

No. 618,306.

Patented Jan. 24, 1899.

R. E. WEIMER & A. H. KIRKLAND.

CUSPIDOR.

(Application filed Nov. 18, 1897.)

(No Model.)

Fig. 1.

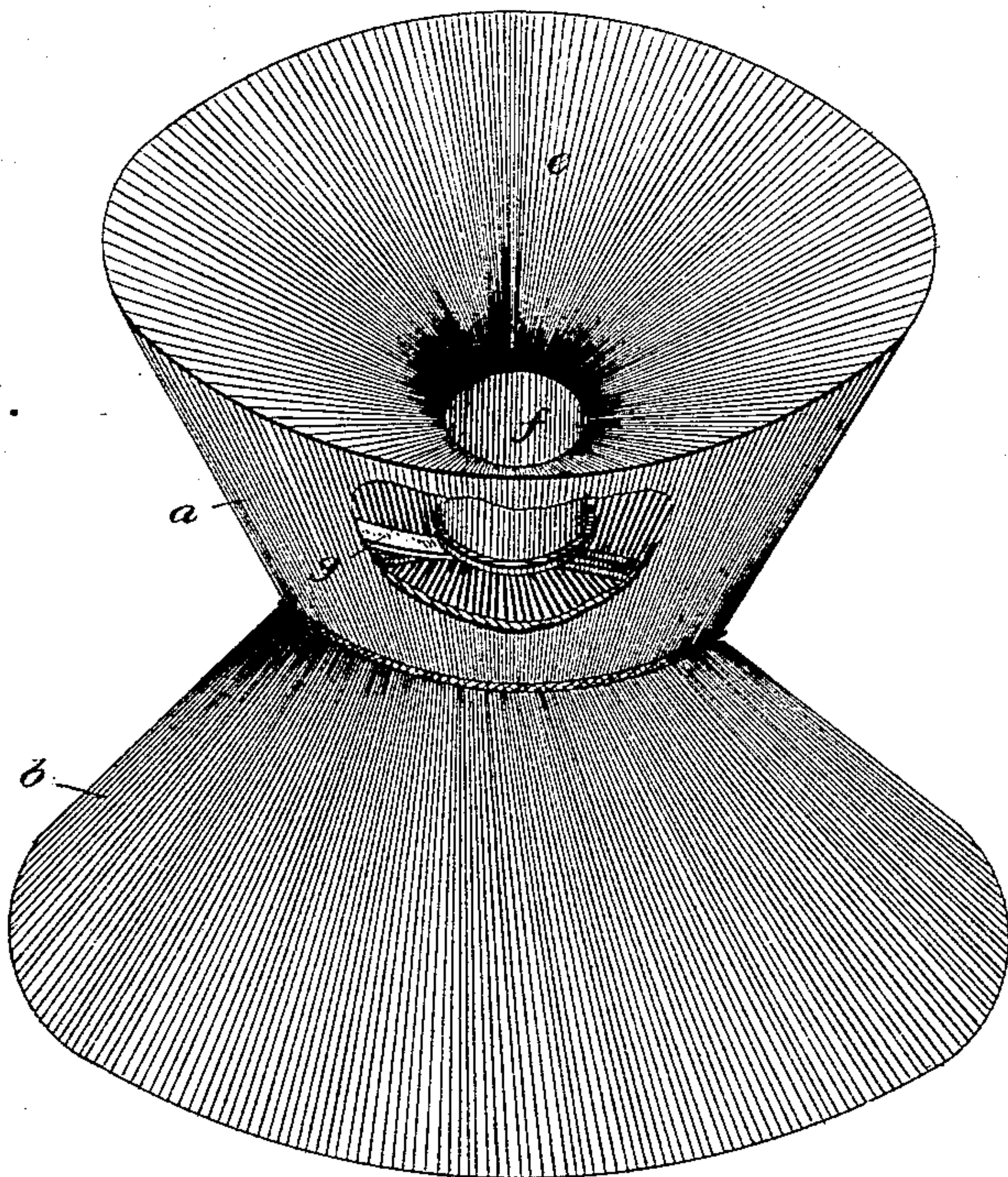


Fig. 2.

