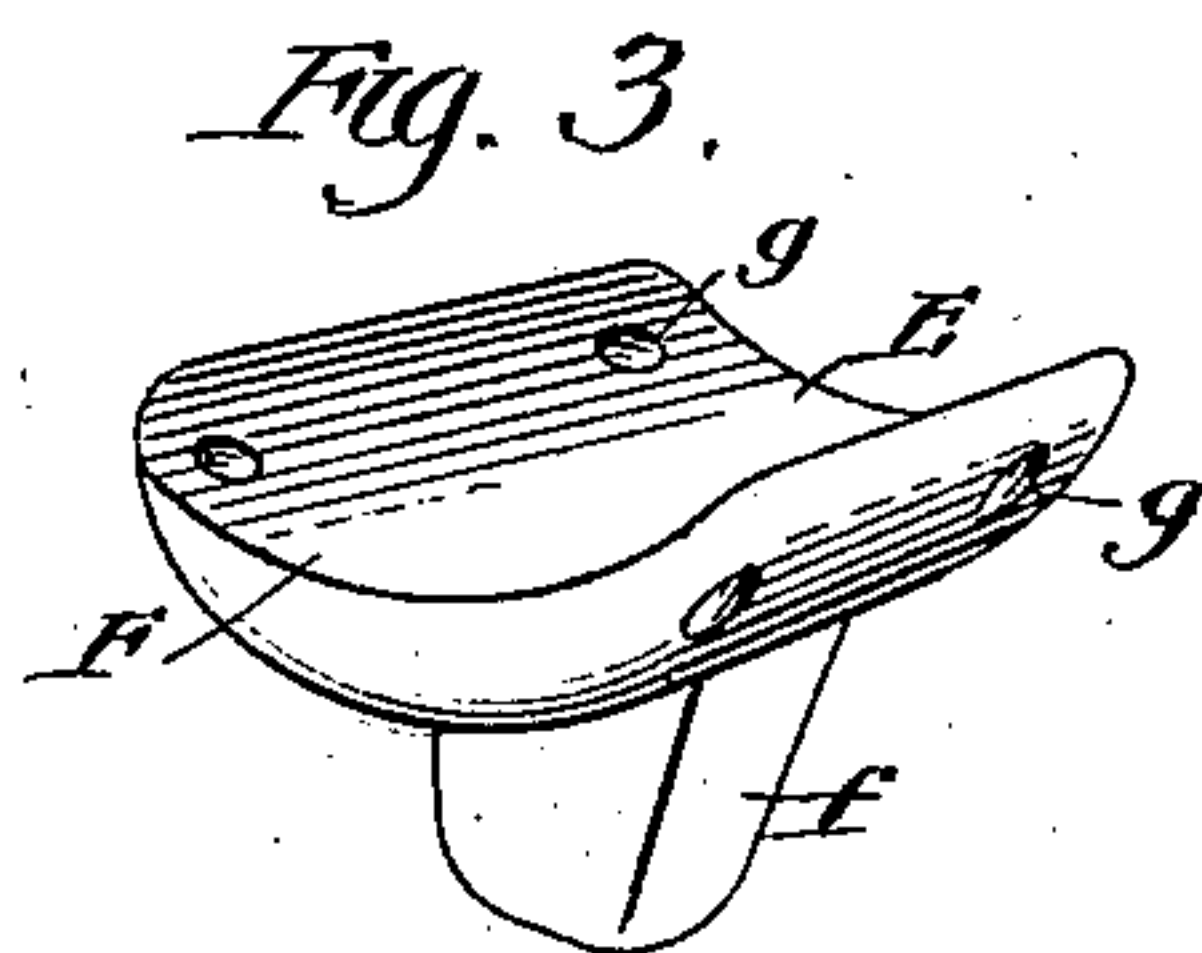
