

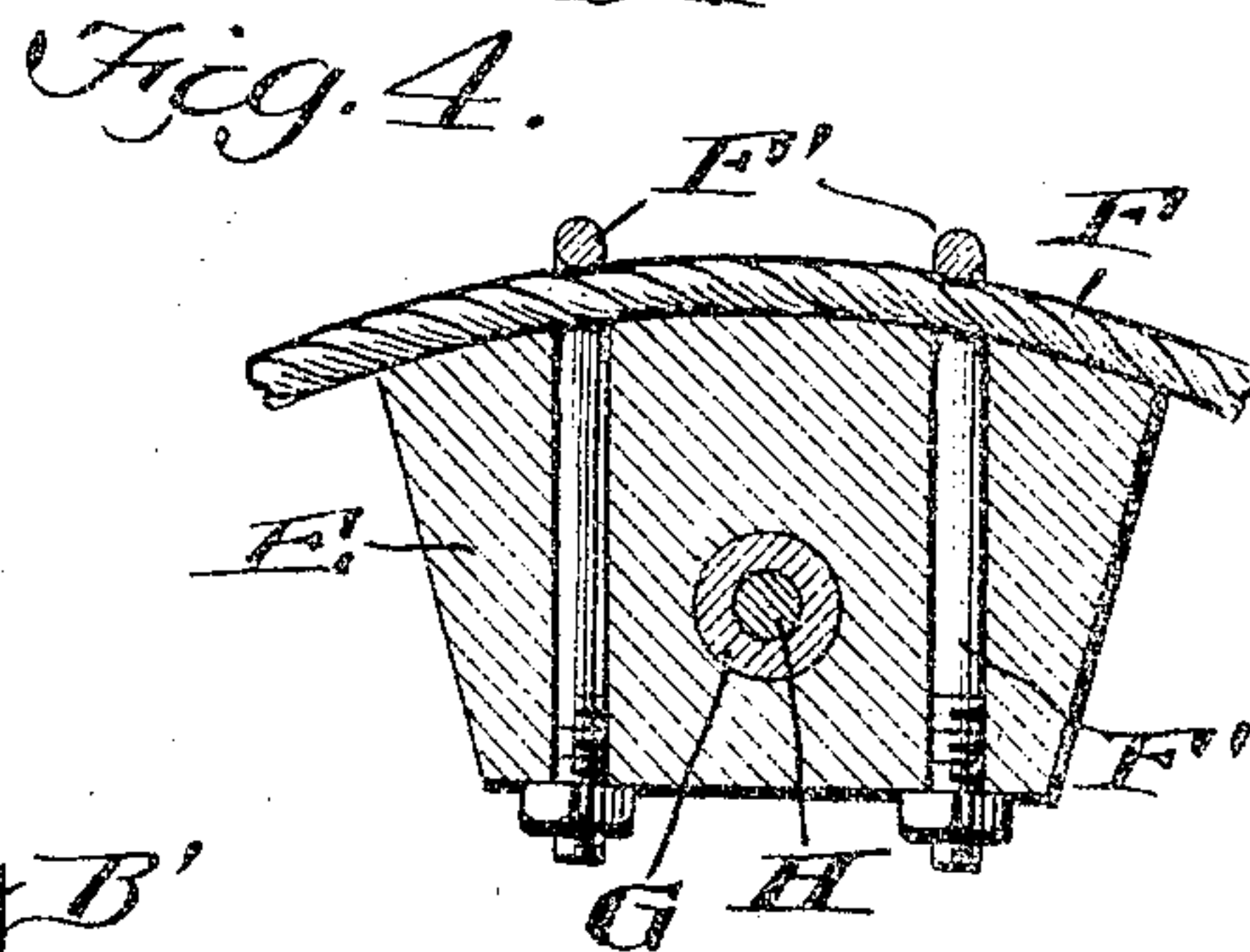
