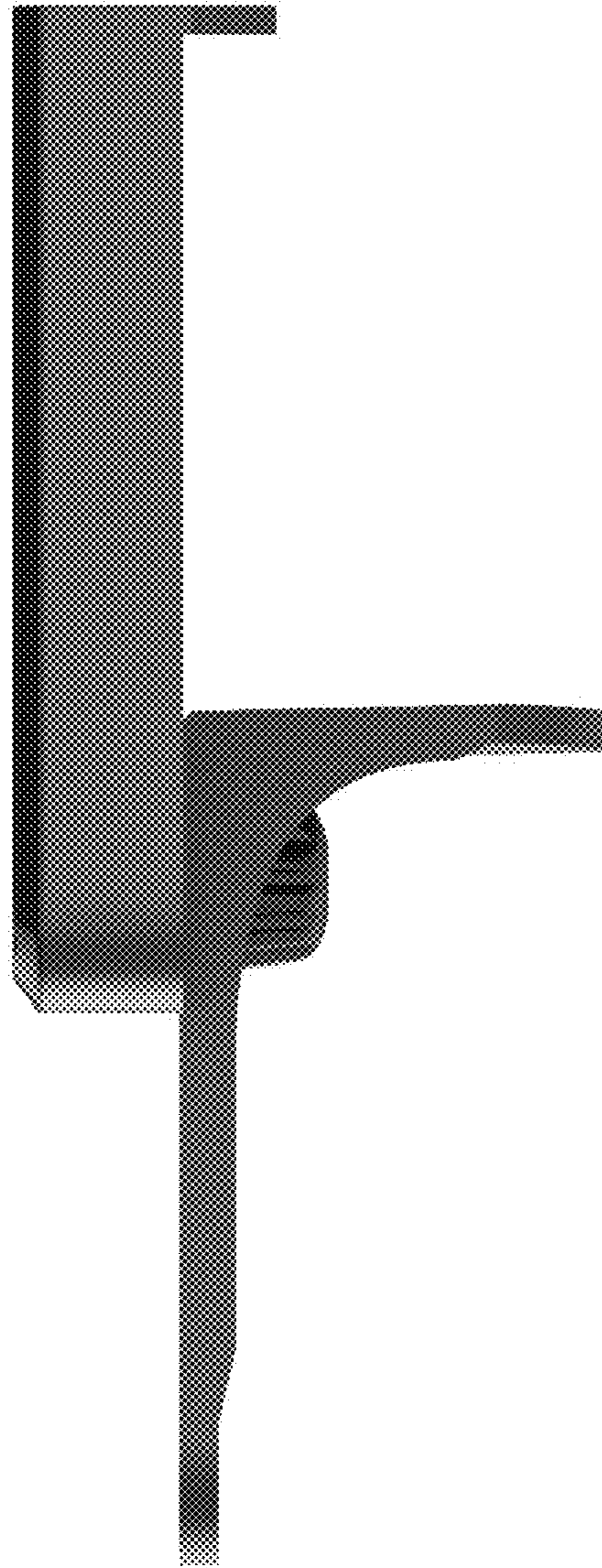


FIG. 28

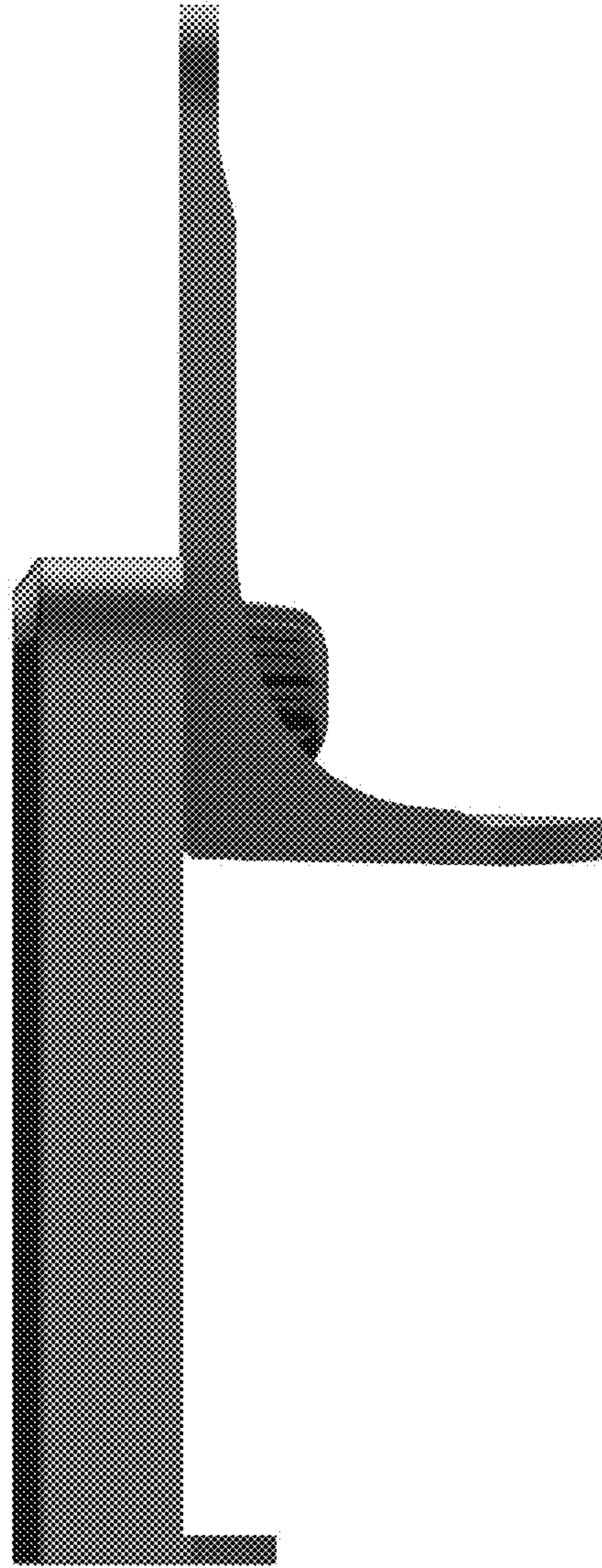


FIG. 29

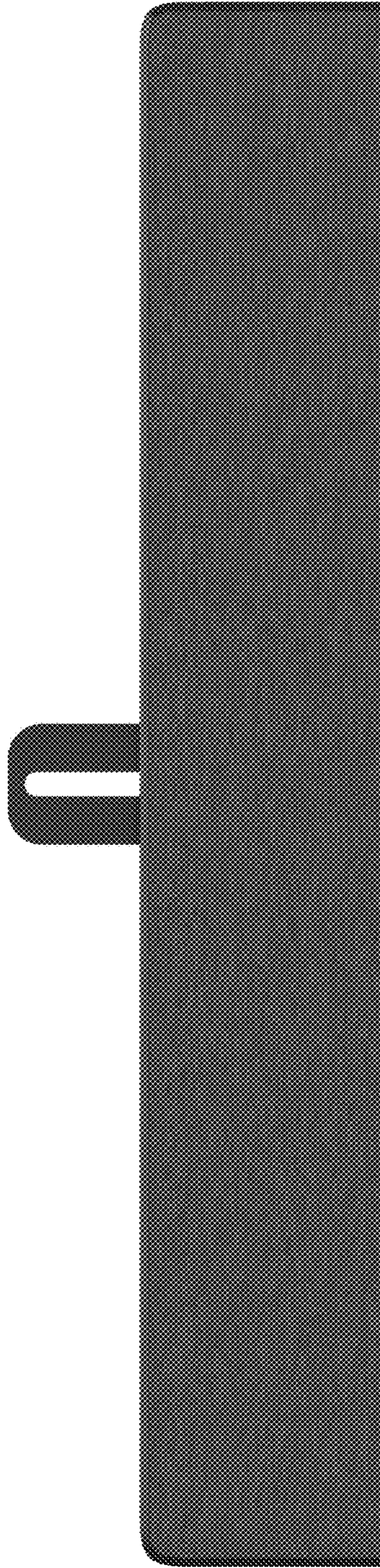


FIG. 30



