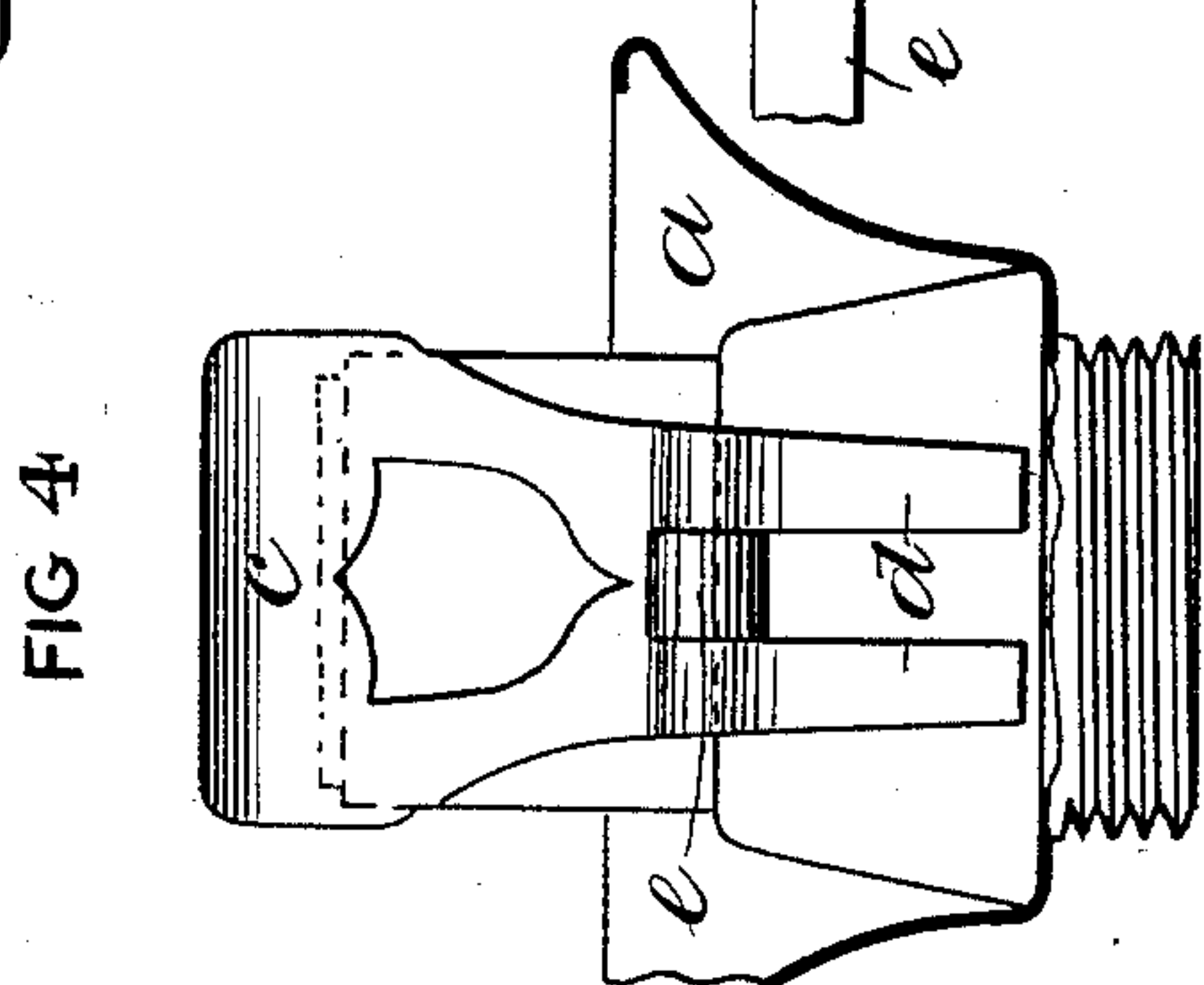