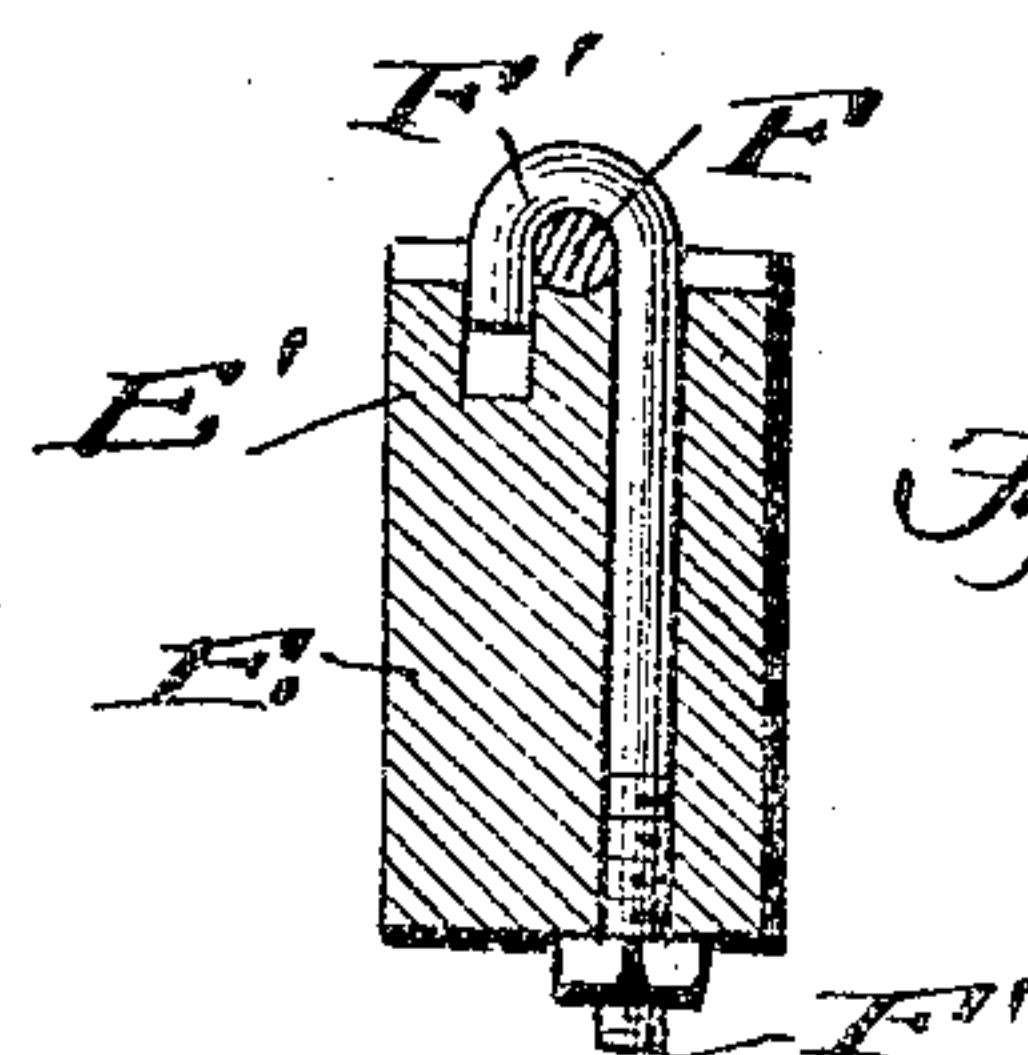
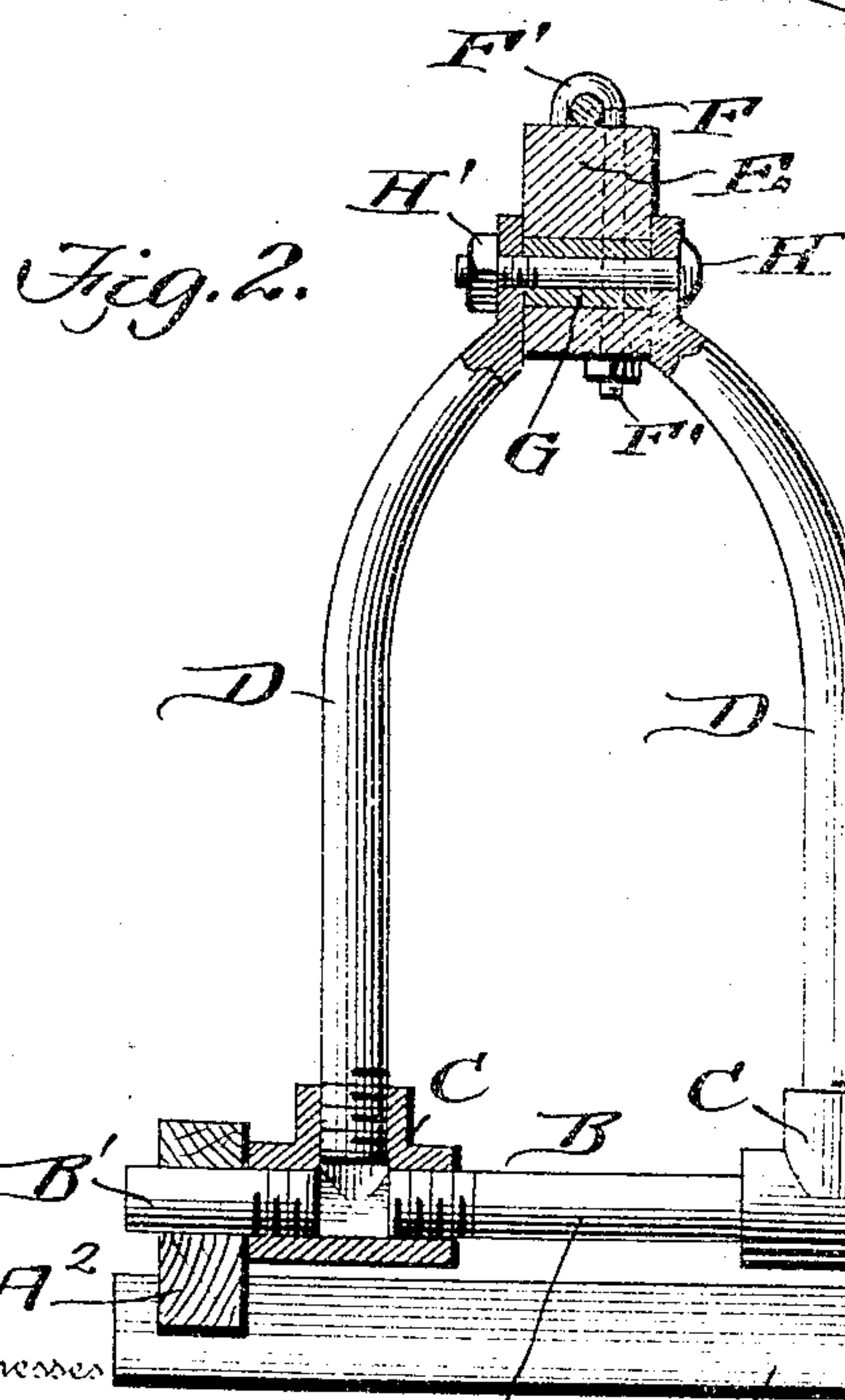
