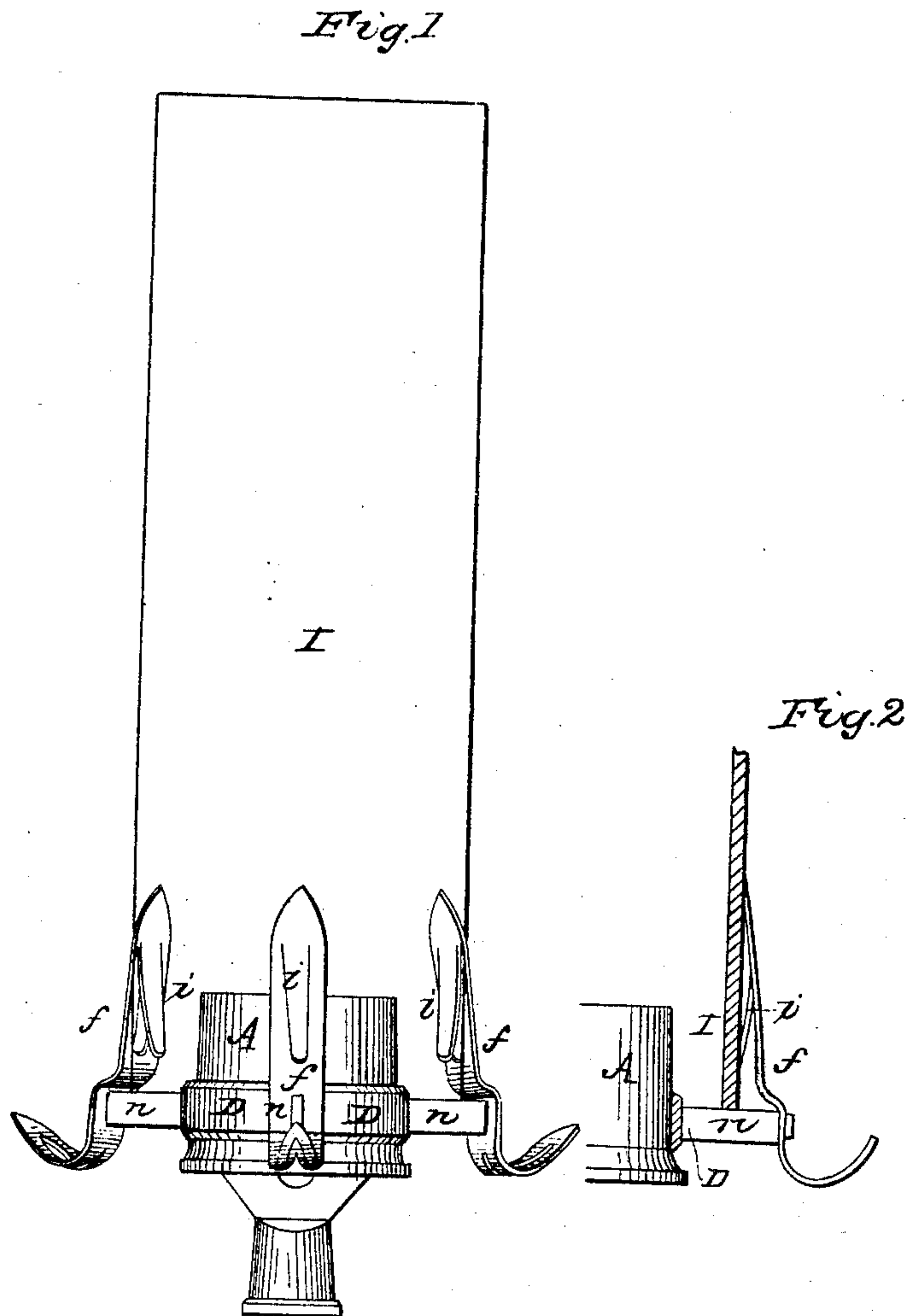


E. P. GLEASON.
Chimney Holder for Gas Burners.

No. 59,588.

Patented Nov. 13, 1866.



WITNESSES

Wm. A. McKenney
Jm. Kenney

INVENTOR

Elliott P. Gleason
by his Atty
James A. Brommer

UNITED STATES PATENT OFFICE.

ELLIOTT P. GLEASON, OF NEW YORK, N. Y.

IMPROVEMENT IN CHIMNEY-HOLDERS FOR GAS-BURNERS.

Specification forming part of Letters Patent No. 59,588, dated November 13, 1866.

To all whom it may concern:

Be it known that I, ELLIOTT P. GLEASON, of the city, county, and State of New York, have invented a new and useful Improvement in Chimney-Holders for Lighting Apparatus; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is an elevation of my improved chimney-holder applied to an Argand gas-burner, and Fig. 2 is a section of the same.

Similar letters mark like parts in both figures.

The chimney-holder, as represented, consists of a ring, D, fitting the body A of the gas-burner, with a number of radial arms, *n n n*, for supporting the weight of the chimney, and at the end of each arm a spring, *f*, which bears against the chimney I, to hold it securely in its place over the gas-burner; and the invention consists of a holding-spring constructed with a spring-tongue, *i*, or second spring, the free

end of which extends in an opposite direction from the holding-spring, with the free ends of both bearing against the side of the chimney, for the purpose of giving it additional steadiness on the holder, and at the same time afford a wider range of expansion to the glass.

The second spring, *i*, is best formed by punching it in form from the body of the spring *f*, in the manner shown, whereby the stiffness of the spring *f* is reduced, and the pressure of the two springs on the chimney is in a measure equalized; but the spring *i* may be formed of a separate piece and riveted to the spring *f*, which may be so reduced in size at the proper point as to produce the same equalizing effect.

What is claimed as my invention is—

The equalizing-spring for chimney-holders, constructed substantially as described.

ELLIOTT P. GLEASON.

Witnesses:

J. M. GLEASON,
C. R. WALKER.