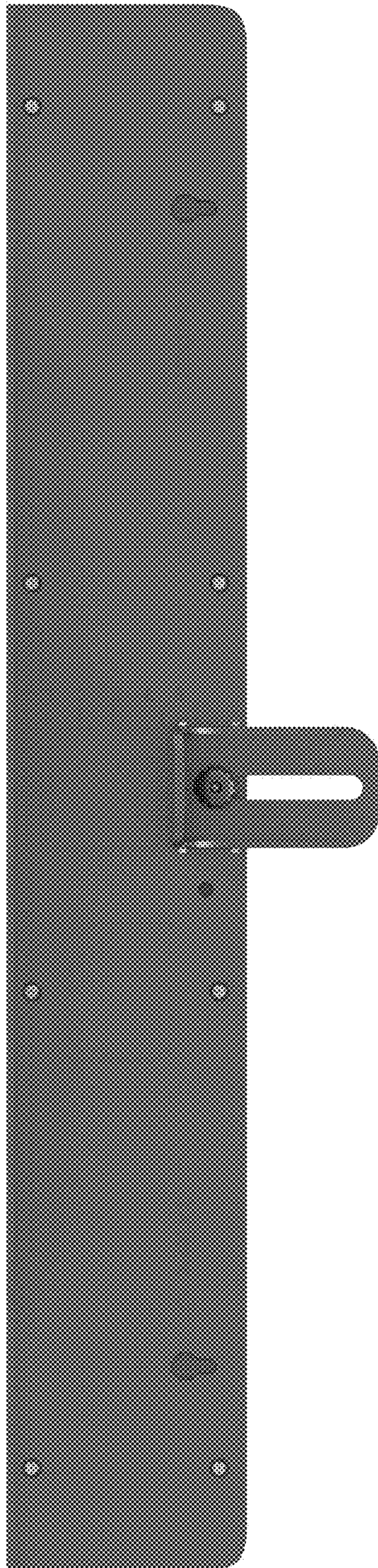


FIG. 31

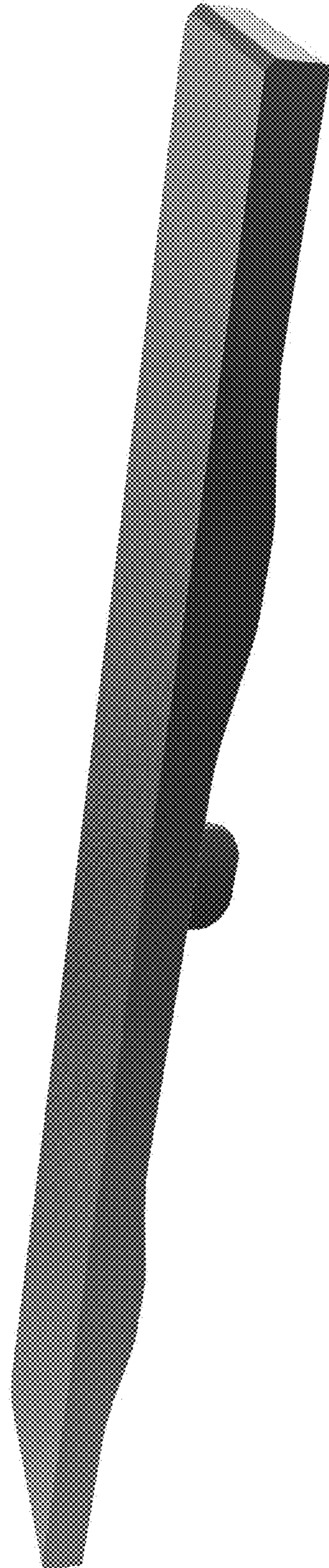


FIG. 32

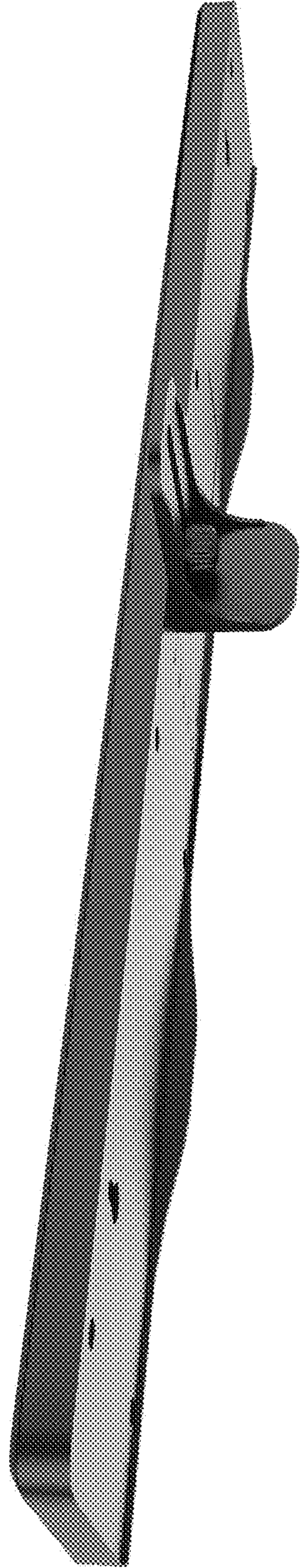


FIG. 33

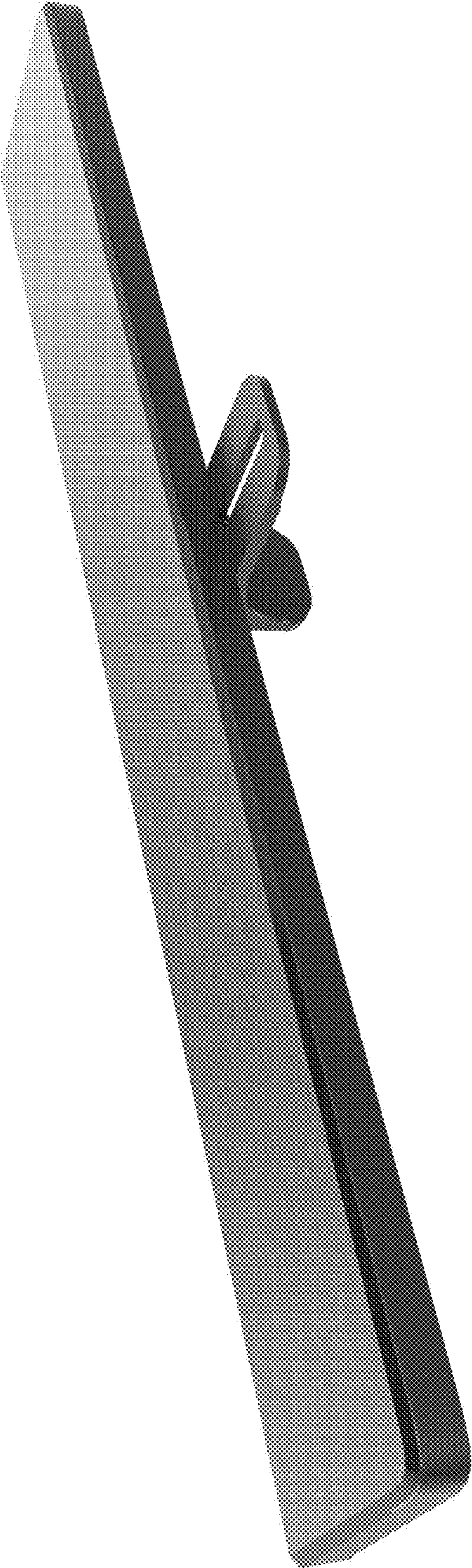