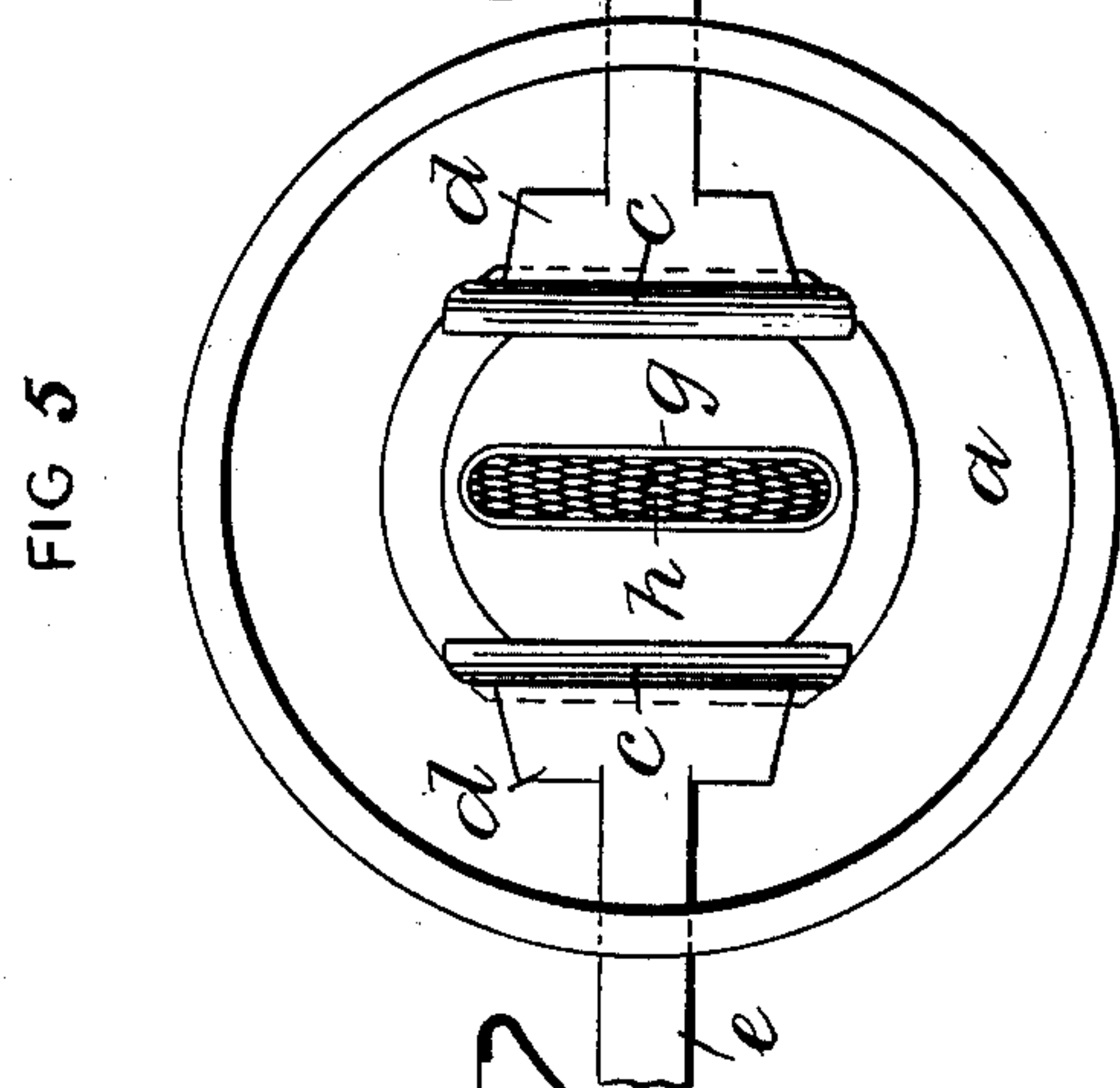
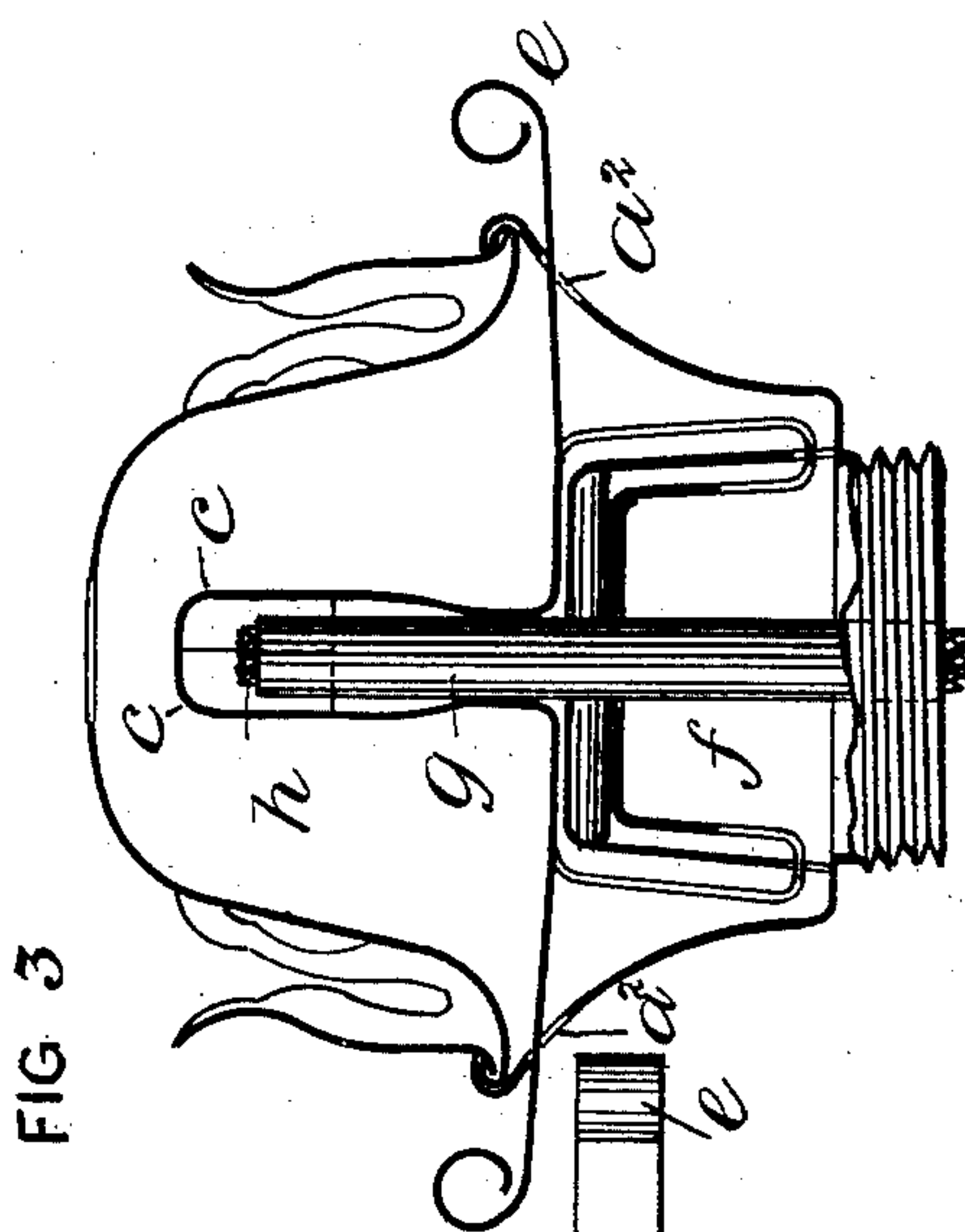
