

[54] DENTAL CLEANING INSTRUMENT

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[**] Term: 14 Years

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[58] Field of Search D4/104-114; D24/10-11; D28/64; 15/105-106, 143 R, 145, 159 R, 167.1-167.3, 171-173, 176.1-176.6; 132/308-311, 321-328; 401/268-292

[56] References Cited

U.S. PATENT DOCUMENTS

D.211,557	7/1968	Wilzbacher	D4/104
D. 234,518	3/1975	Gerlich	D28/64
D. 256,999	9/1980	Haagedoorn et al.	D28/64 X
817,050	3/1906	De La Cour	132/325 X
841,946	1/1907	Downing	132/311
1,486,394	3/1924	Smith	401/291
1,844,036	2/1932	Harrison	401/124
2,498,829	2/1950	Torres	401/176
2,814,816	12/1957	Pepping et al.	401/135
3,246,301	4/1966	Blackmon	364/900
3,256,892	6/1966	McEachran	132/300
3,256,894	6/1966	Sherman	401/176
3,613,698	10/1971	Fox	132/311
4,408,920	10/1983	Walther et al.	401/176
4,467,822	8/1984	Blackwell	401/175
4,530,369	7/1985	Adams	401/276 X
4,580,587	4/1986	Rittich et al.	132/311
4,622,984	11/1986	Gaebel	401/270 X

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[57] CLAIM

The ornamental design for a dental cleaning instrument, as shown and described.

DESCRIPTION

FIG. 1 is an exploded left side elevational view of a dental cleaning instrument showing my new design, wherein the instrument is embodied in a combined toothbrush and toothpaste dispenser;

FIG. 2 is an enlarged top plan view thereof, shown without the cap for clarity of illustration only;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a front elevational view of FIG. 1, shown without the cap for clarity of illustration;

FIG. 5 is a rear elevational view thereof, shown with the cap in place thereon;

FIG. 6 is a right side elevational view thereof, with the handle shown broken away for ease of illustration only;

FIG. 7 is an exploded left side elevational view of a second embodiment of the design shown in FIG. 1 wherein the only difference resides in the straightening of the upper portion of the dental cleaning instrument;

FIG. 8 is a right side elevational view thereof, shown with the cap in place thereon and the handle broken away for ease of illustration;

FIG. 9 is a top plan view thereof;

FIG. 10 is a bottom plan view thereof;

FIG. 11 is a left side elevational view of a third embodiment of the design shown in FIG. 1 wherein the dental cleaning instrument is embodied in a combined toothbrush, toothpaste dispenser, and dental floss holder and wherein the only difference resides in the inclusion of the dental floss holder;

FIG. 12 is an enlarged, fragmentary, bottom perspective view thereof;

FIG. 13 is a left side elevational view of a fourth embodiment of the design shown in FIG. 1 wherein the only differences reside in the inclusion of the dental floss holder and the straightening of the upper portion of the dental cleaning instrument;

FIG. 14 is an enlarged, fragmentary, bottom perspective view thereof;

FIG. 15 is an exploded left side elevational view of a fifth embodiment of the design shown in FIG. 1 wherein the dental cleaning instrument is embodied in a combined toothbrush and toothpaste dispenser and wherein the only differences reside in the shape and the angle of the handle;

FIG. 16 is an enlarged top plan view thereof, shown without the cap for clarity of illustration;

FIG. 17 is a bottom plan view thereof;

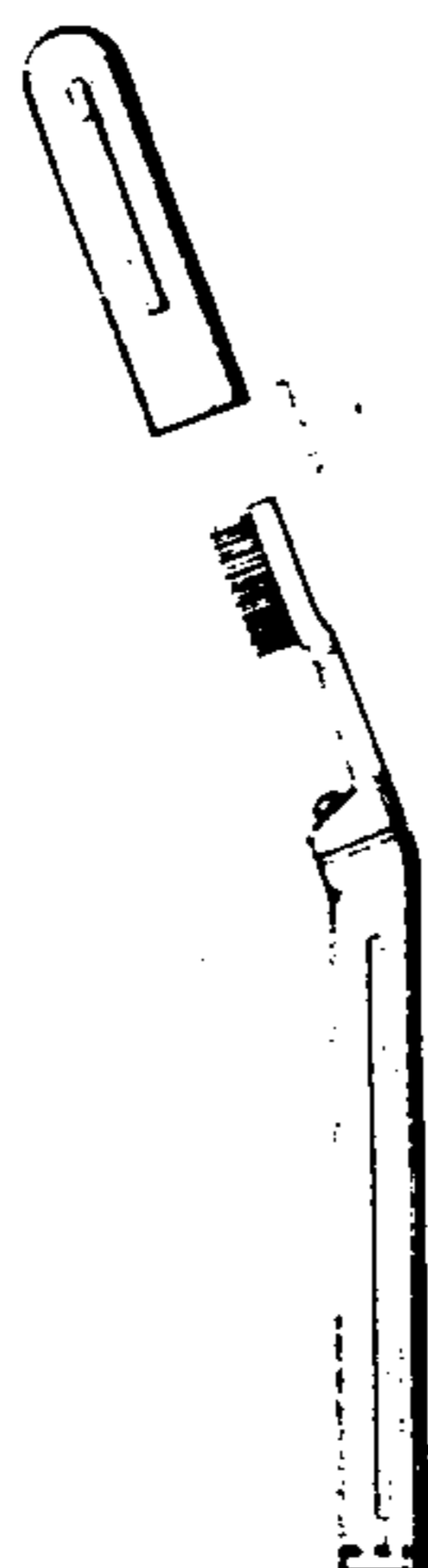
FIG. 18 is a front elevational view of FIG. 15, shown without the cap for clarity of illustration;

FIG. 19 is an exploded left side elevational view of a sixth embodiment of the design shown in FIG. 1 wherein the only differences reside in the shape and the angle of the handle;

FIG. 20 is an enlarged top plan view thereof, shown without the cap for clarity of illustration;

FIG. 21 is a bottom plan view thereof; and

FIG. 22 is a front elevational view of FIG. 19, shown without the cap for clarity of illustration.



