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(12) **United States Design Patent**  
**Carruba et al.**

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(54) **VIBRATING SCRUBBER**

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(52) **U.S. Cl.** ..... **D28/63; D24/214; D24/215; D28/7; D32/51**

(58) **Field of Search** ..... D4/100, 114, 121, D4/127, 129, 132, 137, 138; D24/214, 215, 147; D28/7, 63, 57-59; 15/22.1, 28, 143.1, 210.1, 244.1, 244.4; 401/6, 8, 196, 198, 205, 266; 601/46, 48, 72, 73, 80, 84, 114, 136-138; D32/51

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

455,567 A	*	7/1891	Kraft	.....	401/6 X
1,234,619 A	*	7/1917	Broad	.....	601/79
D136,599 S	*	11/1943	Yoshihawa	.....	D4/121
D180,848 S		8/1957	Scholl		
2,922,180 A	*	1/1960	Render	.....	15/244.1
D215,876 S	*	11/1969	Linke	.....	D32/51
3,491,397 A		1/1970	Hesener		
3,568,237 A		3/1971	Rhodes		
3,705,578 A		12/1972	Cutler et al.		
3,727,607 A		4/1973	Dill		
3,779,238 A		12/1973	Cutler et al.		
3,943,921 A		3/1976	Colk		
4,055,169 A		10/1977	Baker et al.		
D247,212 S	*	2/1978	Welch	.....	D32/51
4,098,266 A		7/1978	Muchisky et al.		
D250,229 S	*	11/1978	Werner	.....	D4/127
4,299,005 A		11/1981	Brown		
4,381,766 A		5/1983	Avolio		

4,508,108 A		4/1985	Miyaoka		
D305,481 S	*	1/1990	Bruno et al.	.....	D4/132
D323,568 S		1/1992	Hackler		
5,090,402 A		2/1992	Bazin et al.		
5,125,398 A		6/1992	Horton		
D334,095 S		3/1993	Beets et al.		
5,240,339 A		8/1993	DeForest et al.		
D343,924 S		2/1994	Kaplan		
5,388,700 A		2/1995	Per-Lee		
5,471,695 A		12/1995	Aiyar		
D371,219 S		6/1996	Bouchez		
D375,382 S		11/1996	Beeler et al.		
D376,912 S		12/1996	Stein		
5,640,737 A		6/1997	Boggs		
D381,771 S		7/1997	Chern		
5,673,455 A		10/1997	Per-Lee et al.		
D387,480 S		12/1997	Esraelian		
D388,535 S		12/1997	Per-Lee		
D391,671 S		3/1998	Spencer		
D394,108 S		5/1998	Ebert		
D408,944 S		4/1999	Petschow		
5,960,509 A	*	10/1999	Wu	.....	15/244.1 X
D448,114 S		9/2001	Faust et al.		