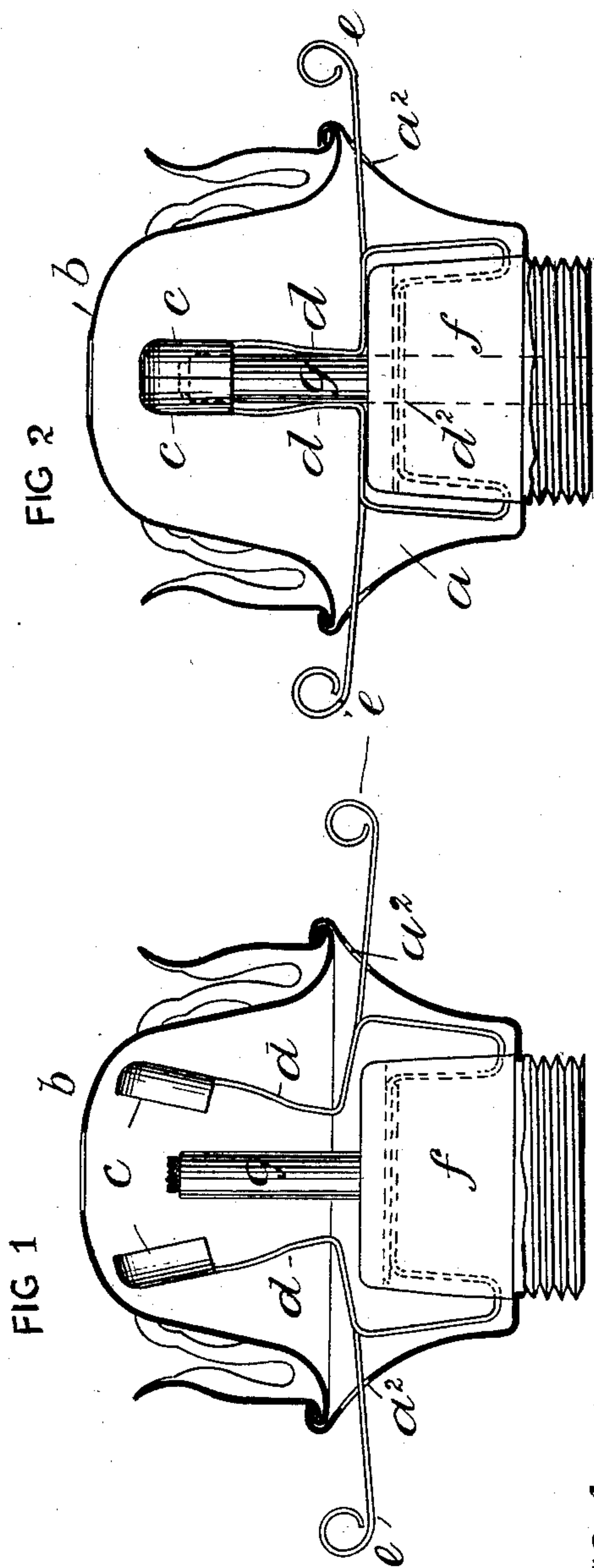