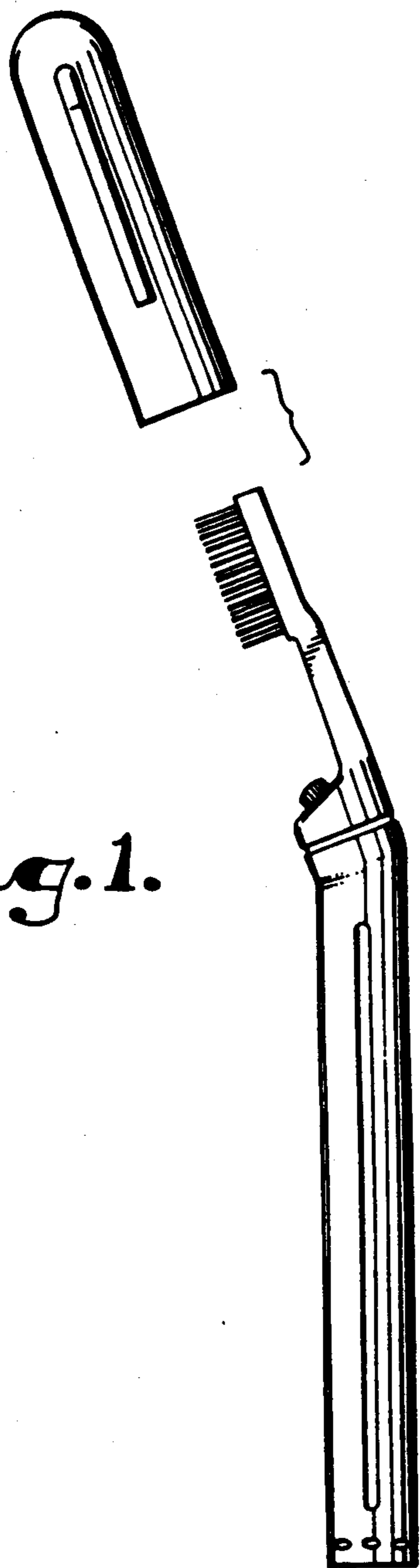


Fig. 1.