FIG. 34

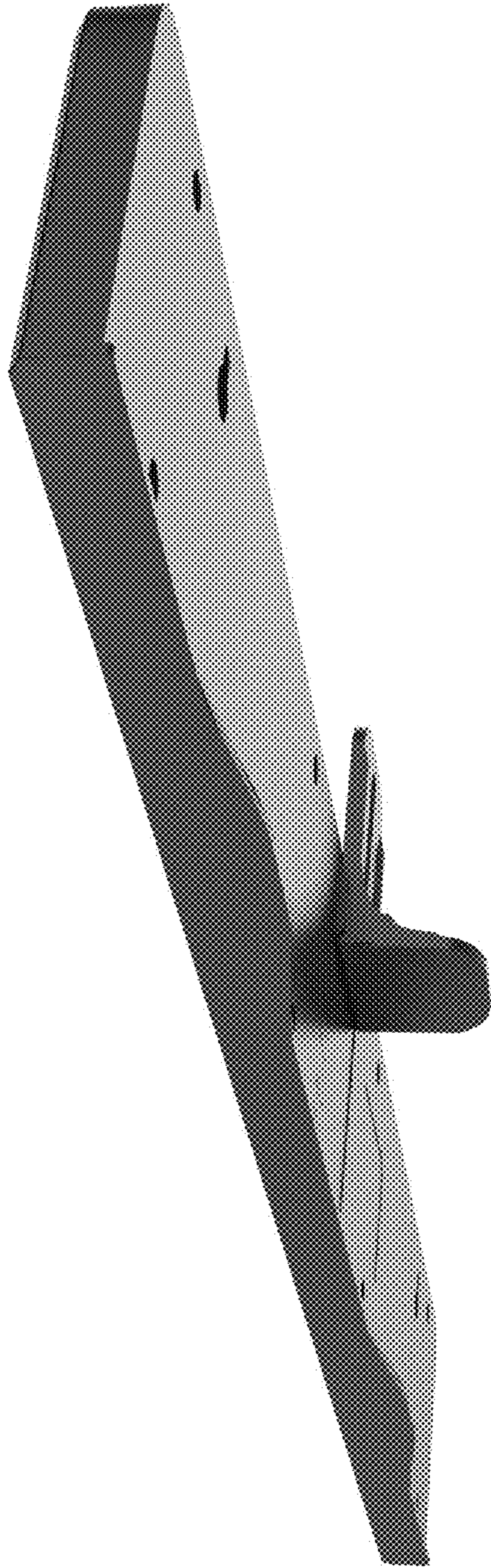


FIG. 35

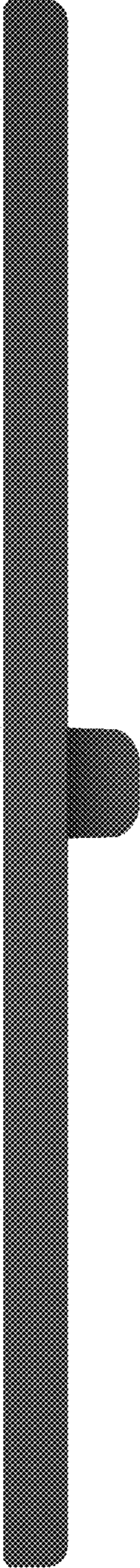


FIG. 36

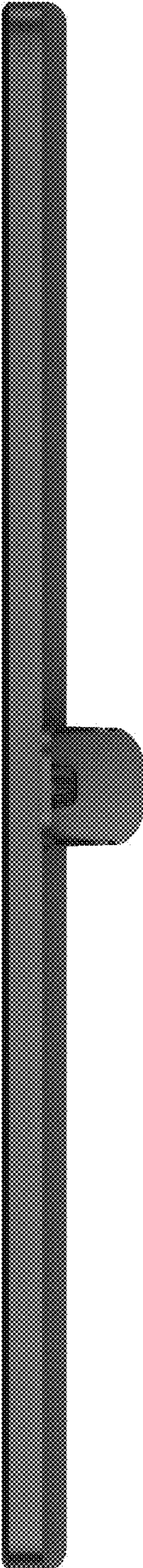


FIG. 37