\* cited by examiner

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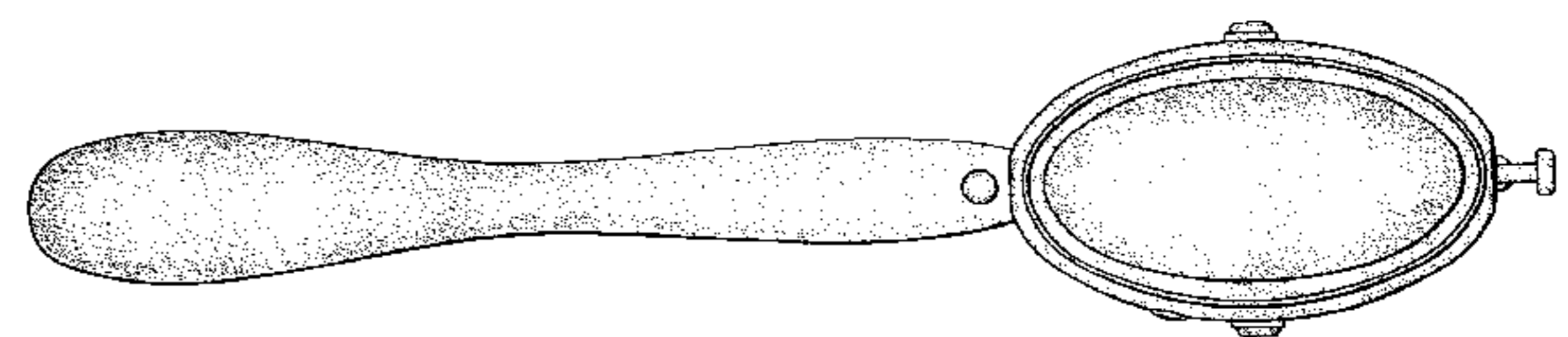
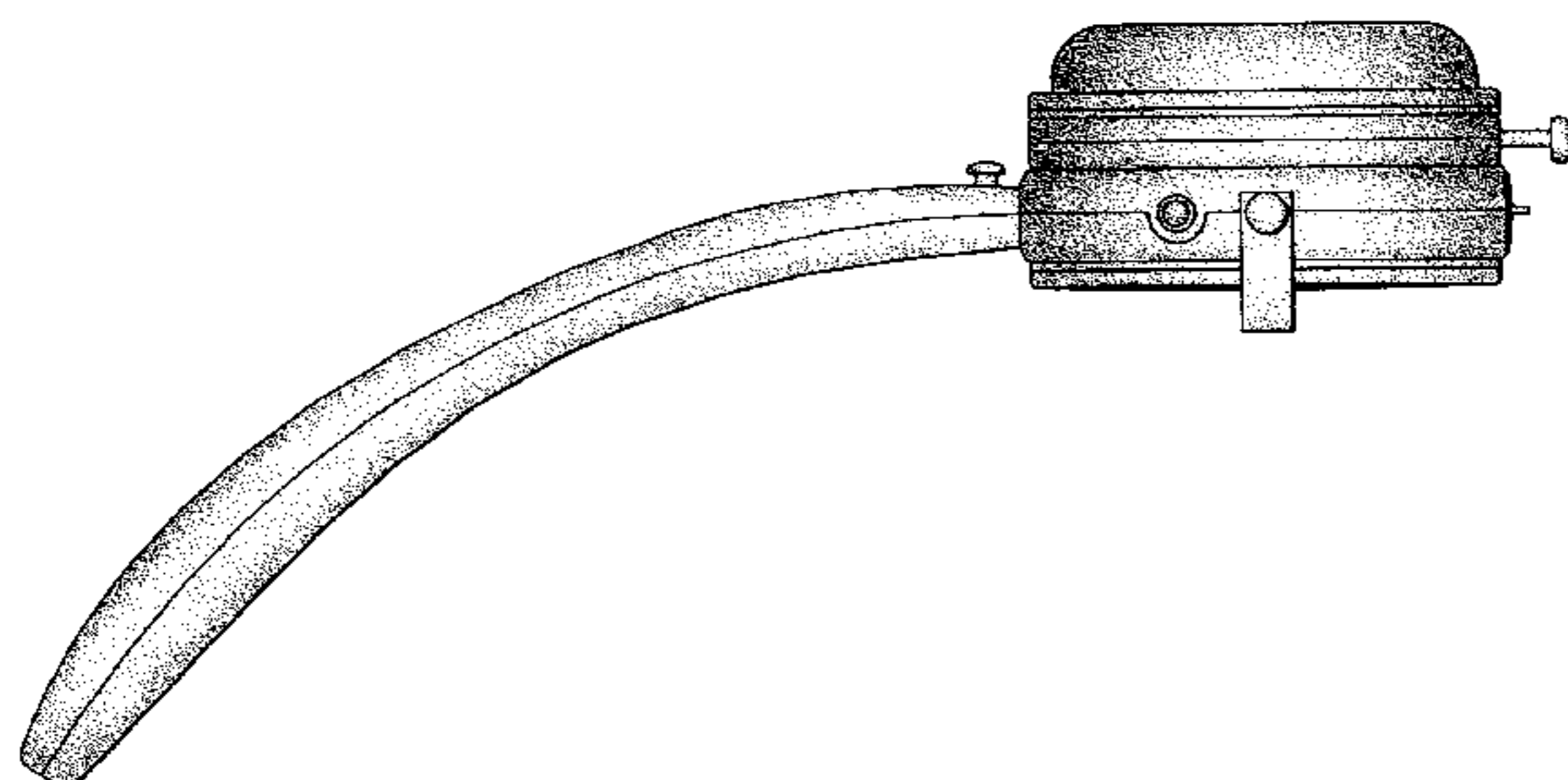
(57) **CLAIM**