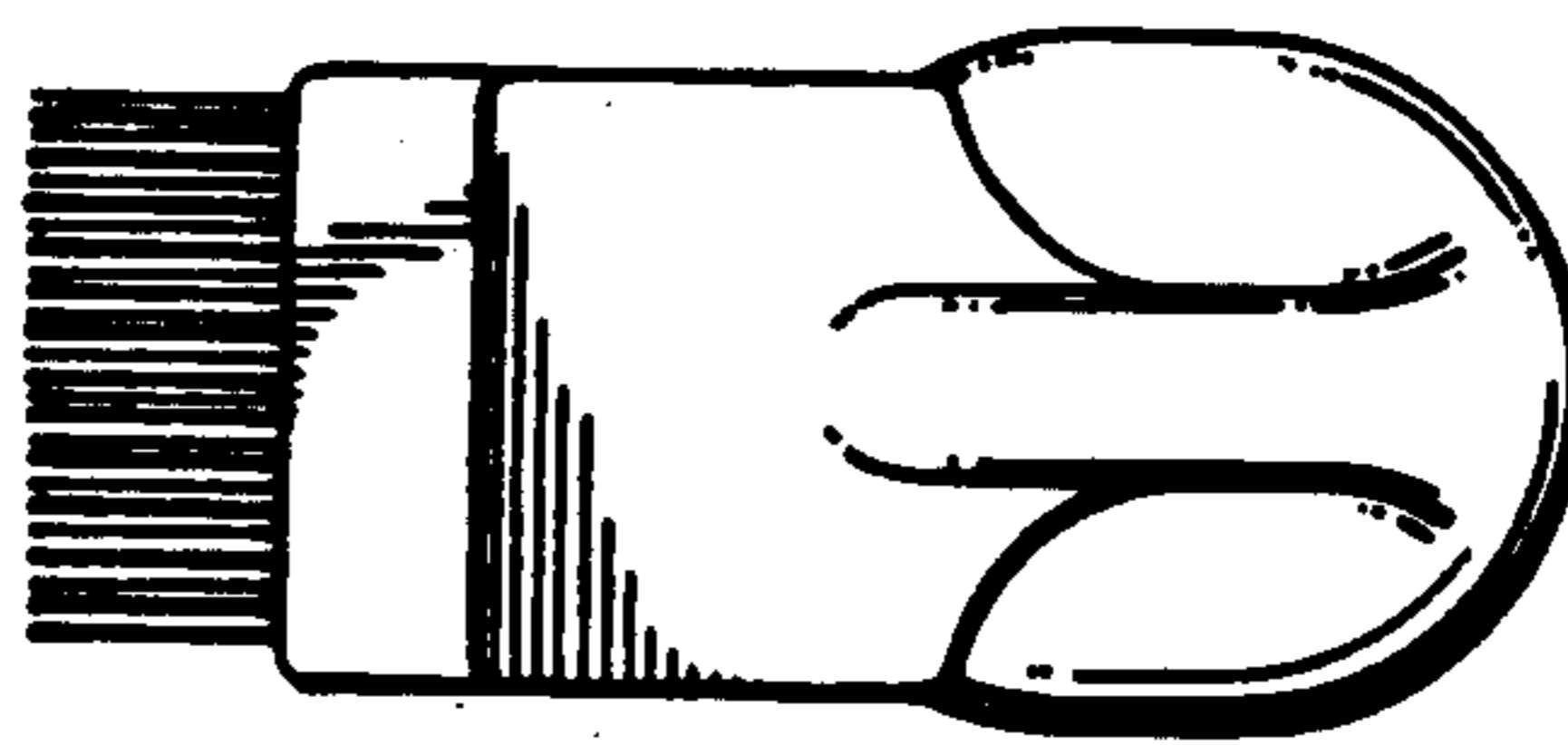


Fig. 2.



Fig. 3.

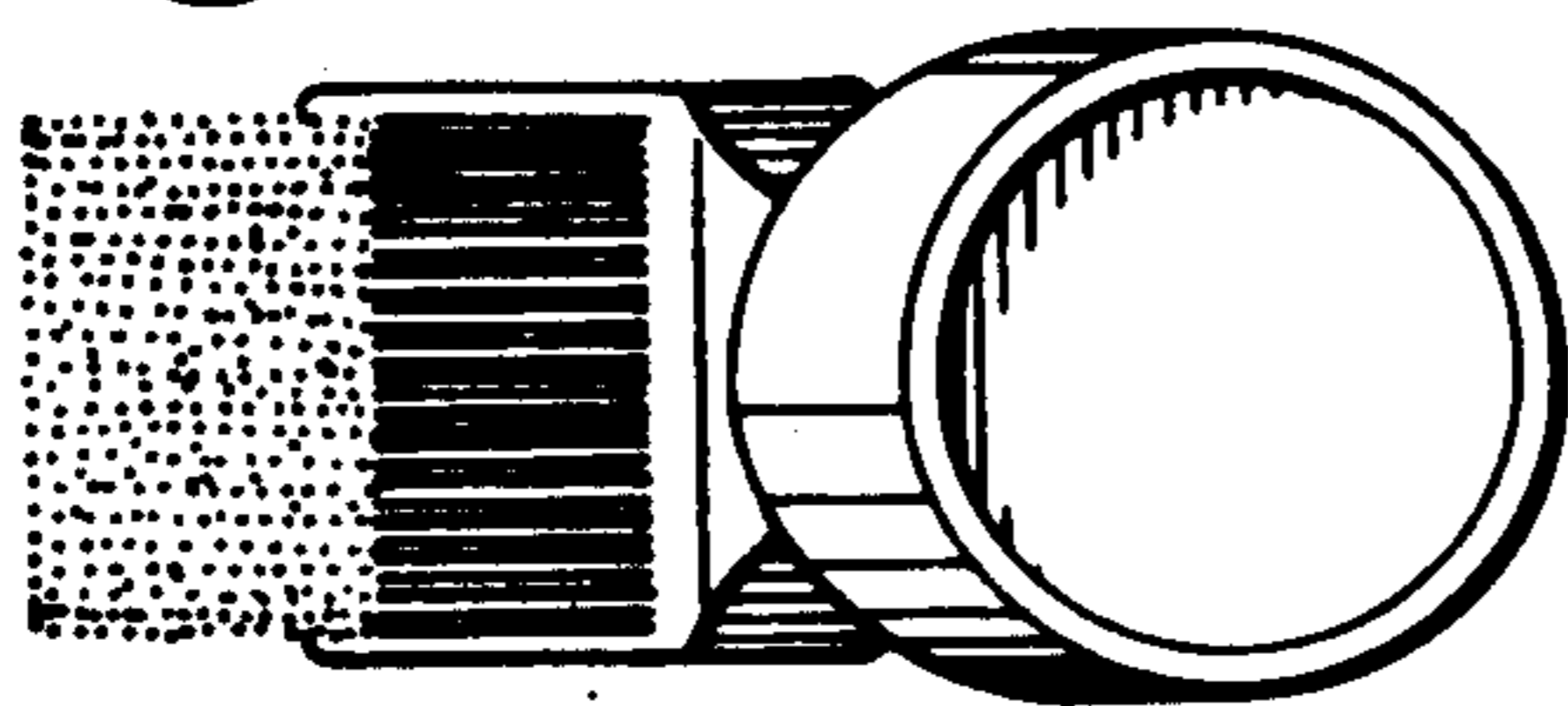


Fig. 4.

Fig. 5.

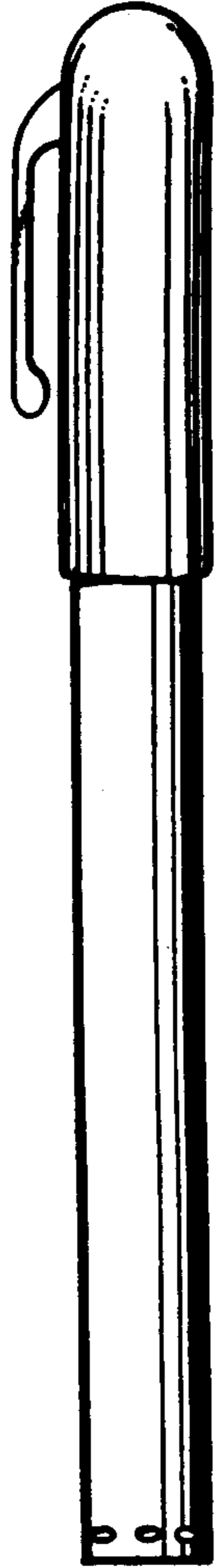


Fig. 9.

