

(No Model.)

A. J. SPICER.

HOD IRON.

No. 301,765.

Patented July 8, 1884.

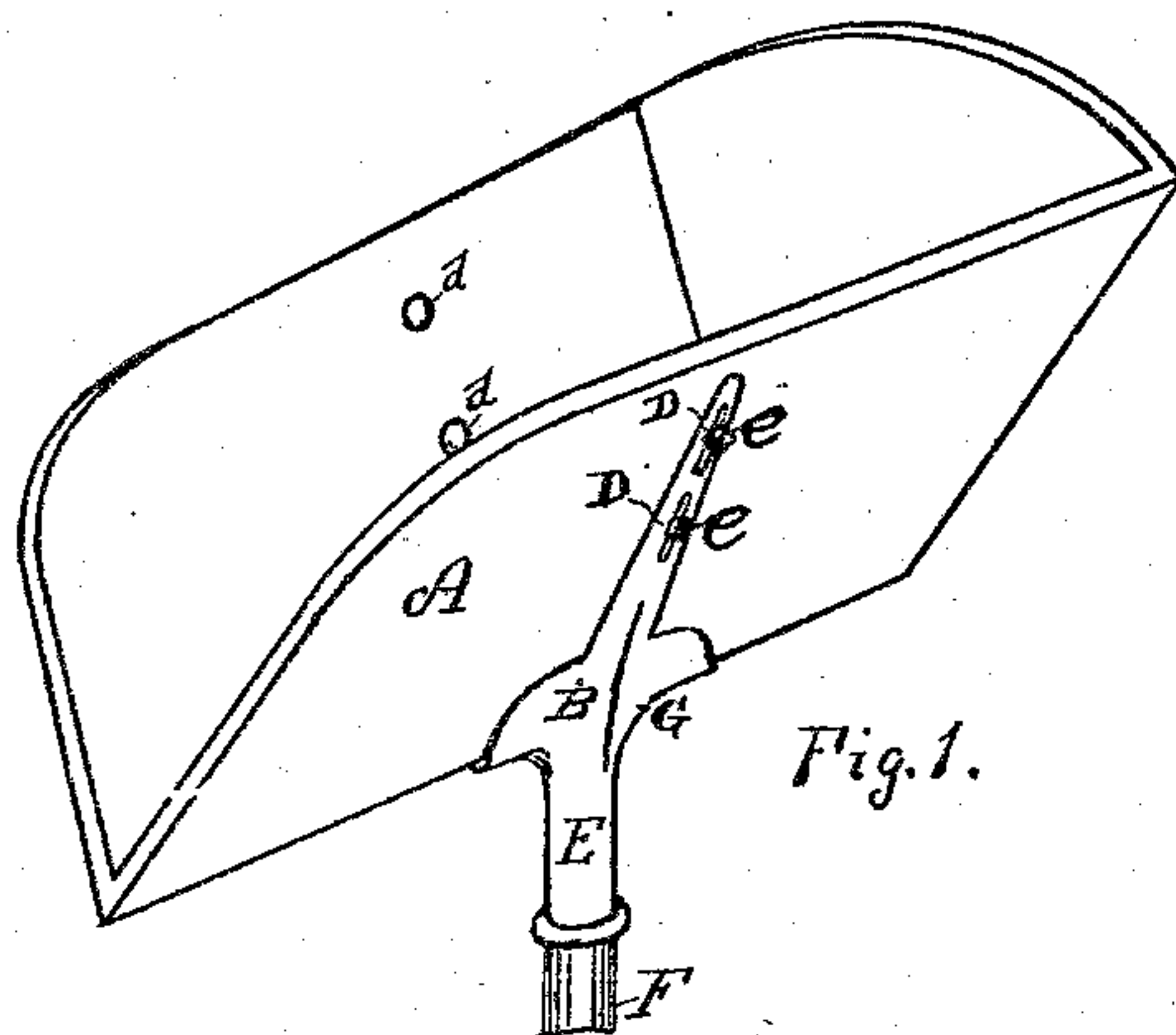


Fig. 1.