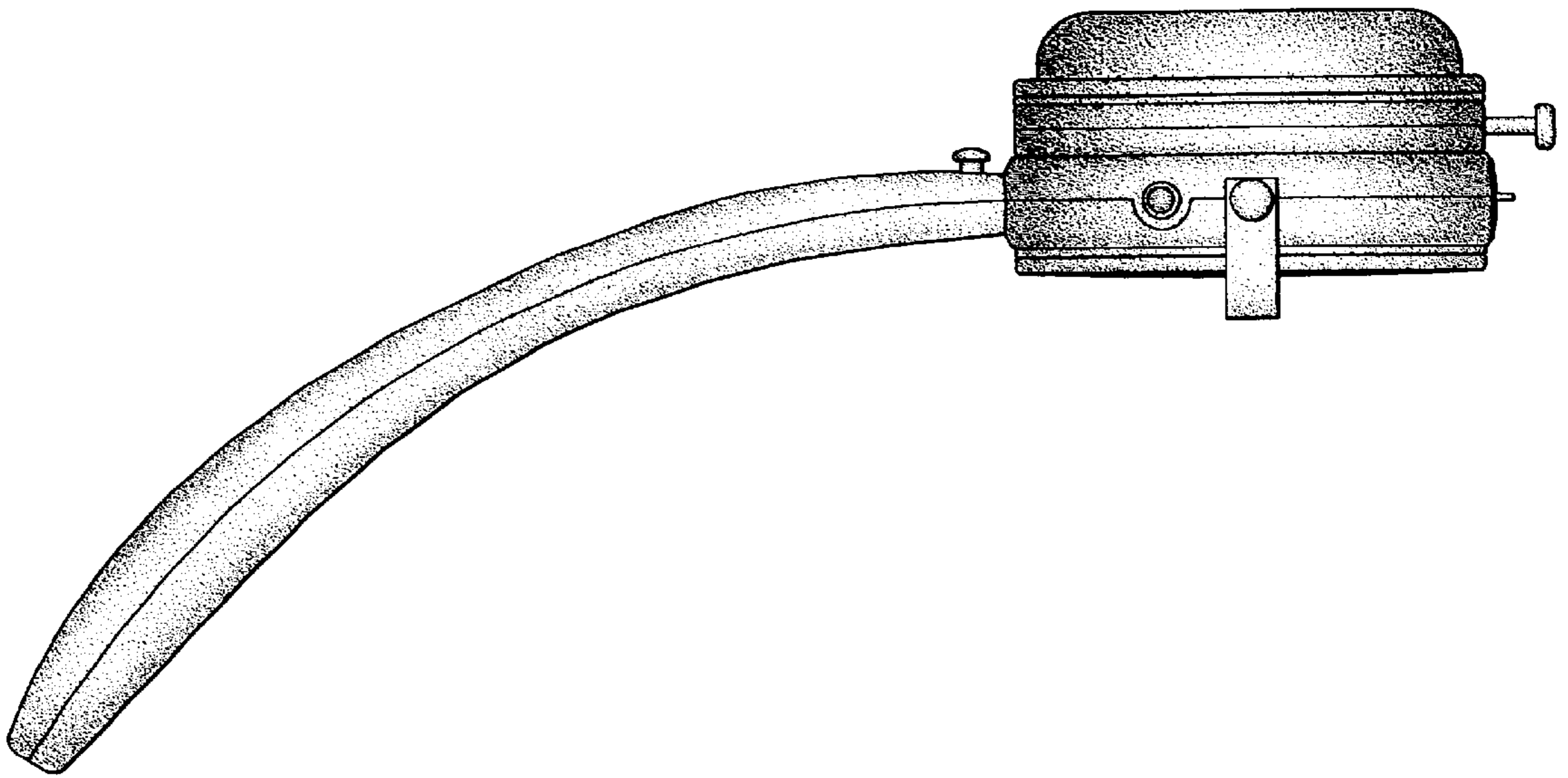
The ornamental design for a vibrating scrubber, as shown and described.