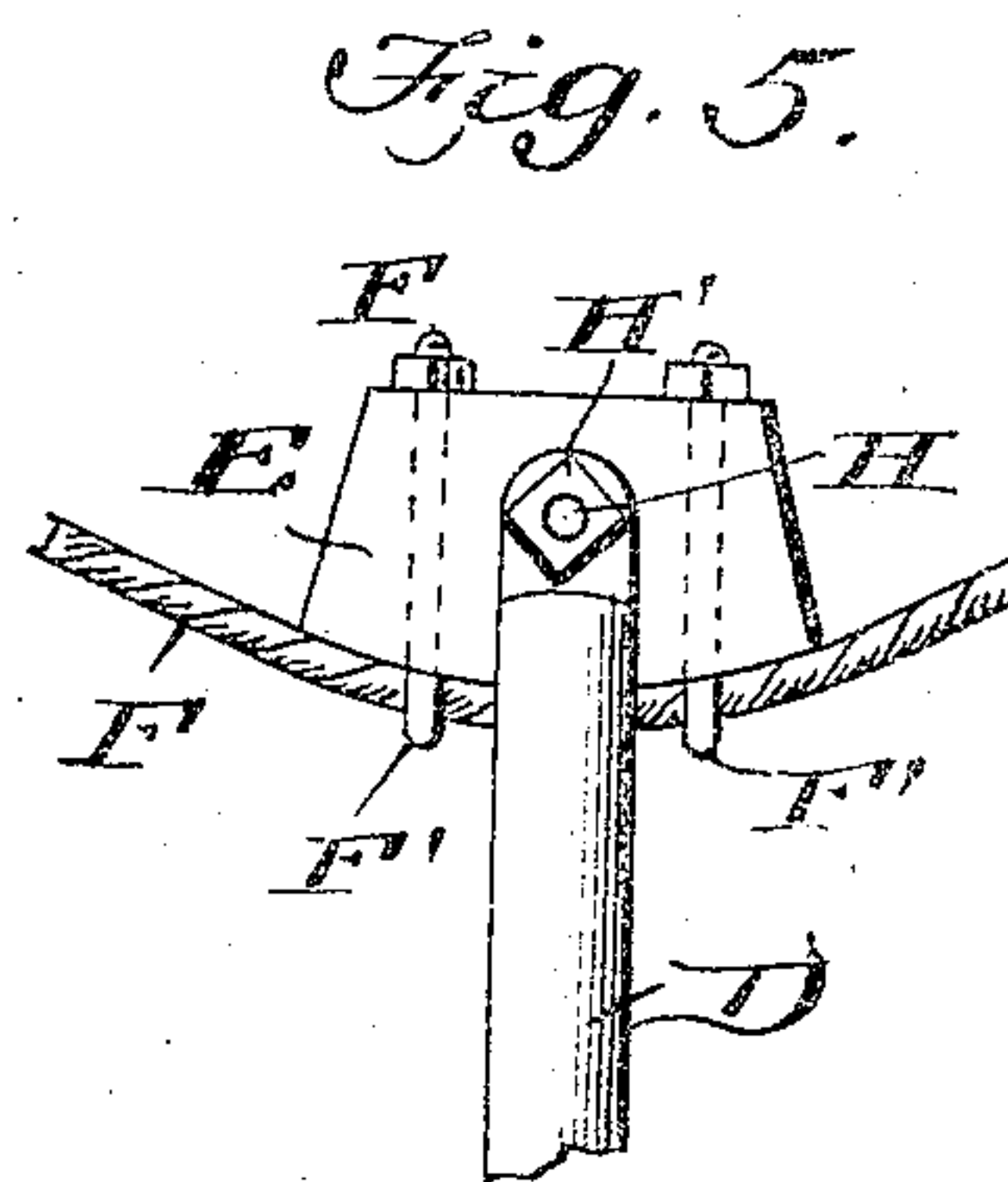