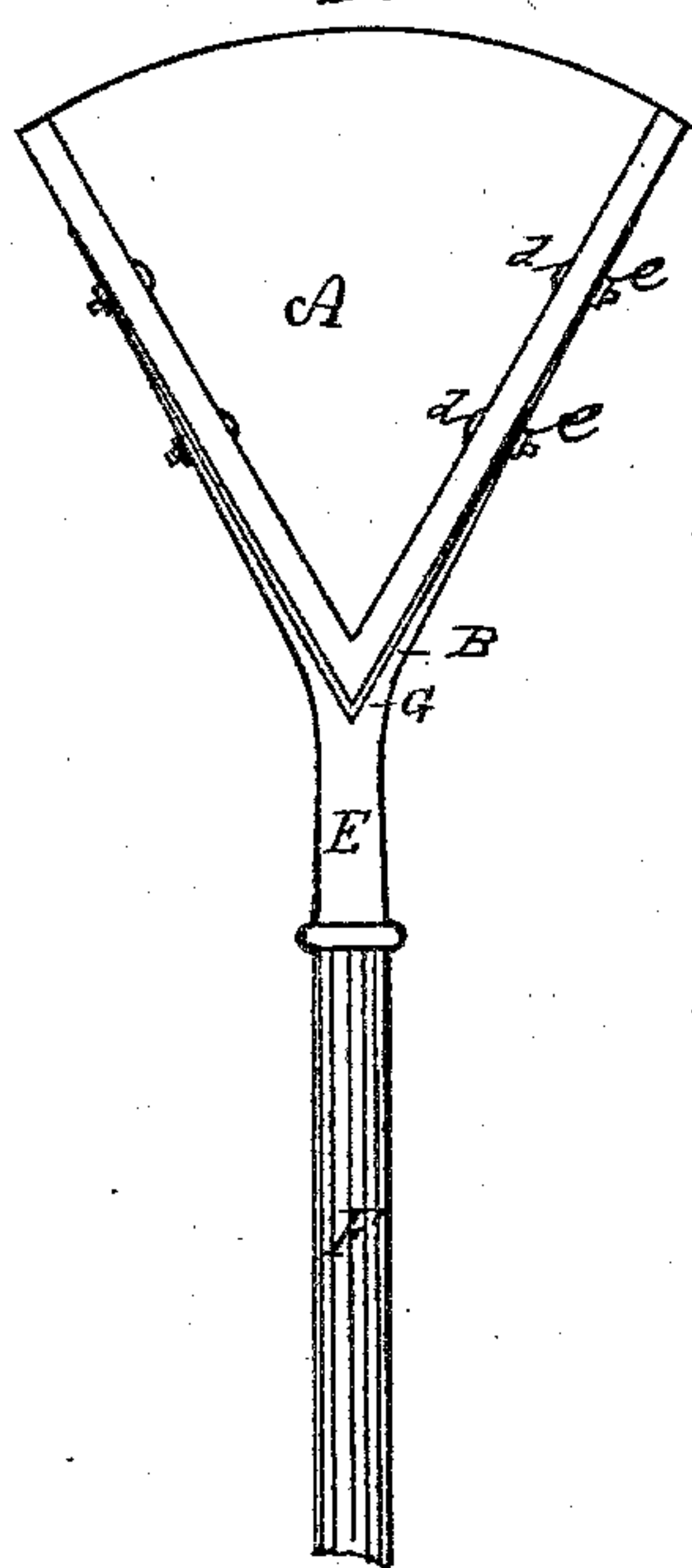


Fig. 2.