**DESCRIPTION**

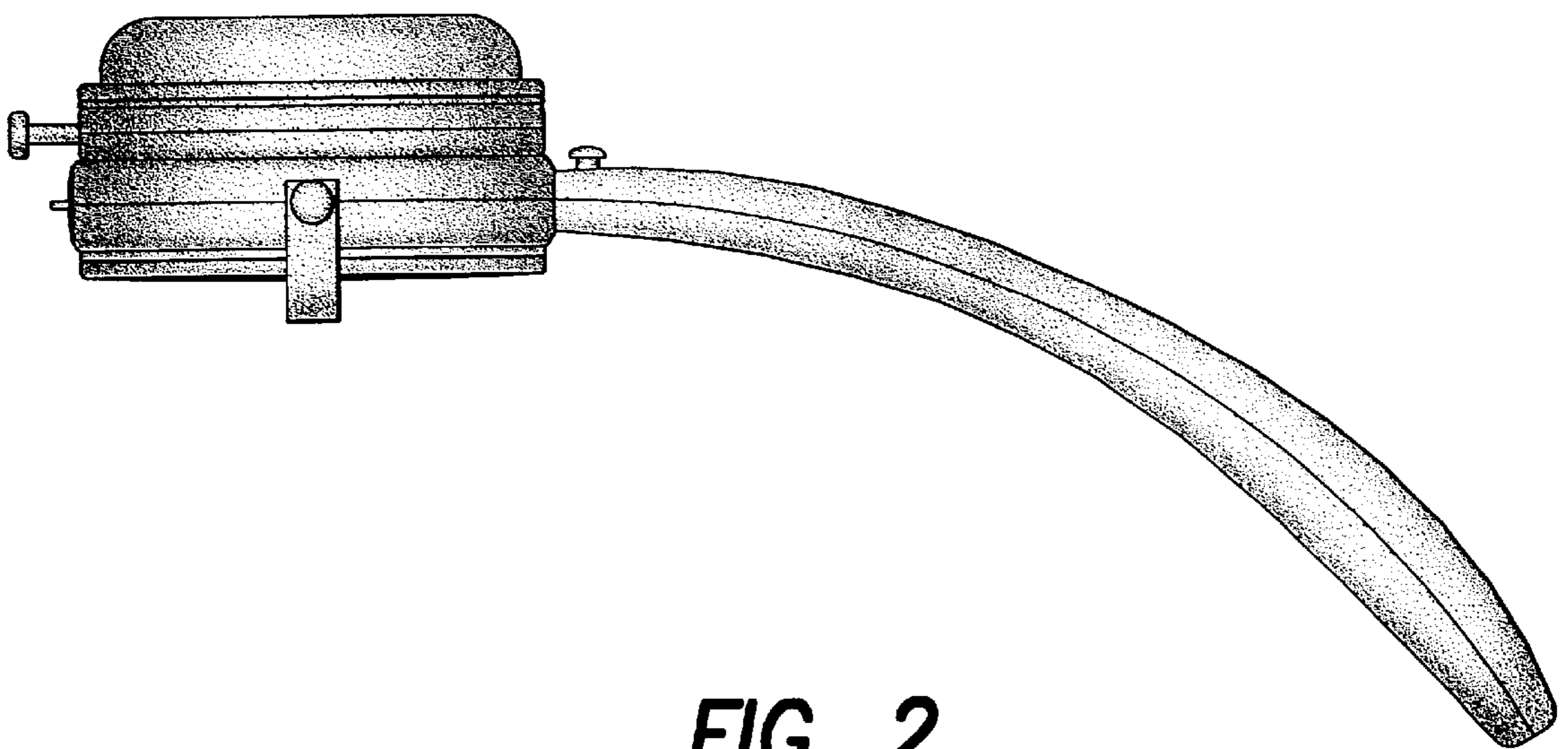
FIG. 1 is a side elevational view of a vibrating scrubber showing our new design;  
FIG. 2 is a view of the opposite side of FIG. 1;  
FIG. 3 is a top plan view of FIG. 1;  
FIG. 4 is a bottom plan view of FIG. 1;  
FIG. 5 is a left end elevational view of FIG. 1; and,  
FIG. 6 is a right end elevational view of FIG. 1.