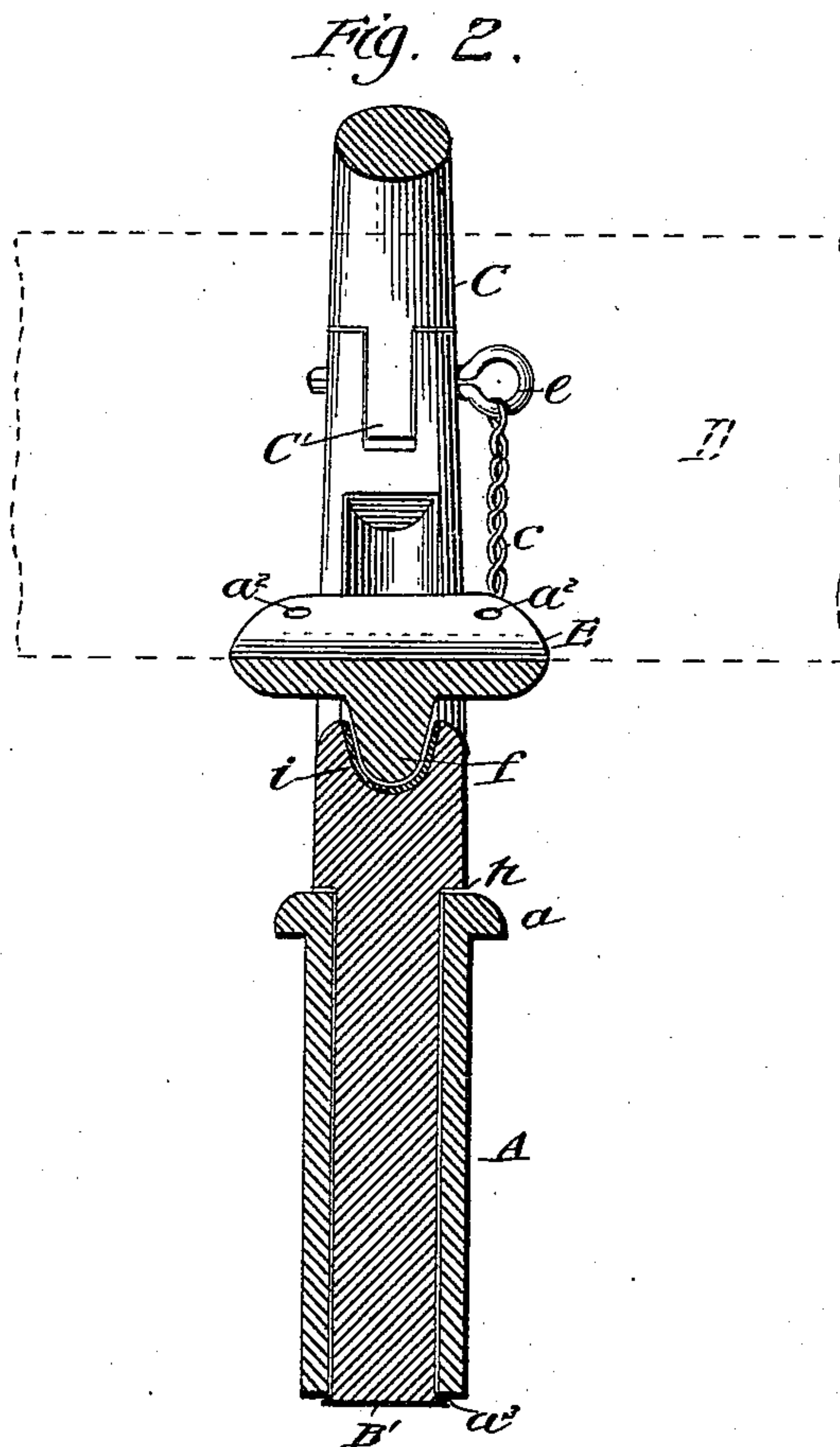