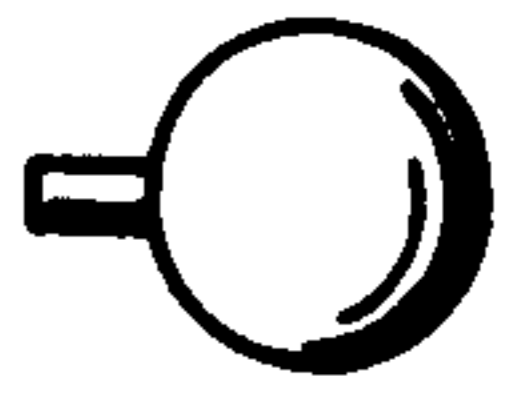


Fig. 10.



Fig. 7.



Fig. 8.

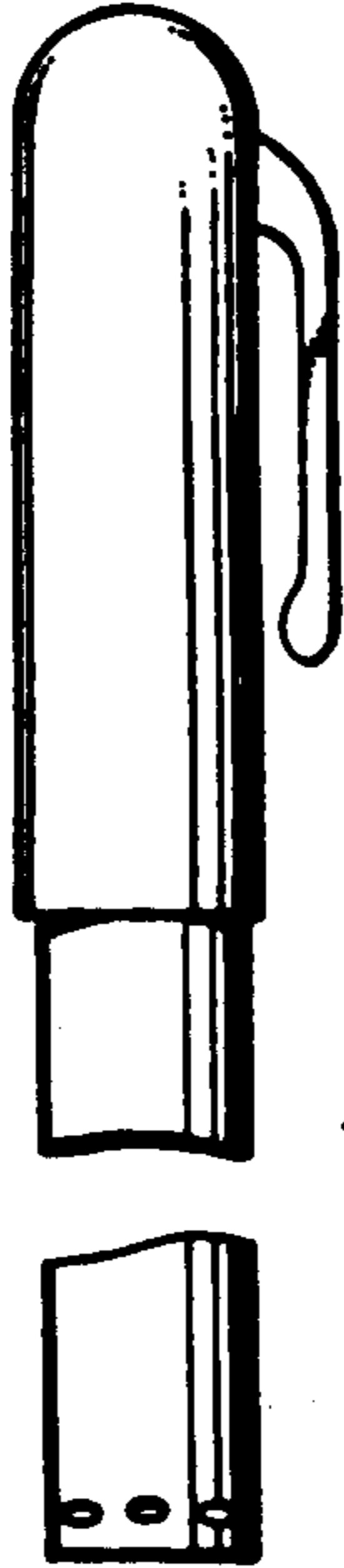


Fig. 6.

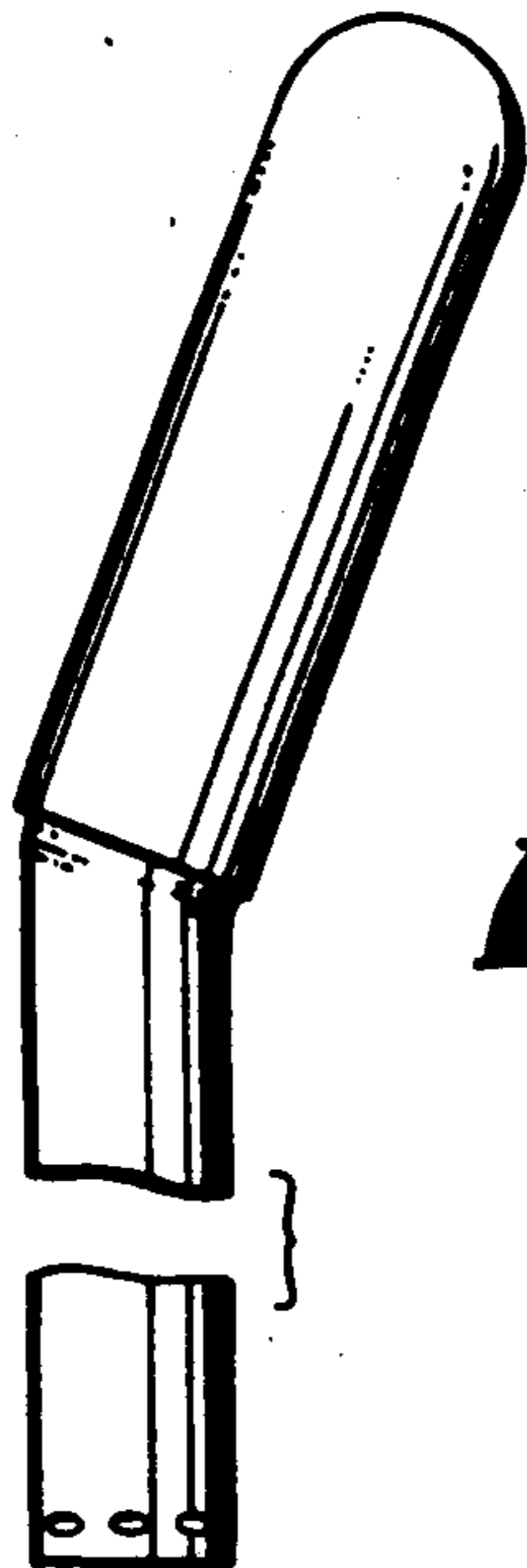


Fig. 11.