**1 Claim, 3 Drawing Sheets**

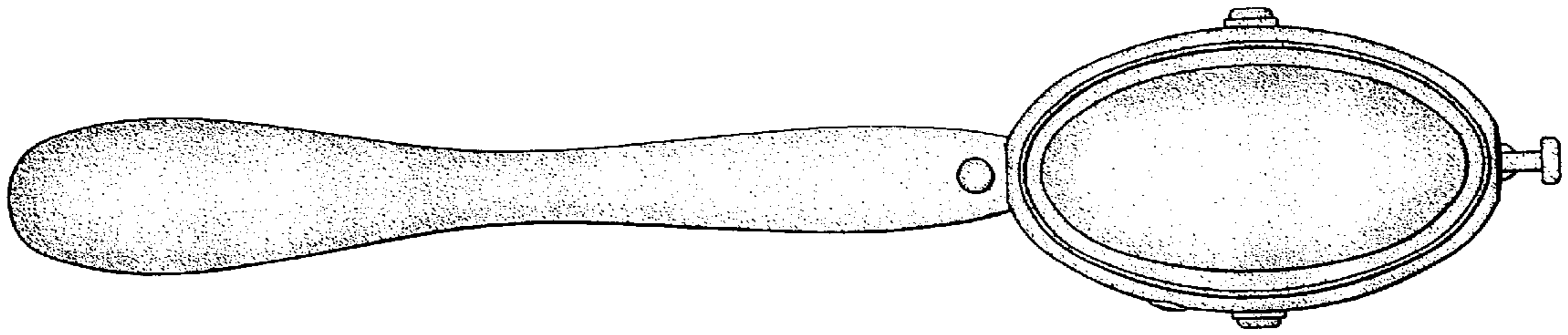