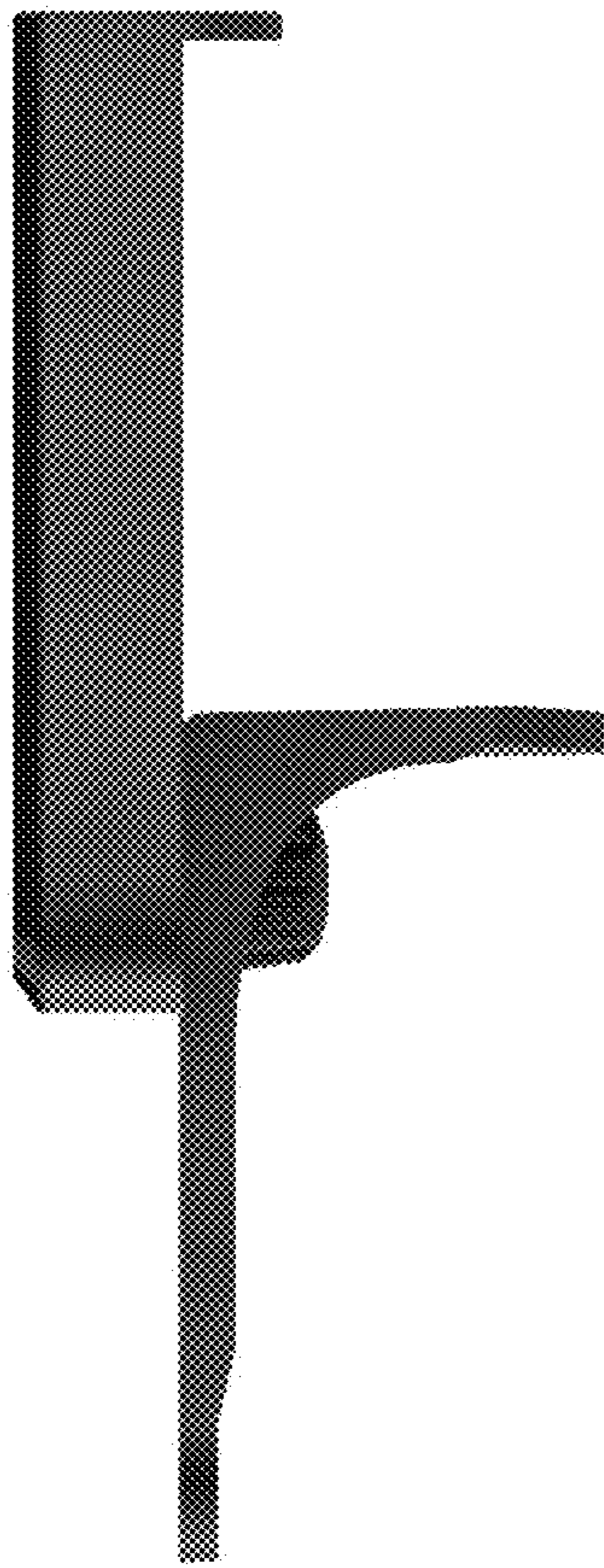


FIG. 38



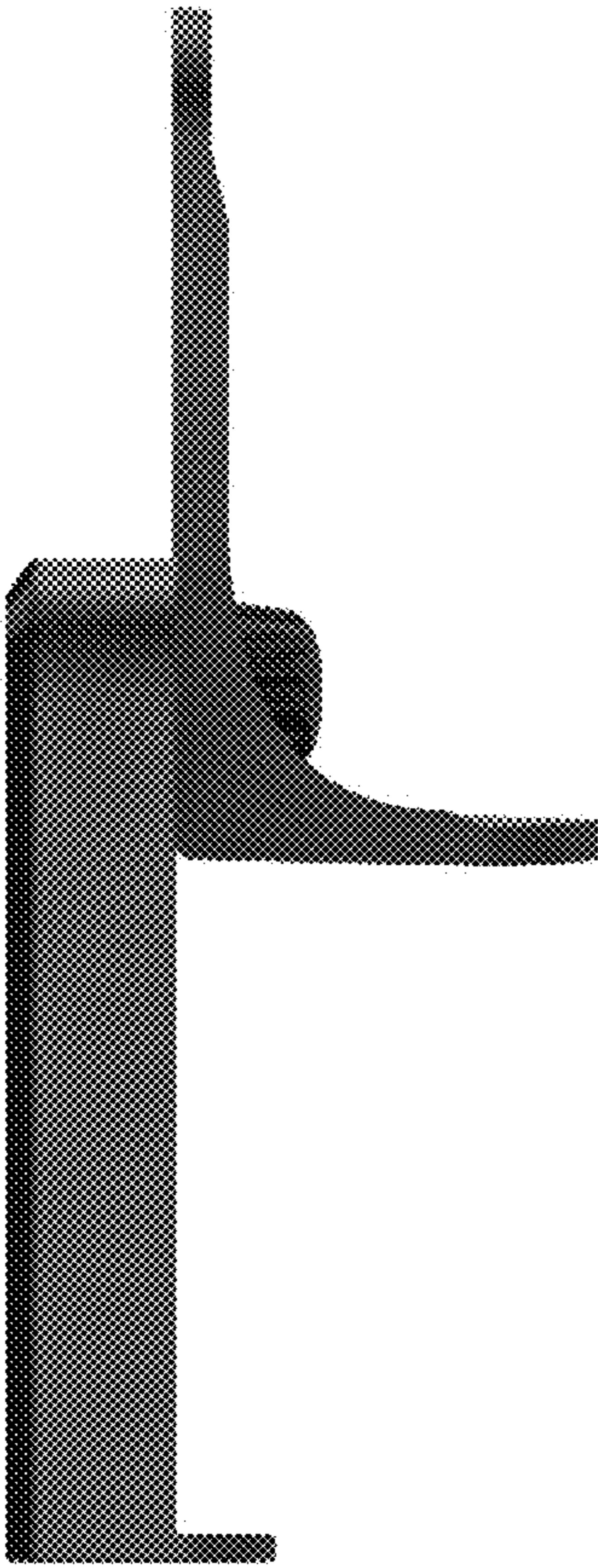


FIG. 39

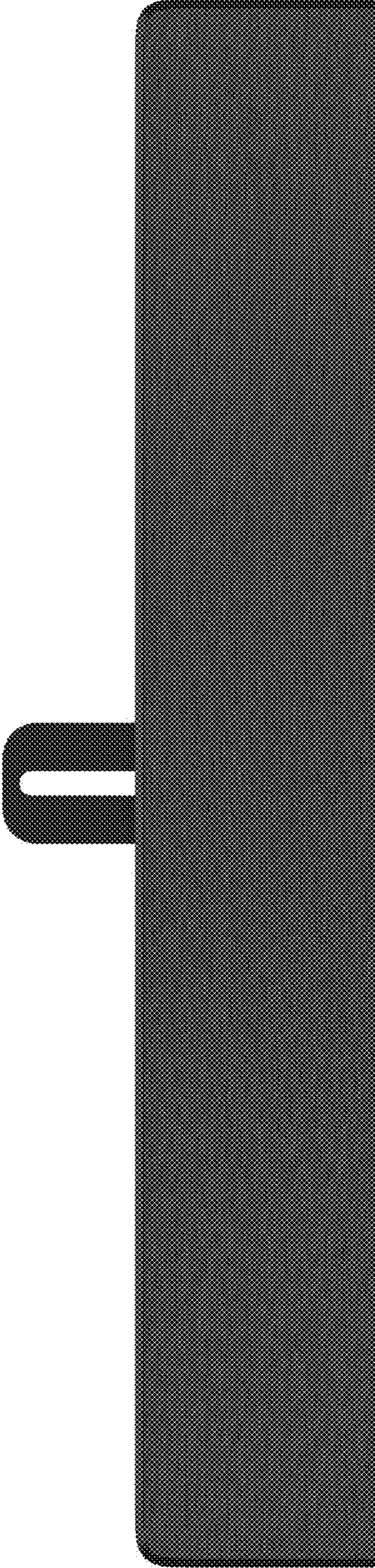


FIG. 40

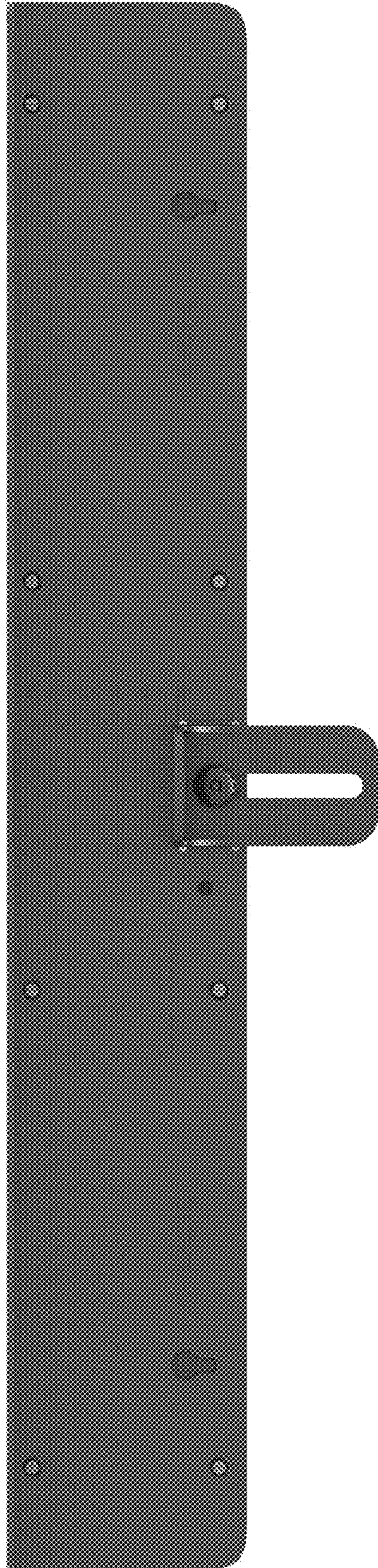