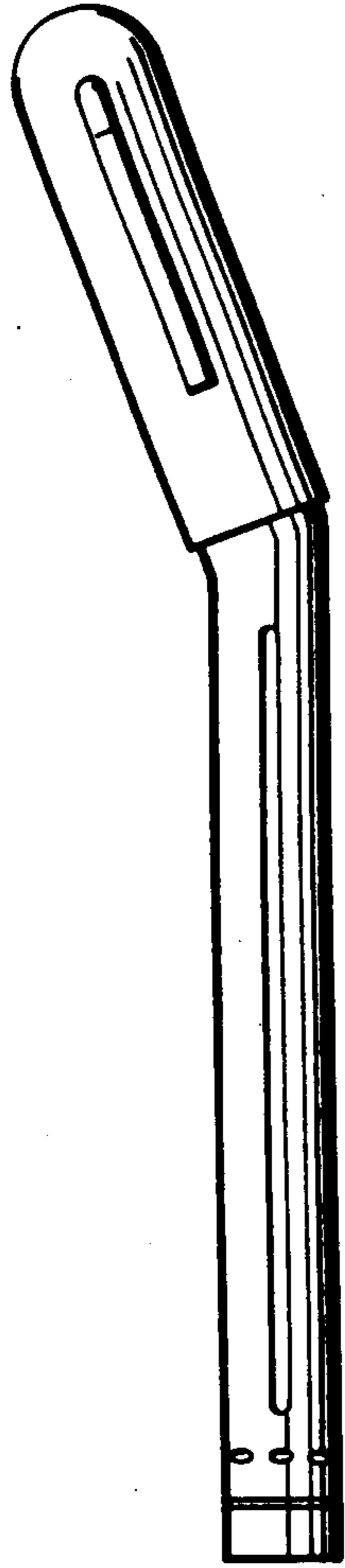


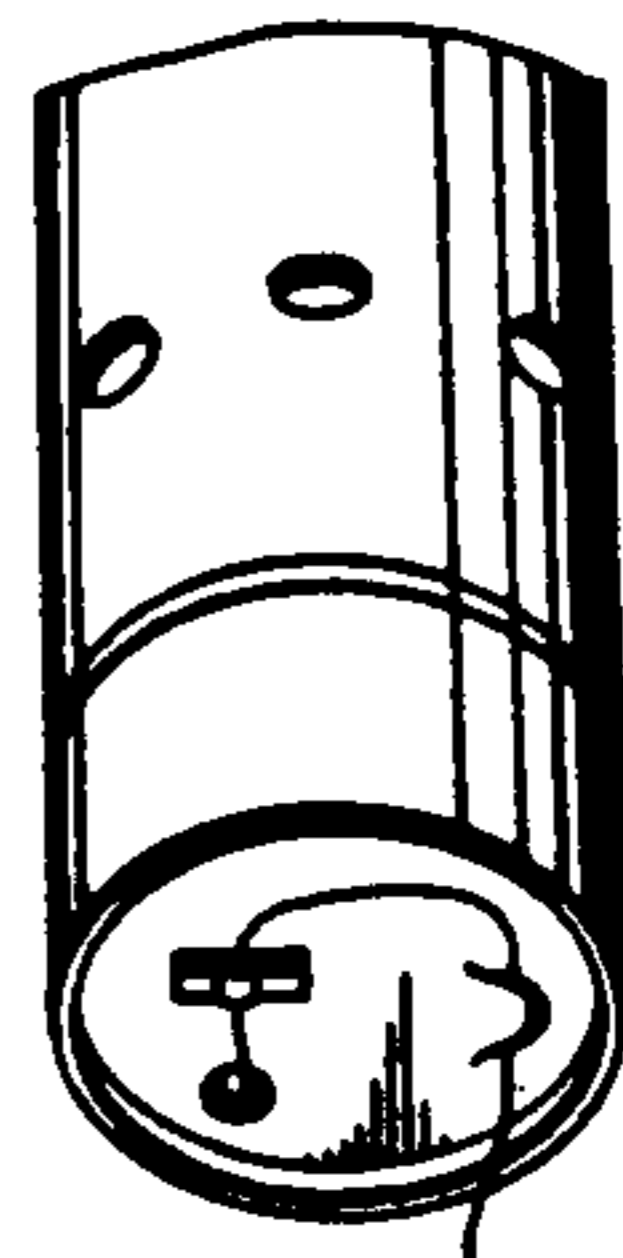
Fig. 13.



Fig. 12.



Fig. 14.