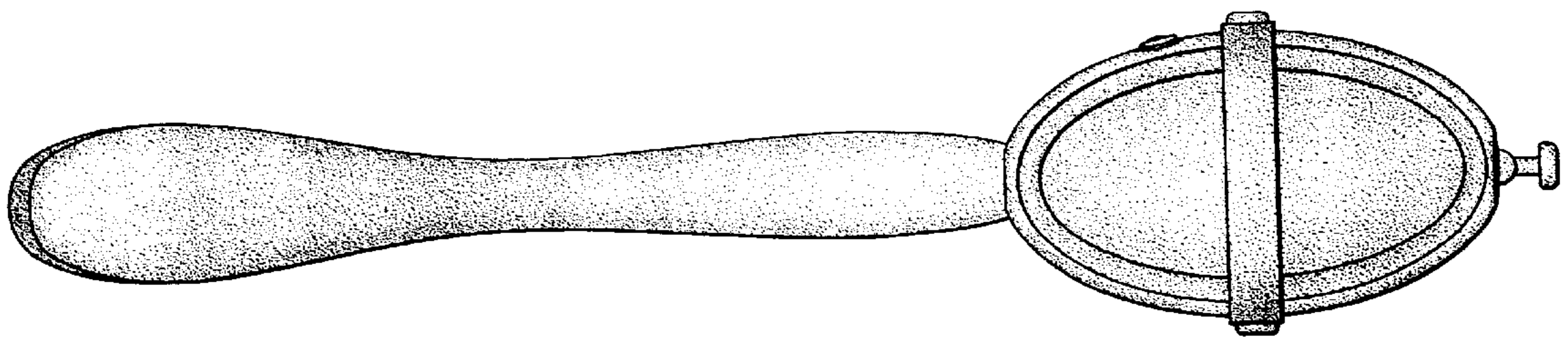
**FIG. 1**



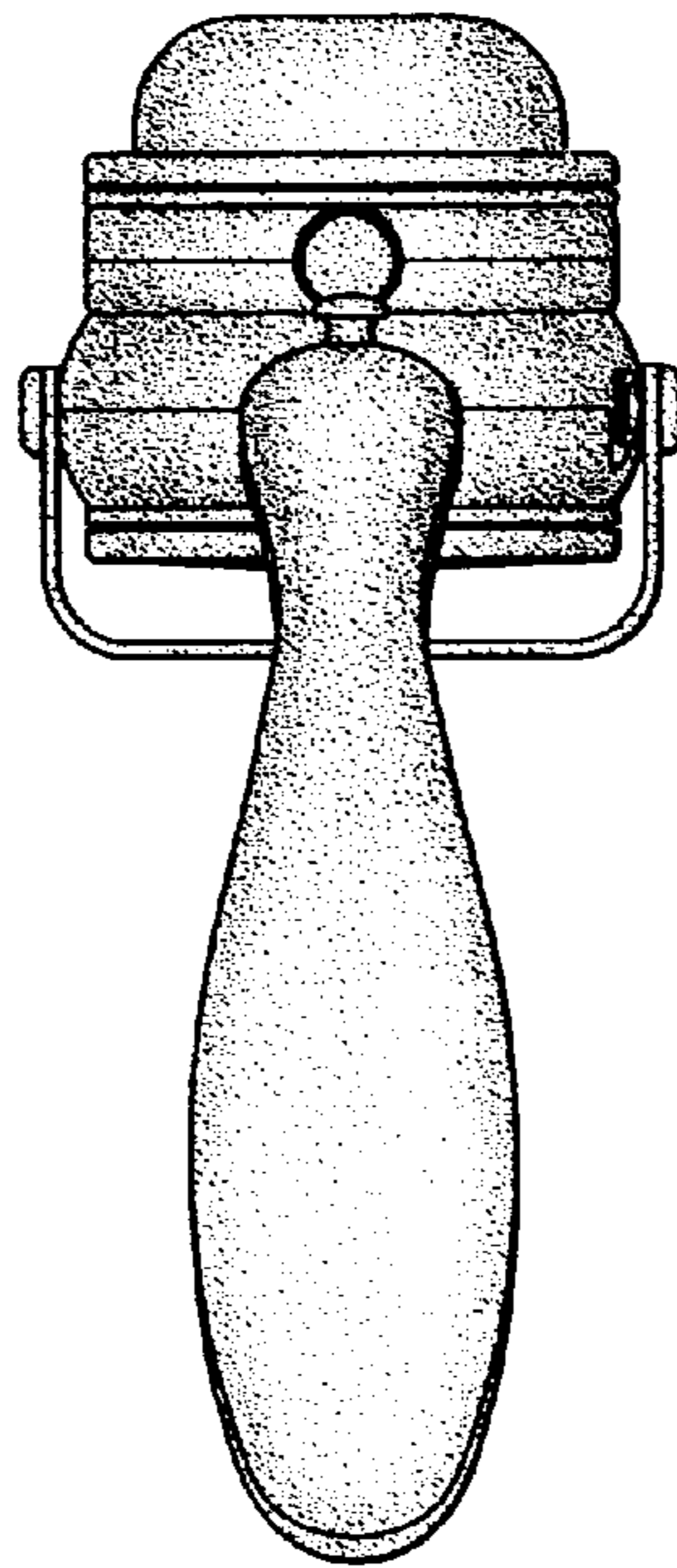
**FIG. 2**