FIG. 41



FIG. 42

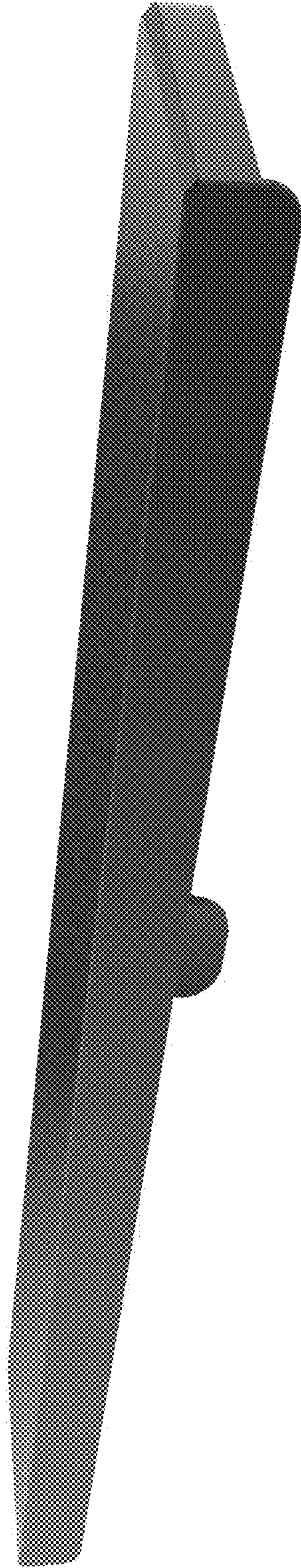


FIG. 43

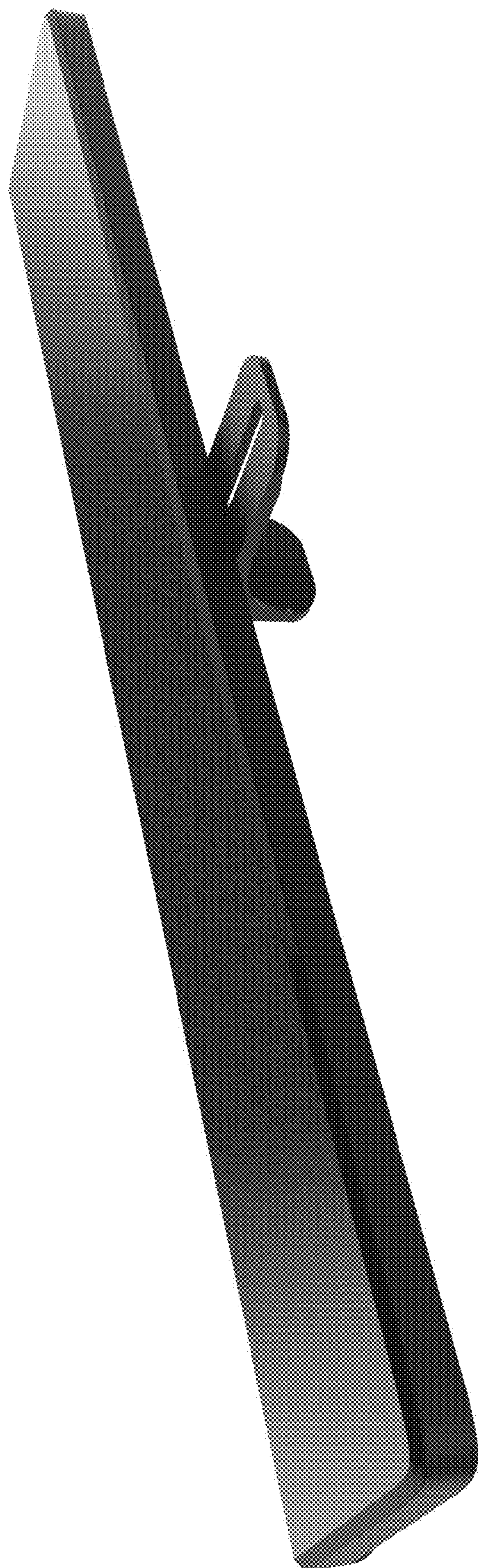


FIG. 44

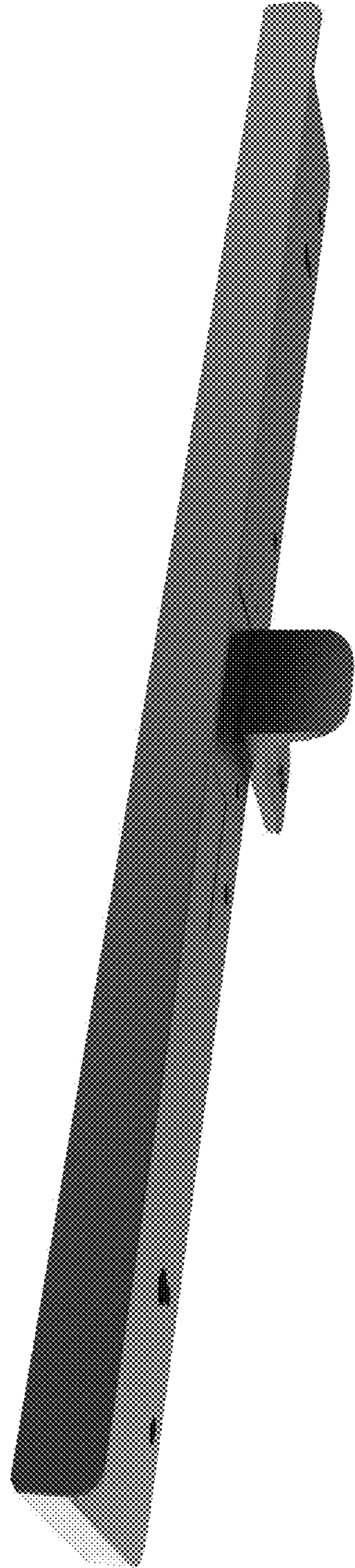