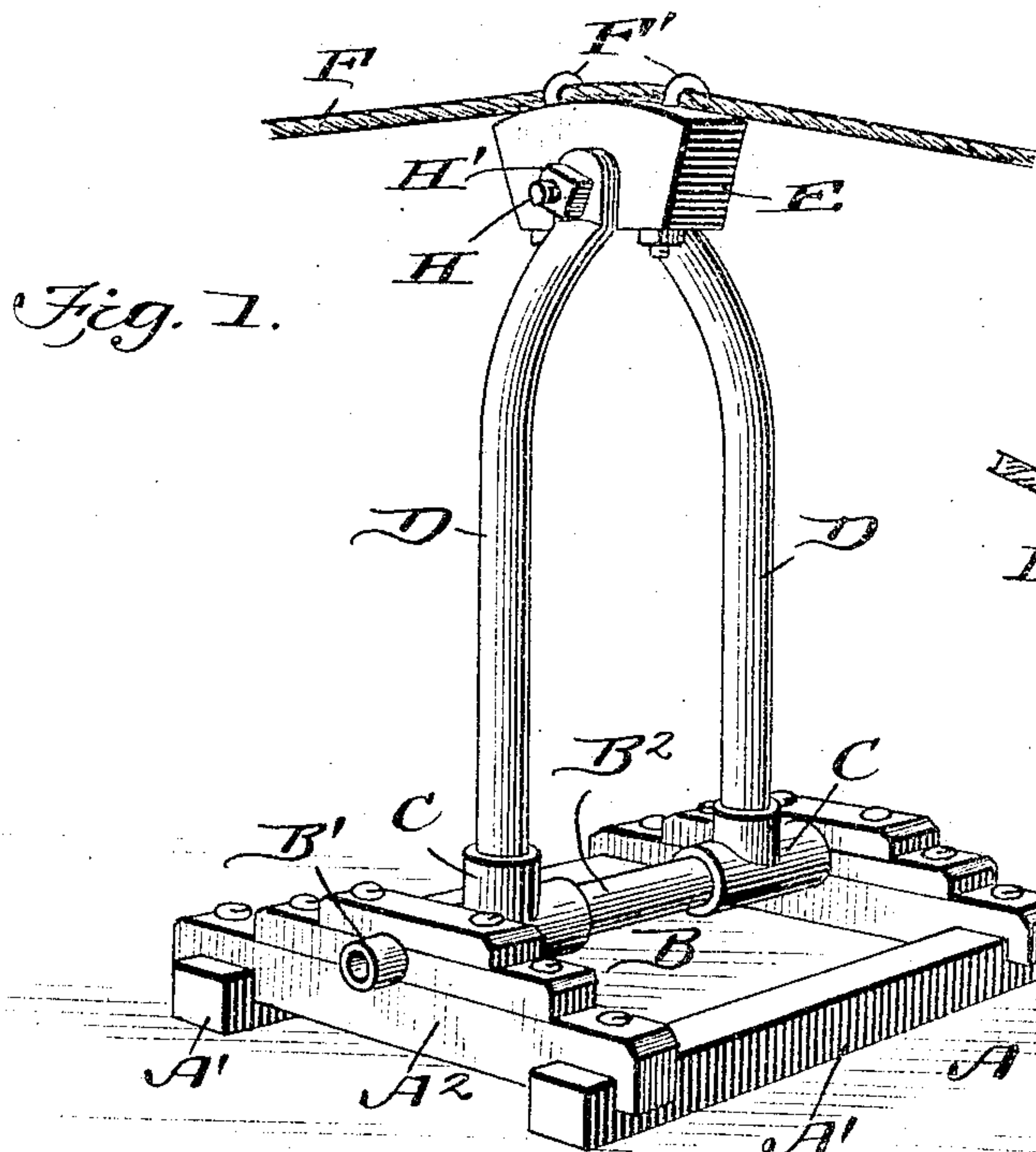
No. 765,886.