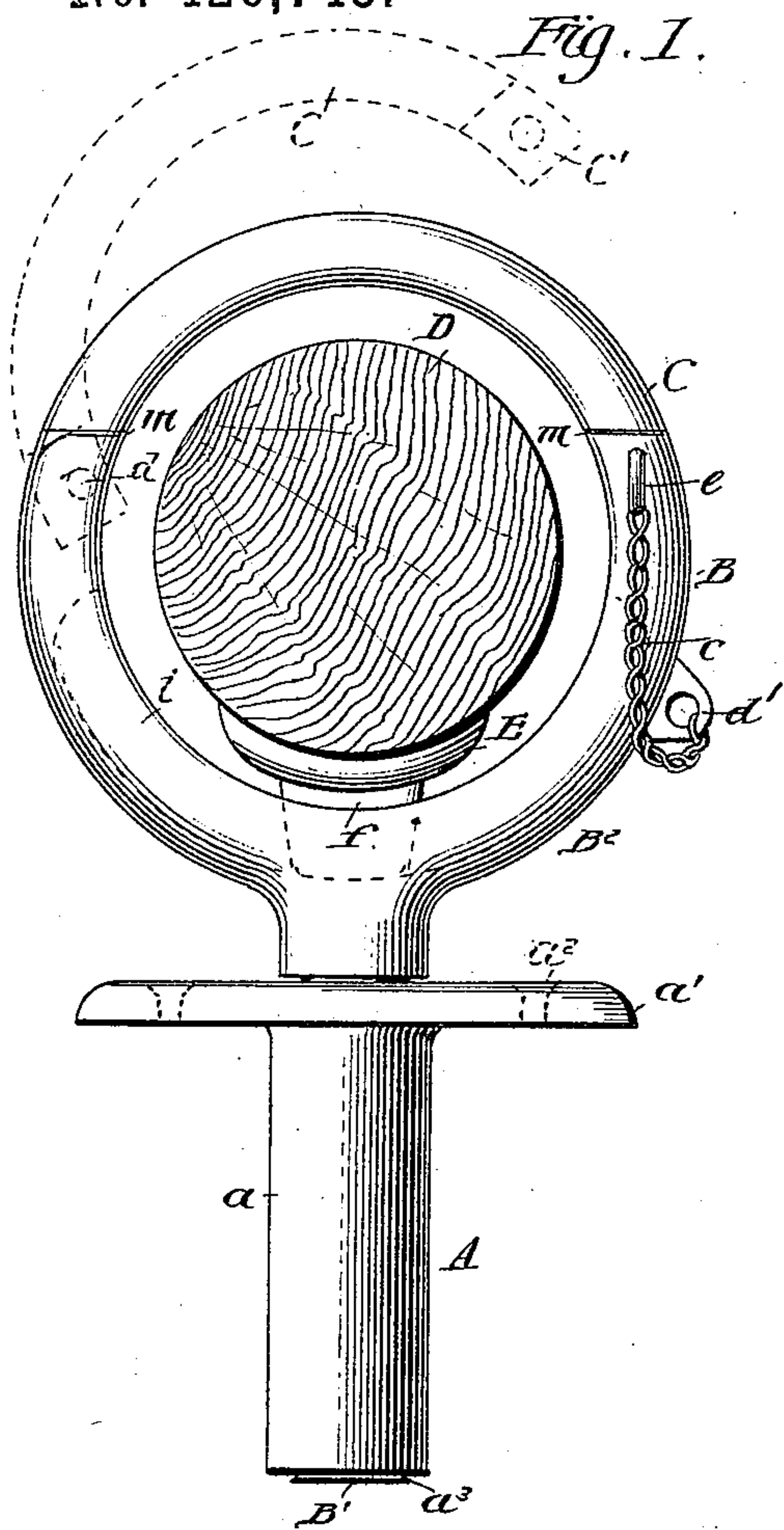