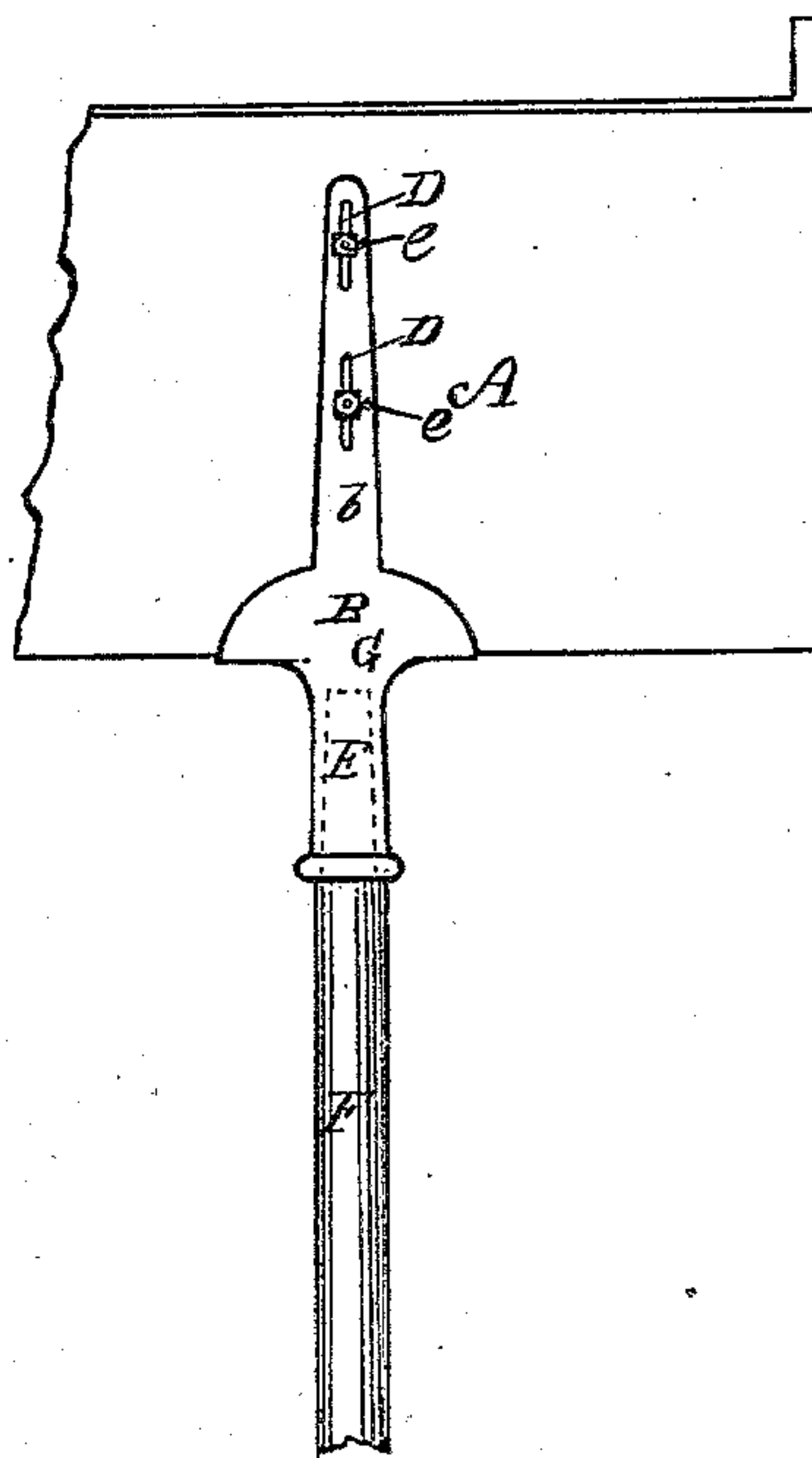


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

ANDREW J. SPICER, OF PORTLAND, OREGON, ASSIGNOR OF ONE-HALF TO
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HOD-IRON.

SPECIFICATION forming part of Letters Patent No. 301,765, dated July 8, 1884.

Application filed November 1, 1883. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. SPICER, a citizen of the United States, residing at the city of Portland, in the county of Multnomah and State of Oregon, have invented certain new and useful Improvements in Hod-Irons, of which the following is a specification.

My invention relates to a hod-iron which has a saddle in which the hod rests, and arms in which are slotted holes and a socket for the hod-pole; and my invention consists, first, in constructing the hod-iron with a solid saddle or shoulder on which the hod rests; second, by running from said saddle two arms which embrace the hod, and providing in these slotted holes in order to permit the timber of which it is made to shrink without splitting; third, by providing underneath the saddle a socket to receive the hod-pole. The whole hod-iron can be cast in one piece of malleable iron.

In the accompanying drawings, forming a part of this specification, Figure 1 is a view in perspective showing the hod with iron attached. Fig. 2 is a view in end elevation, and Fig. 3 is a sectional view in side elevation, of the same device.

A in Figs. 1, 2, 3 represents a hod of the usual style.

B is the iron, suitably provided with arms *b b*, in which are slotted holes D D, so that when the wood of hod shrinks there will be no splitting, as these slotted holes permit the whole side of hod to move.

d d are bolts by which the hod is fastened in the iron B. They are placed with their heads inside of the hod, and have nuts *e e*, which are

fitted on outside of slotted holes D D. E is the socket adapted to receive the pole F. This socket extends entirely through saddle G of iron B, so that in the event of the pole breaking off therein the part left can be punched out from the upper side. The shoulder G, in which the hod rests, keeps it steady and prevents moving or racking of the hod from side to side; also, the hod can be taken out of the iron B and its parts by merely unscrewing the nuts and lifting it out from between the arms, the arrangement of the bolts *d d* with their heads inside of hod and the slotted holes *e e* permitting that operation very conveniently.

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

1. As a new article of manufacture, the herein-described hod-iron provided with saddle and arms having slotted holes and a pole-socket, as herein shown and described.

2. The hod-iron B, having saddle G, and arms *b b*, provided with slotted holes D D, and a socket, E, substantially as herein shown and described.

3. In combination with hod A, the iron B, having saddle G, and arms *b b*, provided with slotted holes D D, adapted to receive the bolts *d d* and nuts *e e*, and socket E, in combination with pole F, operating as shown, and for the purpose described.

ANDREW J. SPICER.

Witnesses:

CHAS. H. CAREY,
W. H. ADAMS.