FIG. 45

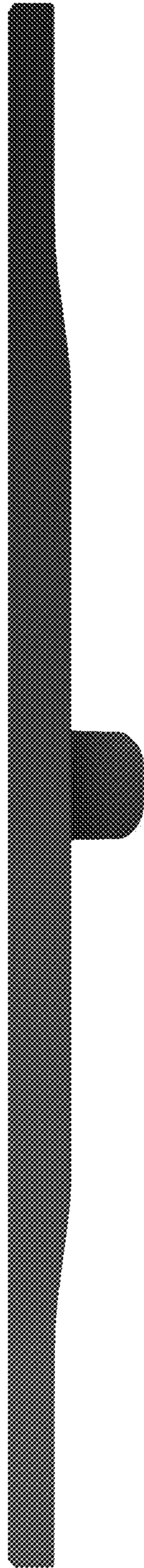


FIG. 46



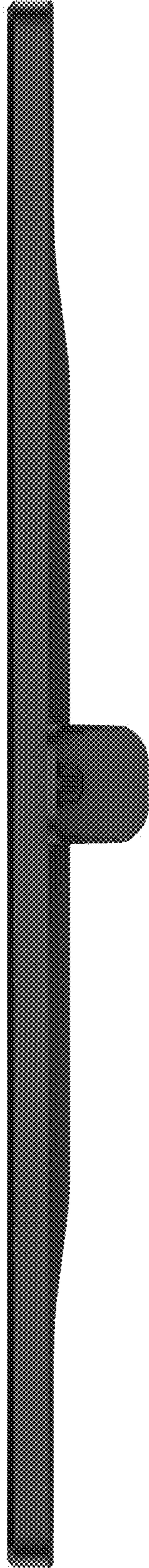


FIG. 47

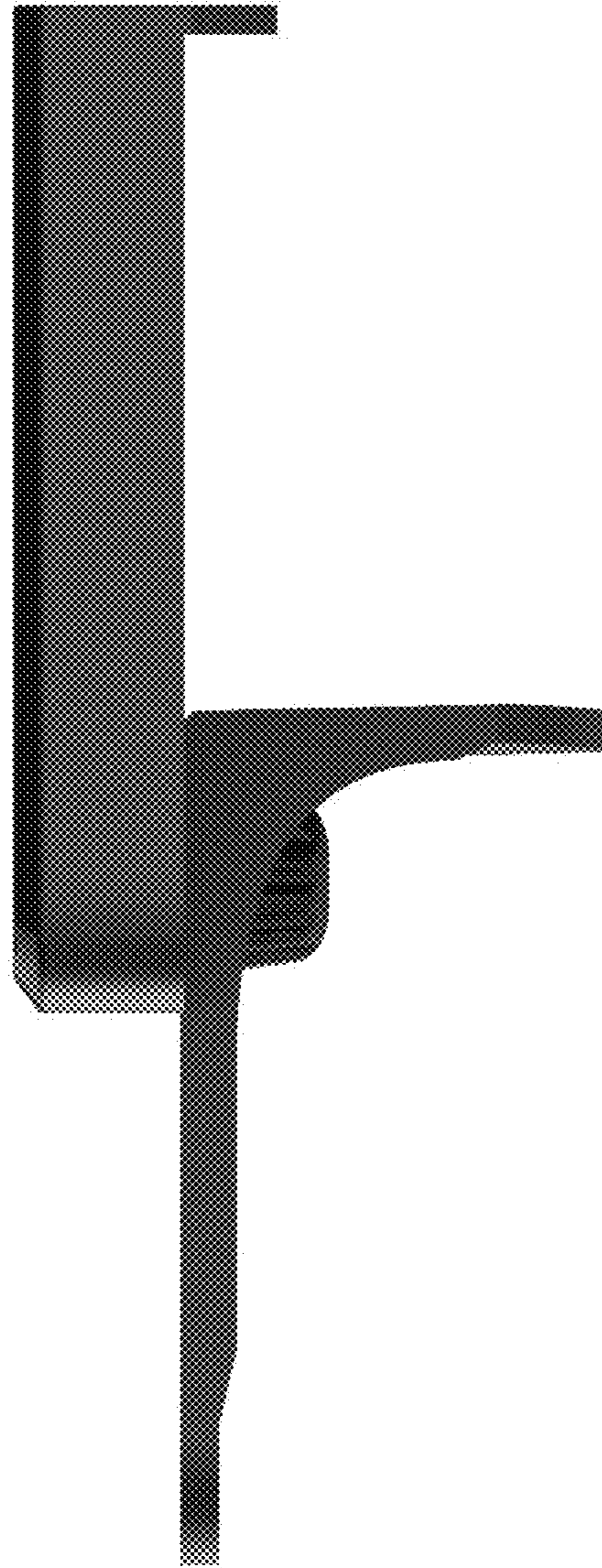


FIG. 48