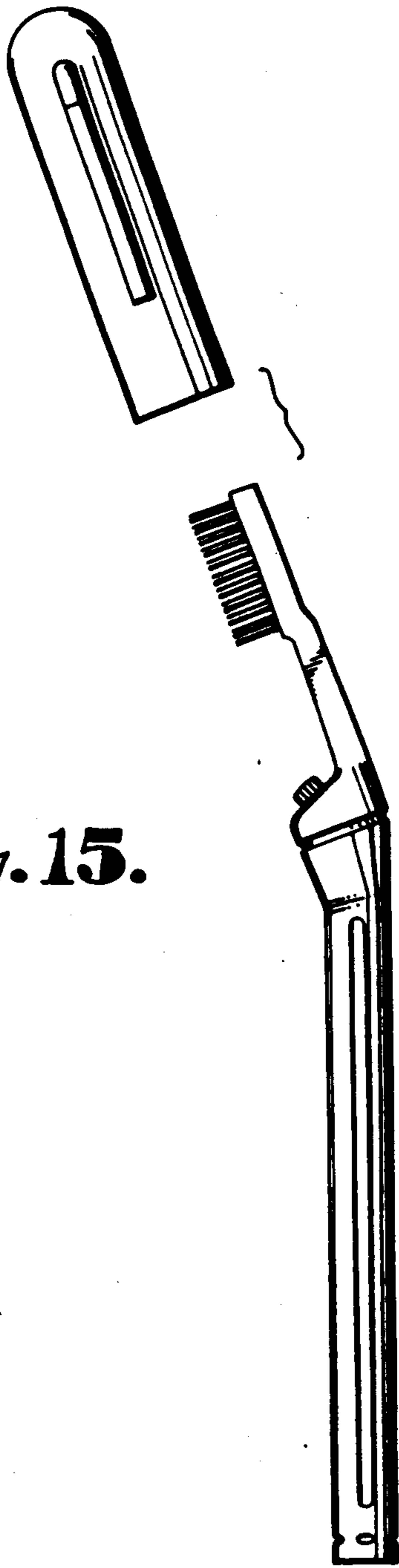


Fig. 15.

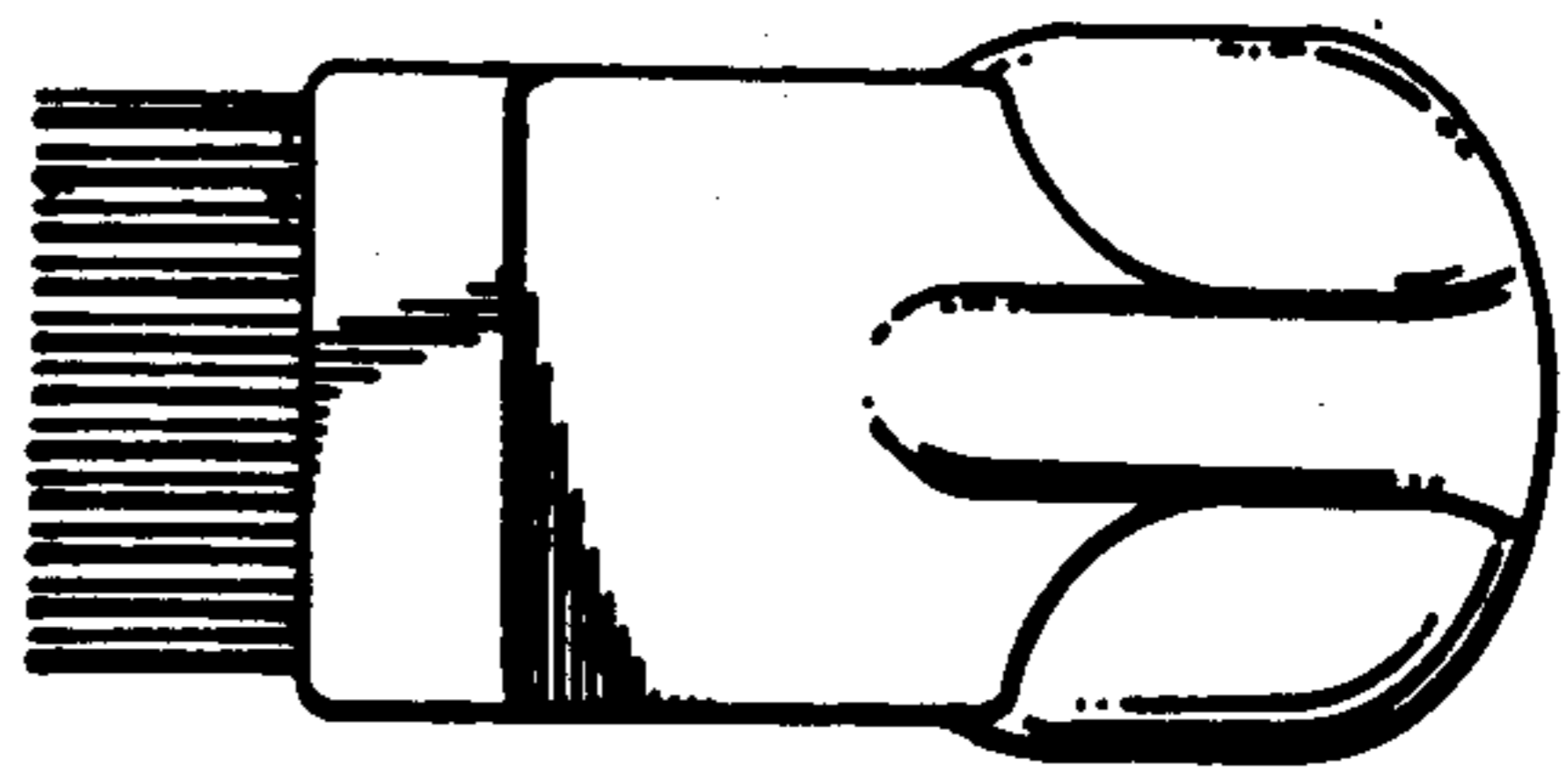


Fig. 16.



Fig. 17.