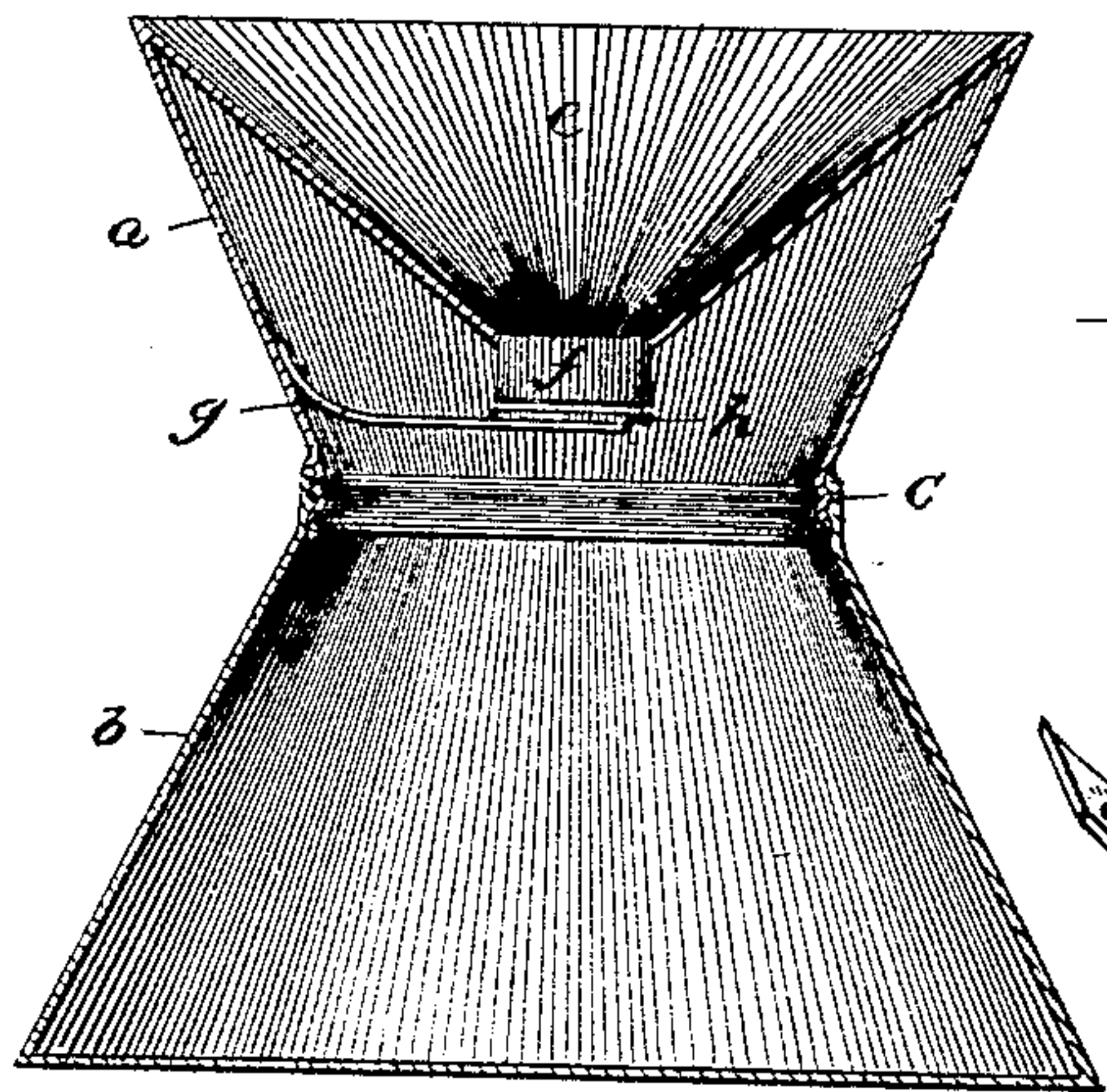
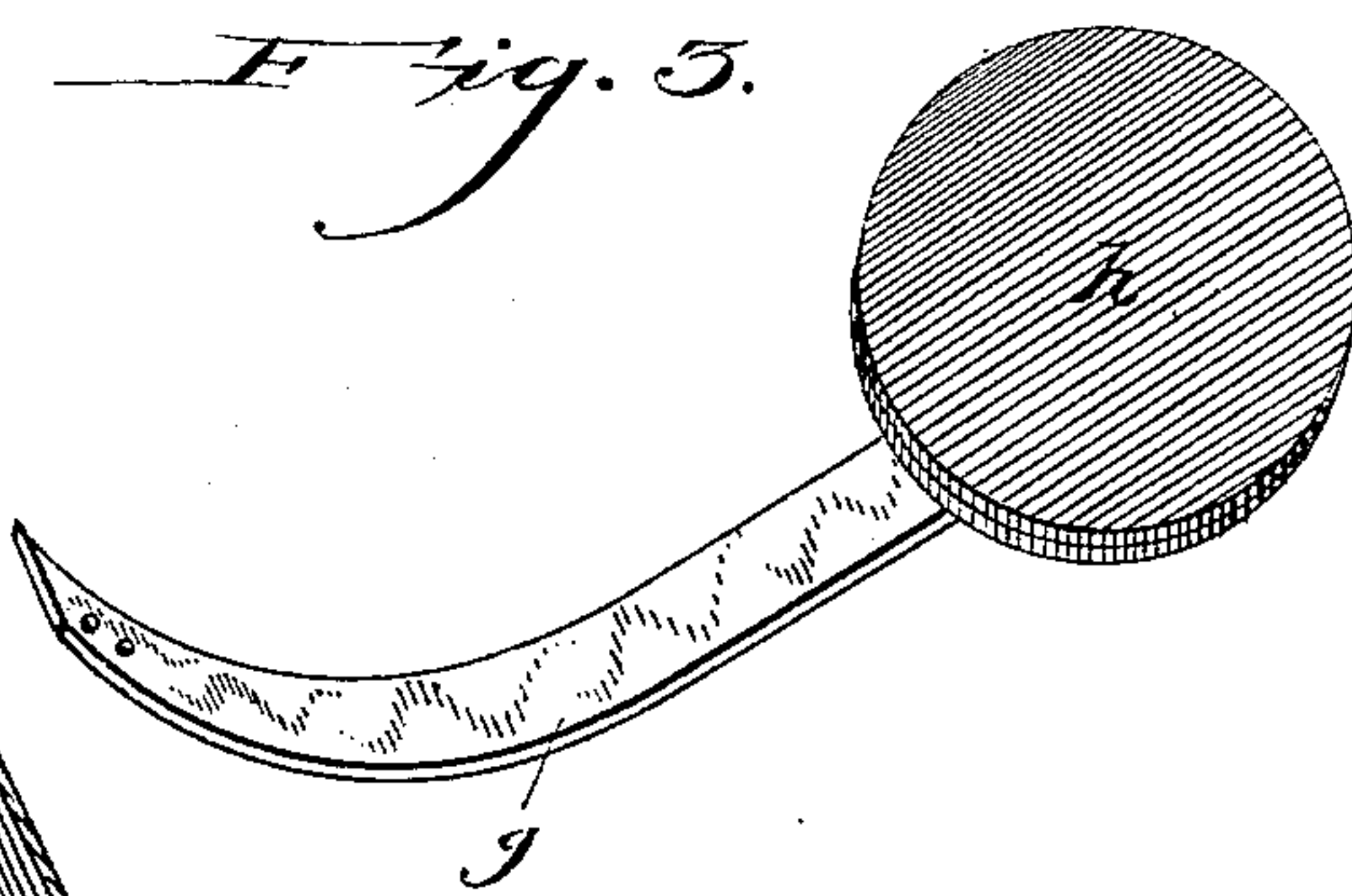