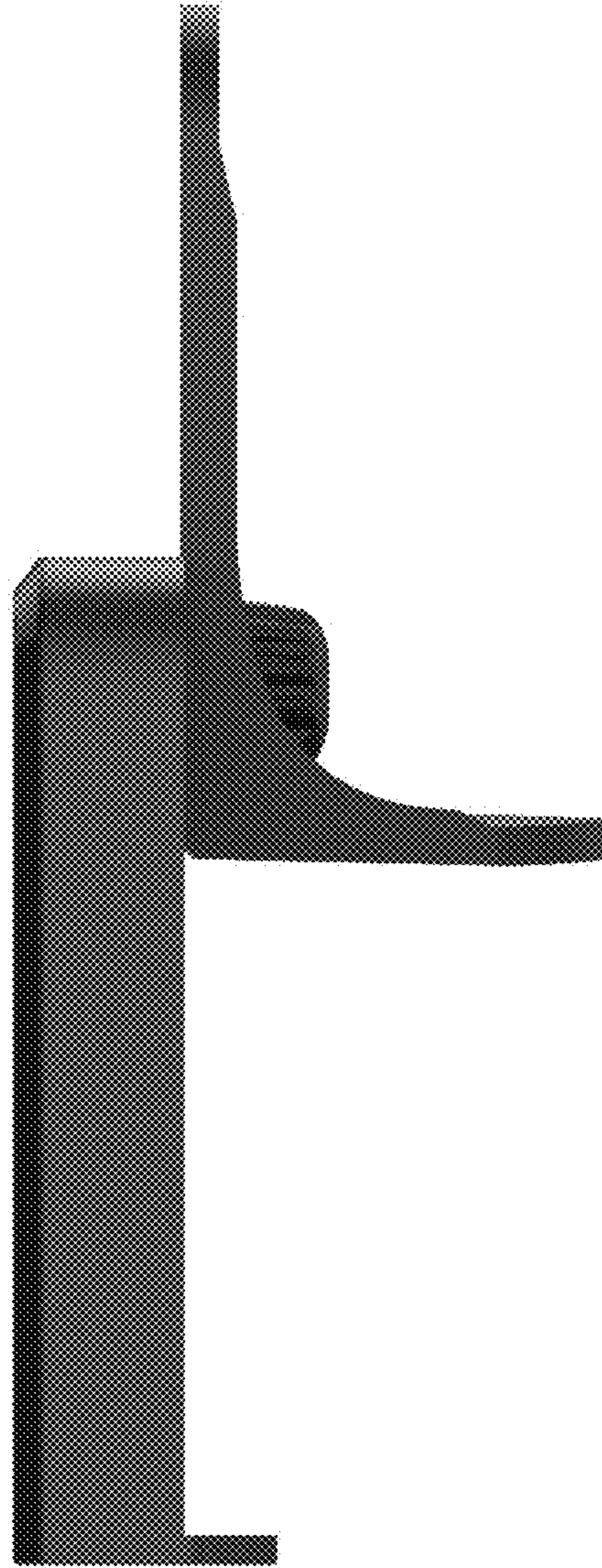


FIG. 49

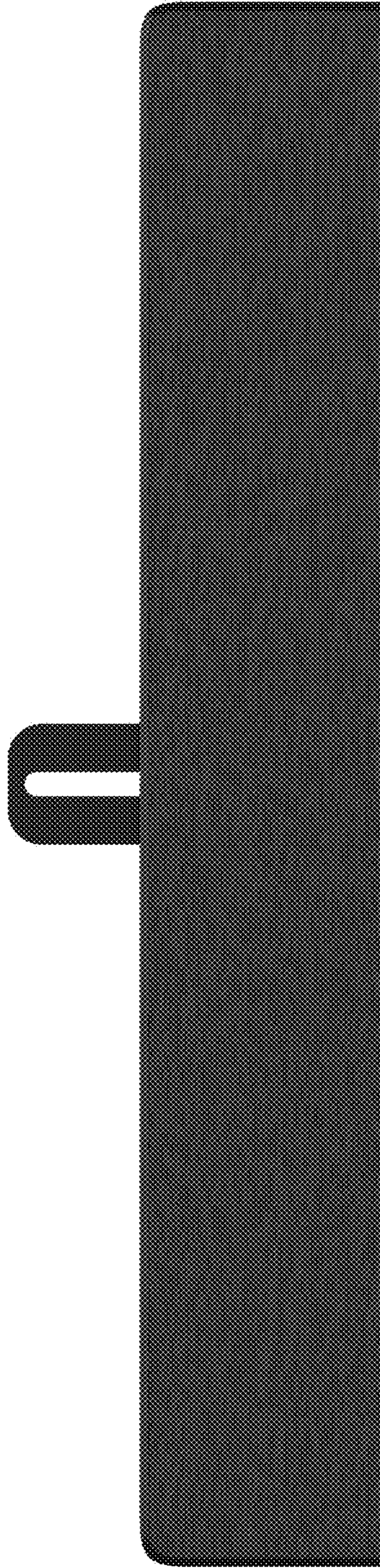


FIG. 50

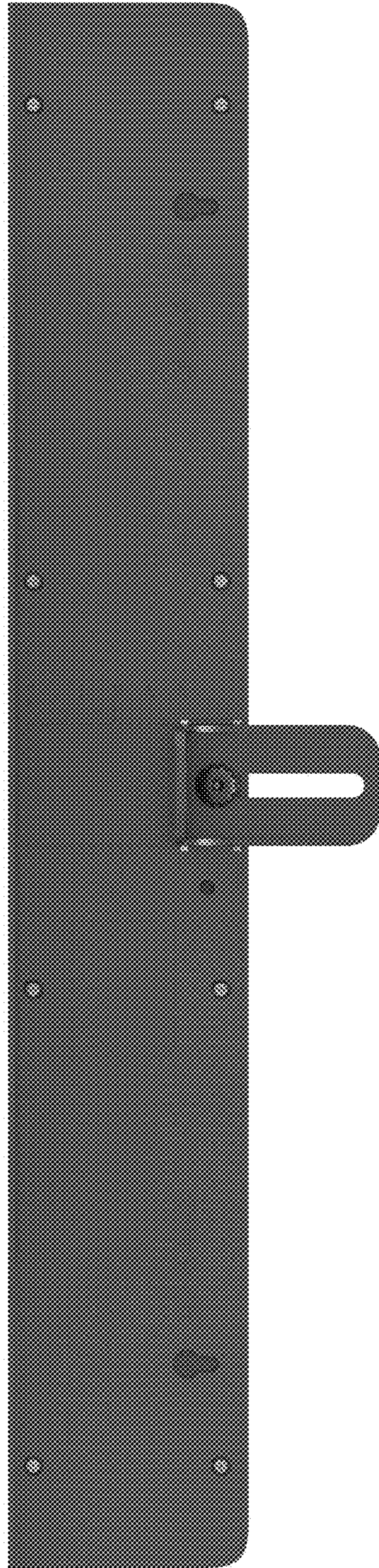


FIG. 51

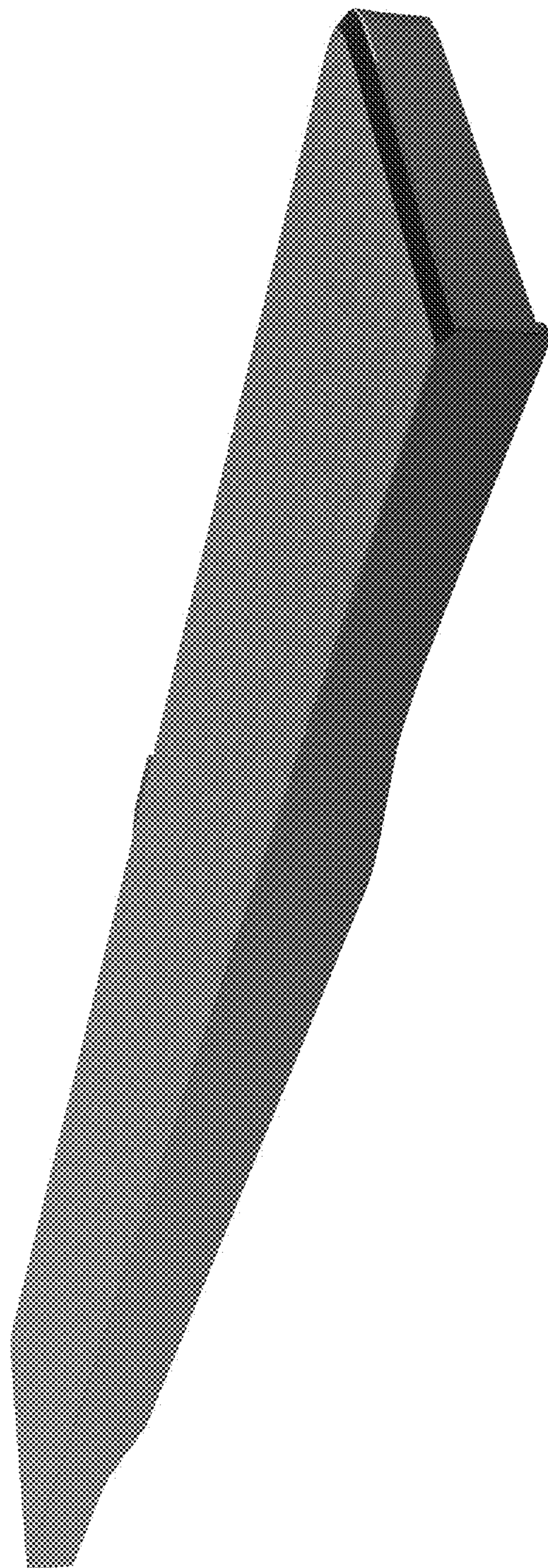