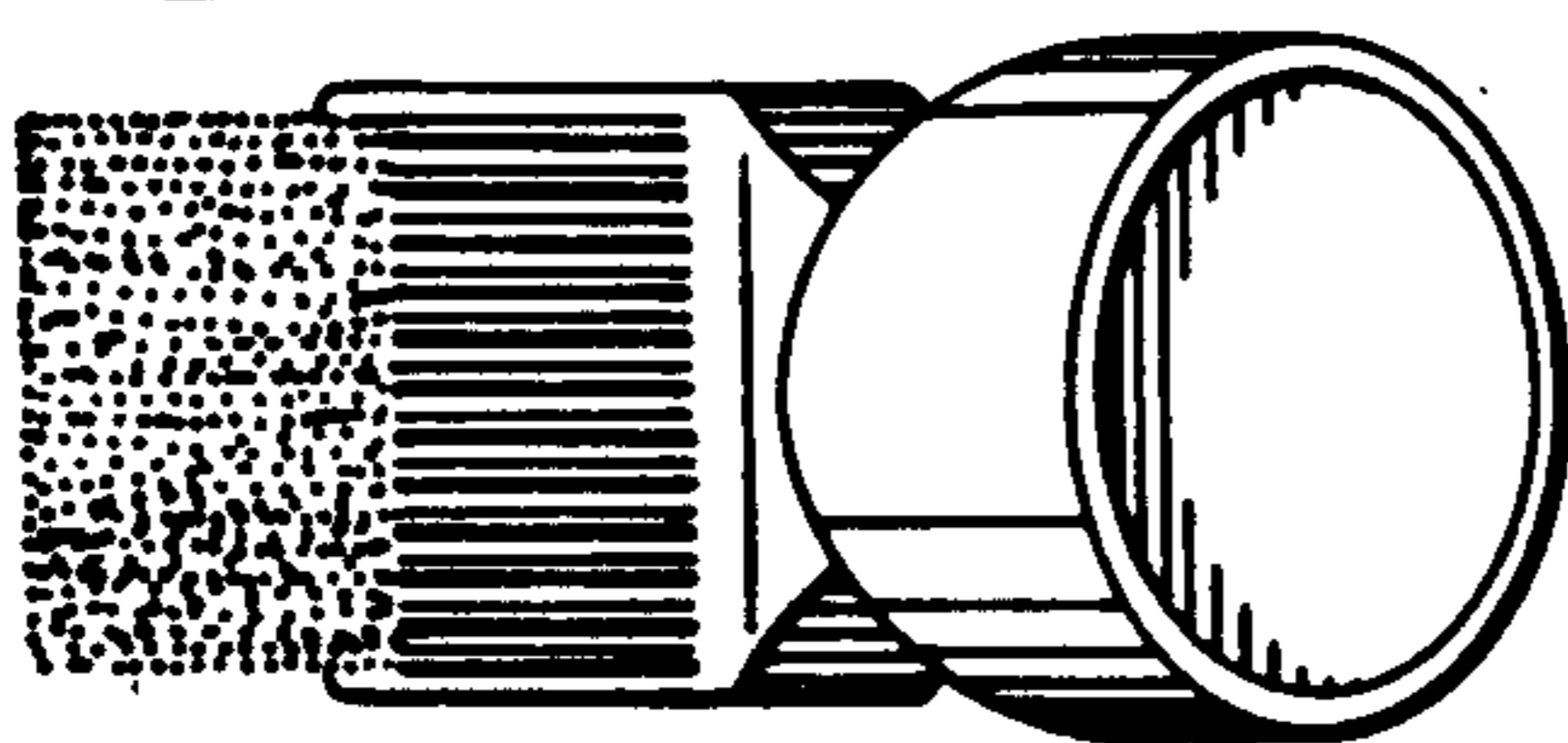


Fig. 18.



Fig. 19.

