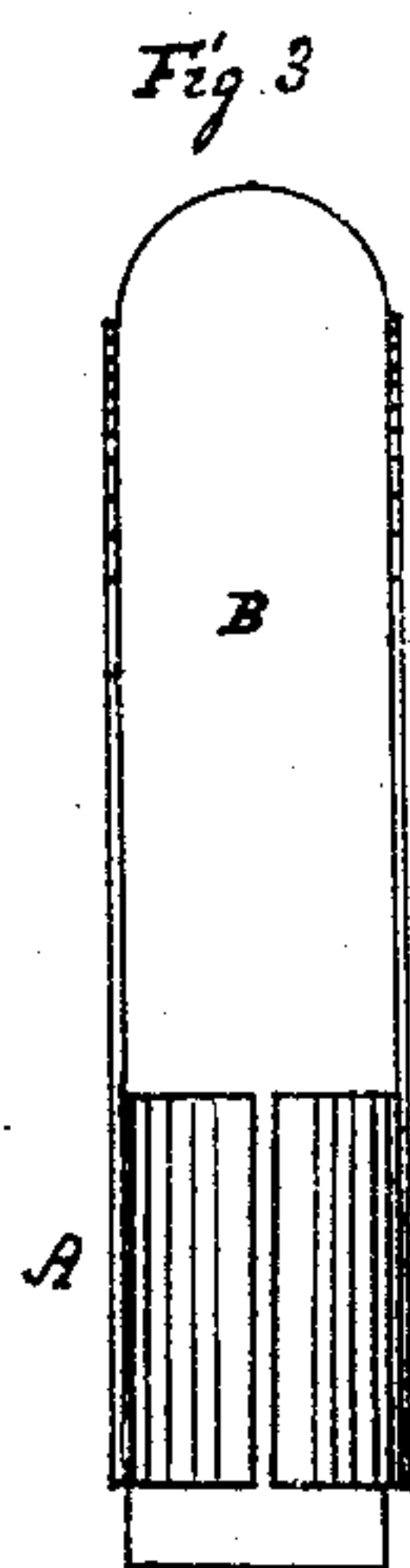
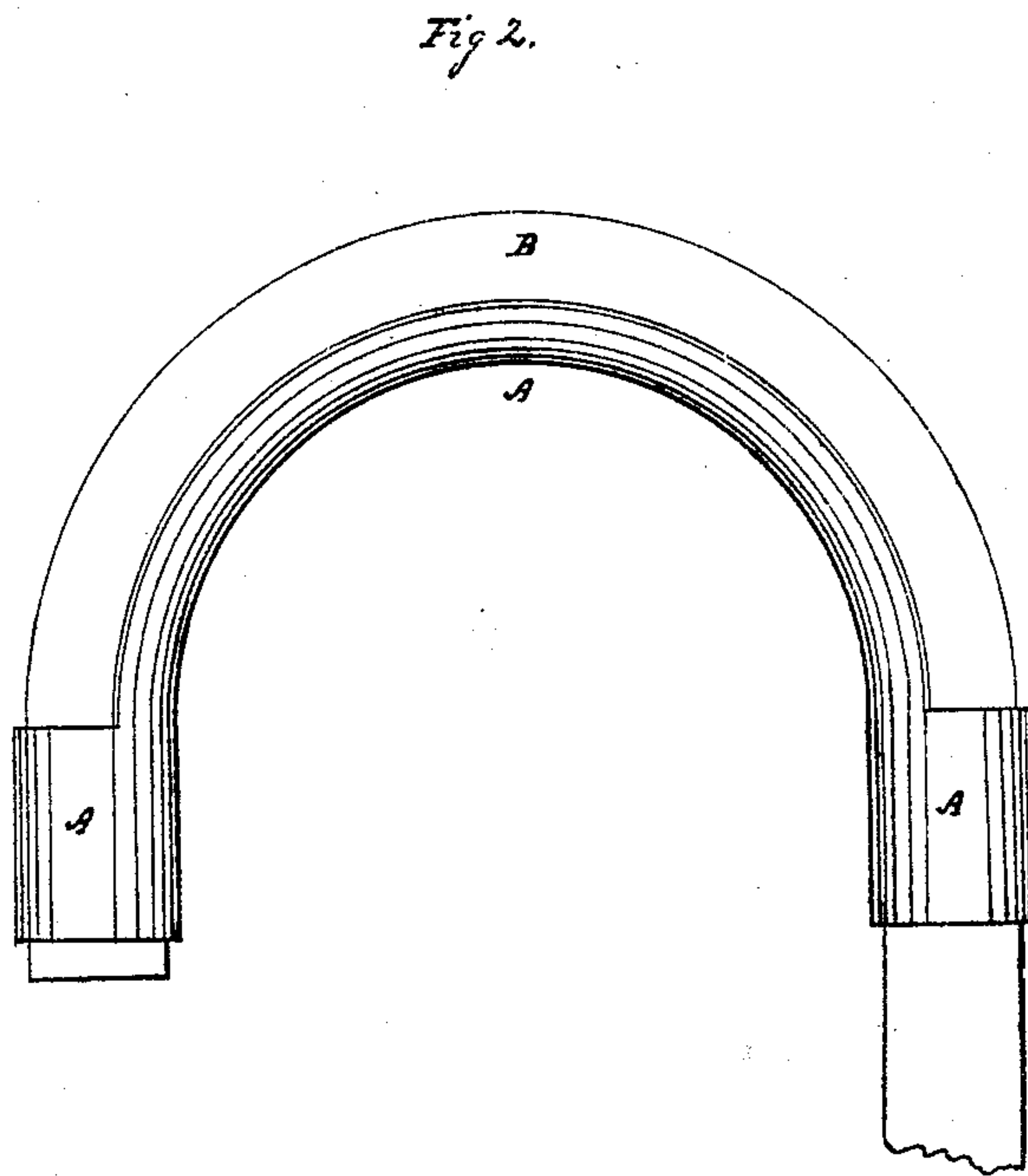
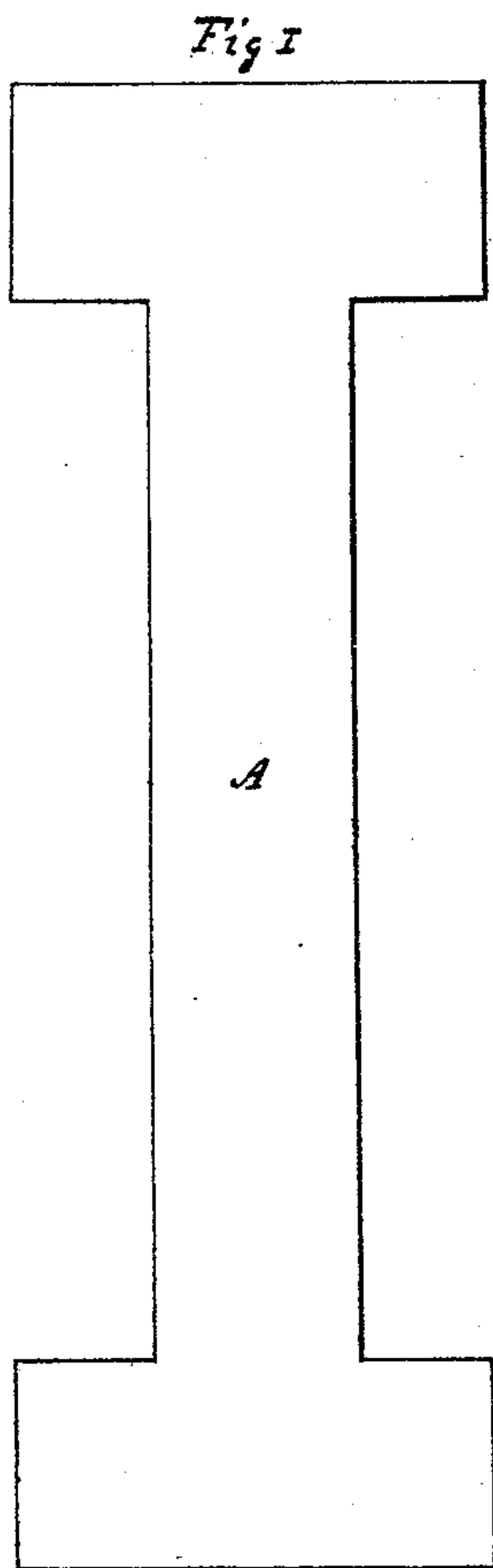