(Model.) G. N. SPAULDING & C. H. EATON.
OAR LOCK.

DOOR LOCK.

No. 426,743.

Patented Apr. 29, 1890.



WITNESSES:

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C. Sedgwick

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE N. SPAULDING AND CHARLES H. EATON, OF HARRISON, MAINE.

OAR-LOCK.

SPECIFICATION forming part of Letters Patent No. 426,743, dated April 29, 1890.

Application filed July 5, 1889. Serial No. 316,510. (Model.)

To all whom it may concern:

Be it known that we, GEORGE N. SPAULDING and CHARLES H. EATON, of Harrison, in the county of Cumberland and State of Maine, have invented a new and useful Improvement in Oar or Row Locks, of which the following is a full, clear, and exact description.

The object of our invention is to provide a rowlock of simple construction, which will lock the oar in place and also permit its free rocking action therein.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the rowlock with an oar in position therein, the oar loom or handle being shown in section. Fig. 2 is an elevation in section of the rowlock, showing the oar loom or handle in dotted lines and in position within the lock; and Fig. 3 is a detached view of one of the essential parts of the rowlock.

The socket A is comprised of a barrel *a*, having an annular flange *a'* formed on its upper end, which flange provides means for securing the socket-piece in place upon the thwarts of the boat by screws passing through perforations *a''* in the flange. The rowlock proper consists of an eye or ring B, from which projects the shank B', that loosely engages the socket A and is secured therein by upsetting its free lower edge over the adjacent edge of the barrel *a*, as at *a'''*. The body of the ring B is divided into two sections at *m*, the upper and smaller of these sections being hinged to the lower section B², as at *d*, Fig. 1, said upper section C being therein shown elevated in dotted lines. As shown in Fig. 2, a tongue C', formed on the upper section, enters a slot or groove formed in the lower section, so that the parts may be secured together by a pin *e*, passing through aligning perforations in the ends of the ring-sections. The pin *e* has an eye on one end engaged by a chain *c*, which is attached by its other end to an ear *d'* on the lower section B². By the construction as described the ring B may be separated to receive within it the body or loom of an oar and then be secured together, as shown in Fig. 1. The lower section B² is grooved or channeled on

its inner surface, said channel *i* being extended nearly throughout said surface of the ring-section, as shown in dotted lines in Fig. 1. It is preferred to line the recess or channel *i* with leather or other suitable material to prevent the rattle of an inserted tongue of metal, which will now be described.

A locking-block E is provided for the loose attachment of the oar D with the ring of the rowlock. Said block has a flange F, (see Fig. 3,) which is curved to fit the loom of an oar, and is to be secured thereto by screws, holes *g* being provided for this purpose. From the lower side of the locking-block E a tongue *f* projects, which is of such proportionate size as to fit and slide within the channel *i* of the ring-section B².

It will be evident that when the rowlock just described is fitted upon the thwarts or side edges of a boat an oar D can be secured within the ring B' by elevating the upper sections C, placing the tongue of the locking-block E in the channel *i*, and then closing the section named upon the lower section B², to which it is fastened at each end in the manner stated. The insertion of the pin *e* will lock the oar in place, prevent longitudinal slip, and allow free sweeping action, as well as a proper rocking of the blade to feather it when necessary.

We do not limit ourselves to the form of rowlock shown and described, as our invention is applicable to any rowlock adapted to receive and retain the oar.

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

As an improved article of manufacture, a rowlock consisting in the socket A, the transversely-divided ring B, having a shank B' in said socket, the lower section B² of the ring having a recess *i* in its upper face, and the apertured block E, curved to fit the oar and formed on its lower face with a central stud *f*, having a sliding movement in the groove from end to end thereof, substantially as set forth.

GEORGE N. SPAULDING.
CHARLES H. EATON.

Witnesses:

JESSE B. THORNTON,
GEORGE S. PITTS.