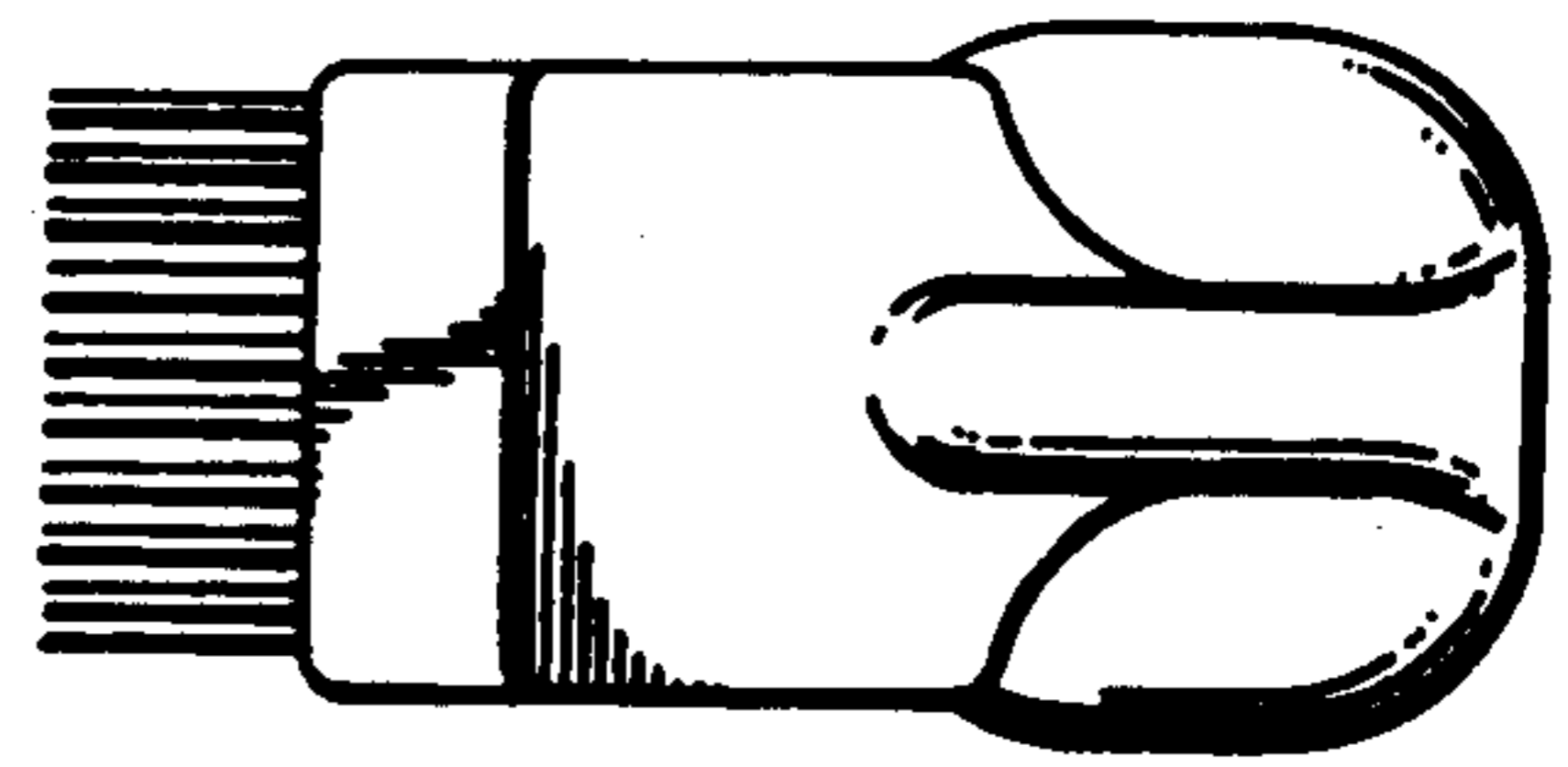


Fig. 20.



Fig. 21.

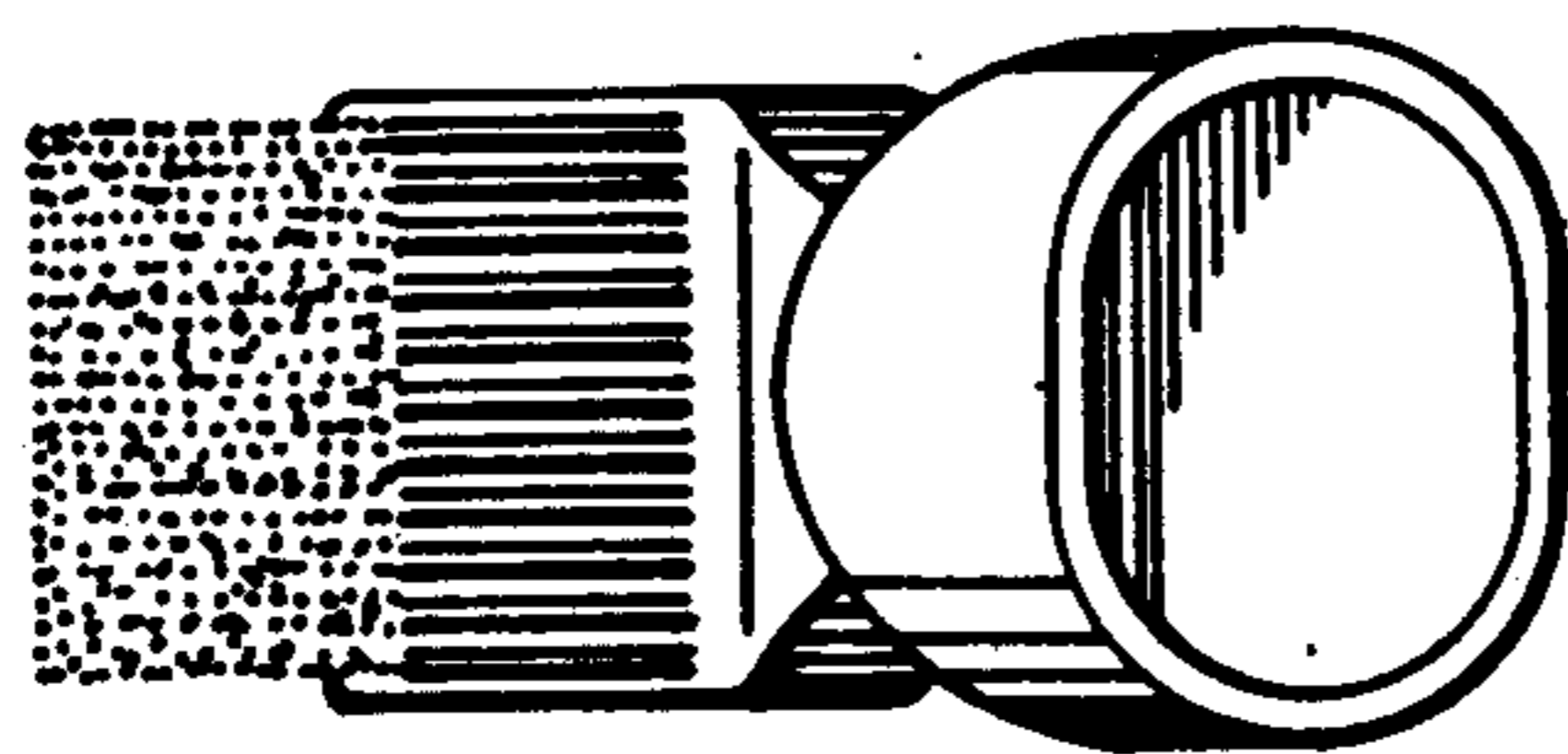


Fig. 22.