(No Model.)

F. R. BAKER.
LAMP EXTINGUISHER.

No. 359,123.

Patented Mar. 8, 1887.



WITNESSES
Henry Sherrett
Wiles C. Hughes

INVENTOR
Francis Robert Baker
Connolly Bros. Attys.

UNITED STATES PATENT OFFICE.

FRANCIS ROBERT BAKER, OF BIRMINGHAM, COUNTY OF WARWICK, ASSIGNOR
TO EVERED & COMPANY, (LIMITED,) OF LONDON, ENGLAND.

LAMP-EXTINGUISHER.

SPECIFICATION forming part of Letters Patent No. 359,123, dated March 8, 1887.

Application filed December 31, 1886. Serial No. 223,072. (No model.) Patented in England September 24, 1886, No. 12,130.

To all whom it may concern:

Be it known that I, FRANCIS ROBERT BAKER, a subject of the Queen of Great Britain, residing at Arcade Chambers, Snow Hill, Birmingham, England, engineer, have invented Improvements in Extinguishers for Hydro-carbon and other Lamps, (for which I have applied for Letters Patent in Great Britain, dated September 24, 1886, and numbered 12,130,) of which the following is a specification.

This invention has relation to extinguishers for lamps; and it consists in the novel construction and combination of devices, as hereinafter described, and specifically claimed.

Figure 1 represents in side elevation, partly in vertical section, a lamp-burner provided with extinguishing mechanism constructed according to my invention. (Extinguishers shown out of use.) Fig. 2 represents in elevation the same with the extinguisher in use or with the half extinguisher-boxes closed upon the flame and burning part of the wick for extinguishing. Fig. 3 is a vertical section of the extinguisher as in Fig. 2. Fig. 4 is a side elevation of the extinguisher with the upper portion of the lamp-burner removed. Fig. 5 is a plan of Fig. 1.

a is the body part of the burner, and *b* the cone with flame-slit, said parts being of ordinary construction.

c c are extinguisher half-boxes, placed at the upper extremities of cranked or bent spring-arms *d d*, and having connected therewith pushers or pusher-arms *e e*, by which means the arms *d*, which proceed upward from the base of the body of the lamp, are closed for extinguishing the flame.

In order to give to the arms *d* the necessary springy action for their automatic opening out after extinguishing the flame, I secure the lower ends, *d*², of the said arms under the block-cone *f*, which is at the base of the body of the burner and surrounds the wick-tube, (marked *g*), and through which the wick *h* passes. The pusher-arms *e e*, spring arms or limbs *d*, and extinguisher half-boxes *c c* are cut out of and shaped from a single piece of sheet metal, although the said parts may be made separately and attached together by soldering or otherwise. The pusher-arms *e e* pass through holes *a*² in the burner-body.

To extinguish a lamp, press the pusher-arms *e e* in opposite directions by the thumb and finger, when the extinguisher half-boxes *c c* are brought together and closed upon the end of the wick-tube and wick, thereby extinguishing the flame of the lamp. After extinguishing the flame the pusher-arms *e e* are liberated, and the extinguisher half-boxes *c c* and arms *d*, with pushers *e*, automatically open out, as shown at Fig. 1.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with a lamp-burner, of an extinguisher consisting of two sections, each comprising a half-box extinguisher, *c*, spring-arm *d*, and hand-piece *e*, made integral or in one piece, substantially as described.

Signed this 4th day of November, 1886.

FRANCIS ROBERT BAKER.

Witnesses:

HENRY SKERRETT,

MILES E. HUGHES,

Both of Birmingham.