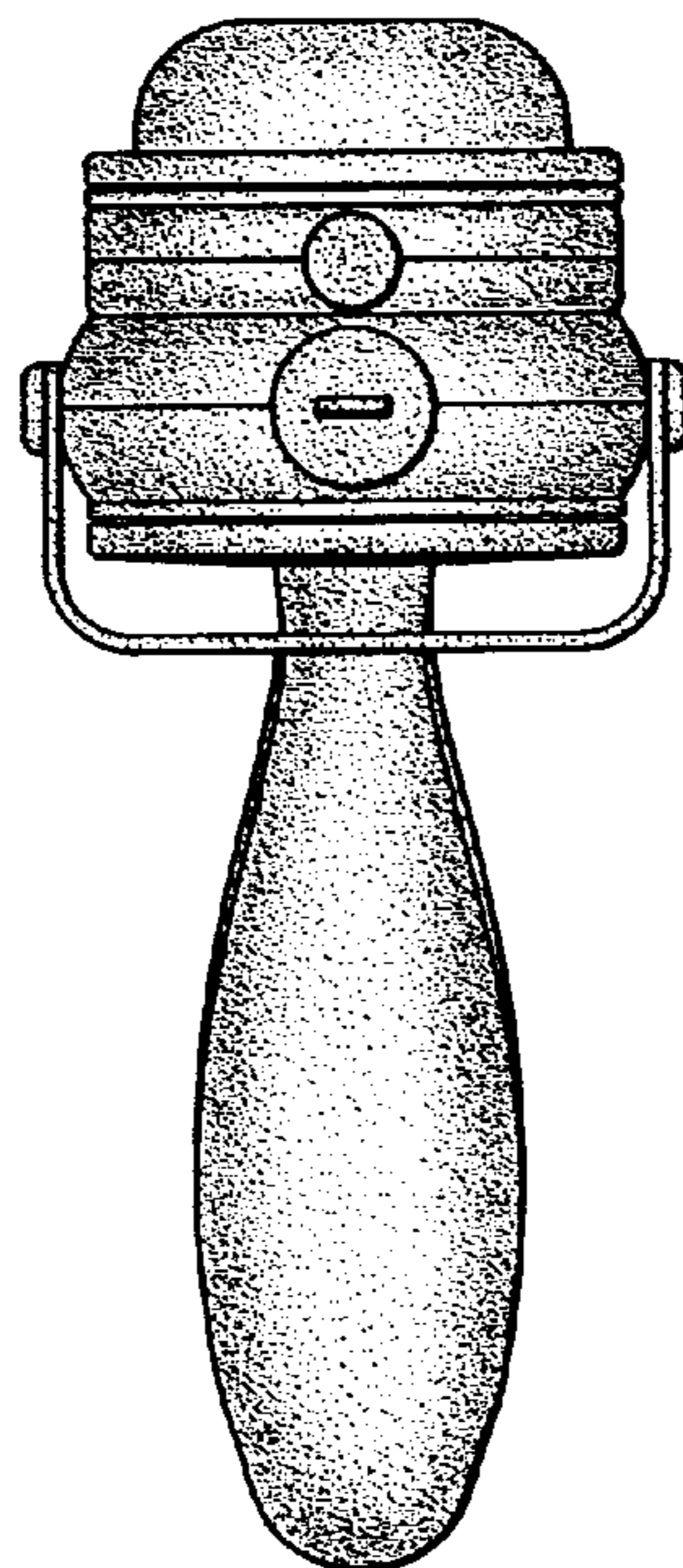
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**