ALBERT HONSINGER.
Flexible Gas Tube Support.

No. 124,897.

Patented March 26, 1872.



Witnesses

Hiram Barber
F. F. Warner

Inventor

Albert Honsinger
By Girdley & Warner
his attys

UNITED STATES PATENT OFFICE.

ALBERT HONSINGER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN FLEXIBLE GAS-TUBE SUPPORTS.

Specification forming part of Letters Patent No. 124,897, dated March 26, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, ALBERT HONSINGER, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Flexible Gas-Tube Supports, of which the following is a full, clear, and exact specification, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming part hereof, in which—

Figure 1 represents a top or plan view of a piece of sheet metal stamped or cut in a form suitable for the operation of bending required to complete my device. Fig. 2 represents a side elevation of my completed device supporting a flexible gas-tube, and Fig. 3 represents a front elevation of the same.

Nature and Object of my Invention.

My invention relates to that class of flexible gas-tube supports which are designed to support the tube near its point of attachment to the burner, in order to prevent the weight of the tube from bending it at such an angle as to prevent a free flow of gas through it. My invention has for its object the accomplishment of the same result, and also to make a gas-tight joint at the point of contact of the tube with the burner; and to that end my invention consists in making a support in one piece, bent in such a form as to produce the desired result, as will be hereafter more fully described.

General Description.

In the drawing, A represents the support which is made of any suitable sheet metal, preferably of brass. B represents a flexible

gas-tube, made of India rubber or other suitable flexible material. A in Fig. 1, represents a form in which the metal may be stamped or cut from the sheet; but I do not limit myself to the precise form there shown, as the form may be considerably varied and the same result thereby accomplished, as will be obvious from an inspection of Figs. 2 and 3. A in Figs. 2 and 3 represents the plate above described after it is arched and bent to conform to the shape of the tube. The wings at the ends of the plate are brought around the tube in the manner shown, so as to firmly compress the latter and keep the tube from slipping in the support, and by thus firmly pressing the end of the tube into which the burner is inserted a more perfect gas-joint is formed, the rubber acting as a packing, and the metal preventing the loosening of the rubber upon the burner by reason of its elasticity becoming impaired, or from any cause whereby the gas is allowed to escape between the tube and the burner. In making the supports I prefer the use of sheet-brass, for the reason, among others, that it is somewhat flexible, and I leave the edges of the wings disconnected, as shown in Fig. 3, so that the flexibility of the metal may be utilized in pressing the tube.

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

The support for flexible gas-tubes, constructed substantially as and for the purposes specified.

The foregoing specification signed by me this 5th day of January, A. D. 1872.

ALBERT HONSINGER.

Witnesses:

N. C. GRIDLEY,
F. F. WARNER.