Fig. 3.



WITNESSES

J. P. Appleman
A. M. Wilson

INVENTORS

Robert E. Weimer
Asa H. Kirkland

BY

Henry C. Everett
ATTORNEY.

UNITED STATES PATENT OFFICE.

ROBERT E. WEIMER AND ASA H. KIRKLAND, OF BOSTON, PENNSYLVANIA.

CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 618,306, dated January 24, 1899.

Application filed November 18, 1897. Serial No. 658,886. (No model.)

To all whom it may concern:

Be it known that we, ROBERT E. WEIMER and ASA H. KIRKLAND, citizens of the United States of America, residing at Boston, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in cuspidors, and has for its object to arrange a cuspidor which when tilted or upset will retain its contents and prevent the same from being spilled.

15 The invention further aims to construct a cuspidor of this class to which access can be readily had for emptying and cleansing the same when desired; and it further resides in the novel construction, combination, and arrangement of parts, to be hereinafter more specifically described, and particularly pointed out in the claim.

20 In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like letters of reference indicate similar parts throughout the several views, in which—

25 Figure 1 is a perspective view of our improved cuspidor, partly broken away. Fig. 2 is a vertical sectional view. Fig. 3 is a perspective view of a flap-valve which prevents the contents from spilling.

30 Our improved cuspidor is constructed of two approximately similar sections *a* and *b*, which are practically cone-shaped in form and with a rim at the apex or bottom of the section *a*, provided with an exterior screw-thread *c*, while the rim at the apex or top of the section *b* is provided with an interior screw-thread to receive the exterior screw-thread of the section *a*. The upper section *a* of the cuspidor is provided with a funnel *e*, which terminates in a spout or pipe *f*, extending downwardly into the cuspidor. Secured to

the inner face of the section *a* is a flat spring *g*, carrying on its outer end a disk or plate *h*, adapted to rest against the lower end of the spout or pipe *f* and close the same. Thus as the funnel *e* drains into the spout *f* the weight of the contents within this spout will serve to depress the disk *h*, so as to permit the contents to pass to the lower section or base *b* of the cuspidor, and when the weight upon the disk *h* is relieved the spring *g* will serve to force the same into contact with the lower end of the spout and prevent the contents of the cuspidor from being spilled should the same be tilted or upset.

It will be noted that various changes may be made in the details of construction without departing from the general spirit of our invention.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

65 A cuspidor comprising two approximately cone-shaped sections, each of said sections being provided with screw-threads at their smaller ends whereby the sections are secured together, a funnel secured to the upper end of the upper section and inclosed thereby, the surfaces of said section and funnel being on different angles, said funnel terminating in a spout or pipe *f*, a spring secured to the inner face of the upper section, and carrying on its free end a disk or plate, said spring normally holding the plate against the spout or pipe *f*, whereby the same is closed to prevent the waste of the contents of the cuspidor when the same is overturned, substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

ROBERT E. WEIMER.
ASA H. KIRKLAND.

Witnesses:

JOHN E. HEATH,
GEO. L. GOODMAN.