FIG. 52

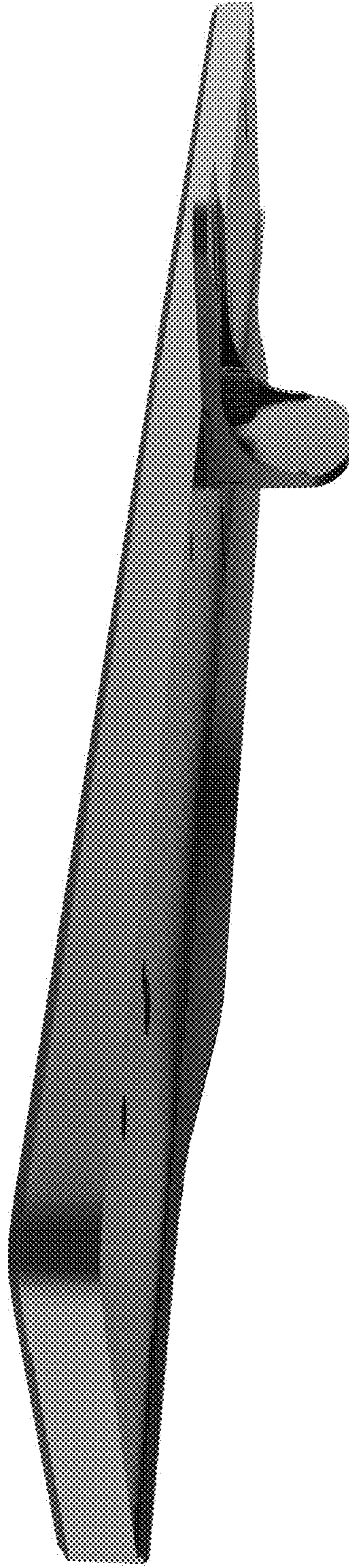


FIG. 53

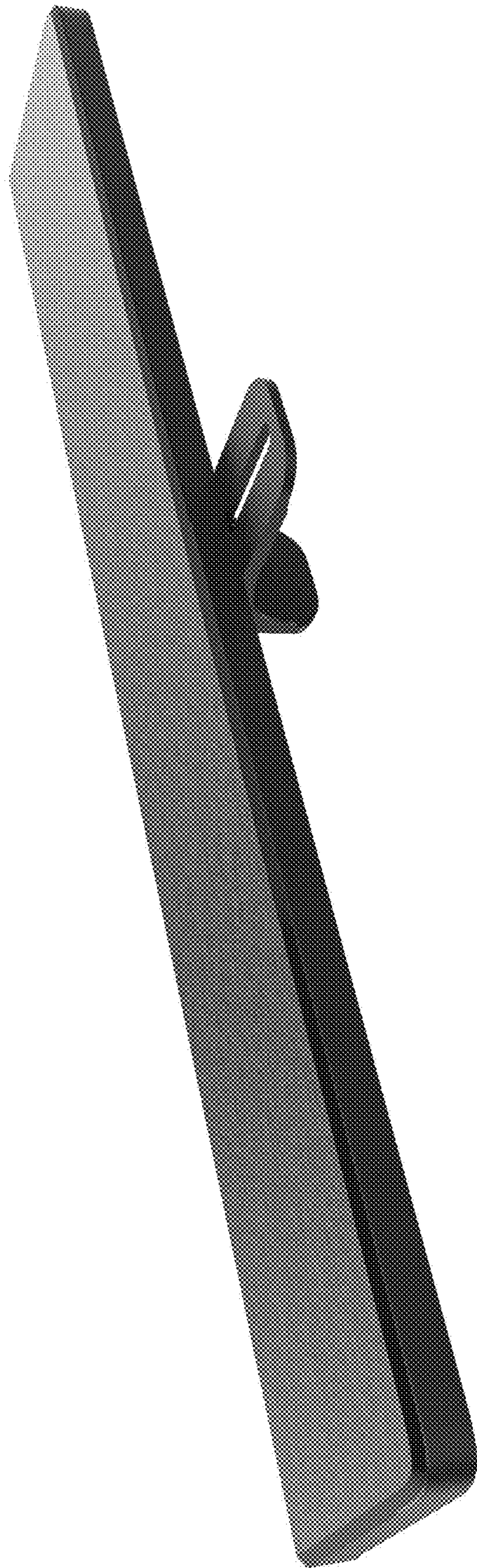


FIG. 54



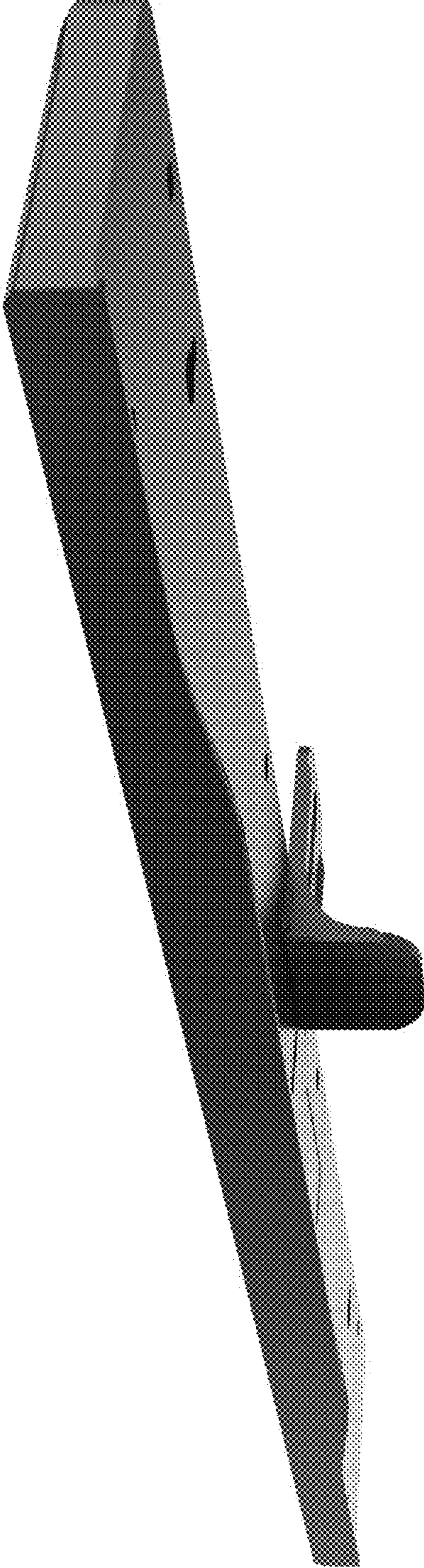


FIG. 55