PATENTED JULY 26, 1904.

J. K. GANO.
CABLE SUPPORT.

APPLICATION FILED DEC. 12, 1903.

NO MODEL.



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CABLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 765,886, dated July 26, 1904.

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To all whom it may concern:

Be it known that I, JOHN K. GANO, a citizen of the United States, residing at Griffith, in the county of Monroe and State of Ohio, have invented a new and useful Cable-Support, of which the following is a specification.

My invention is designed for supporting and holding the power wire or cable in oil-well pumping-machines and is intended to take the place of the usual "side irons," as the latter have been found objectionable in many respects.

The object of my device is to provide a support that is strong, durable, and cheap, one which is easy of adjustment, one in which there are no parts to get out of order or requiring adjustment after it has been set up, and one in which the cable or wire will be allowed a certain longitudinal movement, and with these objects, briefly stated, in view my invention comprises certain details of construction and novelties of combination and arrangement, as will be described and shown.

In the drawings forming a part of this specification, Figure 1 is a perspective view. Fig. 2 is a sectional view with parts in elevation of my improvement. Figs. 3 and 4 show details of construction. Fig. 5 is a detail side elevation showing the cable-block inverted.

Referring to the drawings, A designates a suitable base or support that is composed of the cross-bars A^1 and A^2 , which are preferably arranged to form a rectangular base, and upon the bars A^2 is journaled a rocking shaft B, that is preferably constructed of three pieces B^1 , B^2 , and B^3 , the said pieces being held in rigid alinement by T-couplings C, into which the said sections are threaded, and also threaded into the coupling are the uprights D D, which extend at right angles from the rocking shaft B and have their outer ends converging, their extreme ends being flattened and perforated, as clearly shown in Fig. 2 of the drawings.

Between the flattened ends of the arms is held a block E, whose upper or outer surface is convexed and upon which is firmly clamped the power wire or cable F by means of hook-bolts F' . Into this block is fitted a sleeve G, through which passes a bolt H, that also passes

through the perforated ends of the uprights D and which holds the block in place. A nut H' is threaded upon the bolt for locking it in position. By reference to Fig. 3 of the drawings it will be seen that the hook-bolts F' operate in recesses E' in the block, which permit the hooks being drawn into the block and the cable firmly clamped thereto.

By arranging a support as shown and described it will be seen I provide a very simple and cheap construction that requires no attention whatever after it has been once set in place and the cable fastened thereto, and by arranging the parts as described the device can be constructed of ends or scraps of tubing, which is a very important item, as a number of the supports are necessary for each apparatus, and their cost is considerable when constructed of specially-made castings. It will be further seen that by journaling the shaft and block I obtain two independent movements at each longitudinal movement of the cable, which allows the latter to move freely and prevents a strain and wear upon the several parts.

It will of course be understood that the support may be held in any position and that the arms may be arranged to depend from the base, if found necessary, and that the block E may be inverted, as shown in Fig. 5, the cable passing under the block instead of over it.

The uprights D may be arranged at any desired angle, and the tubular portions may be of any size of pipe and may be made of old gas-pipe, if desired.

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

1. In a device of the kind described, the combination with a base, of the shaft journaled therein, and having uprights detachably secured thereto, said uprights having their outer ends bent inwardly and their extreme ends flattened and perforated, a bolt passing through the said perforations, a sleeve arranged upon the bolt, a block held upon the sleeve, said block having its outer face convexed and having bolt-openings arranged therein, and recesses arranged adjacent the bolt-openings, said bolt-openings and recesses being arranged upon opposite sides of the said sleeve, and hook-

