

(No Model.)

W. J. DUNN.

PICKER STICK HOLDER FOR LOOMS.

No. 278,111.

Patented May 22, 1883.

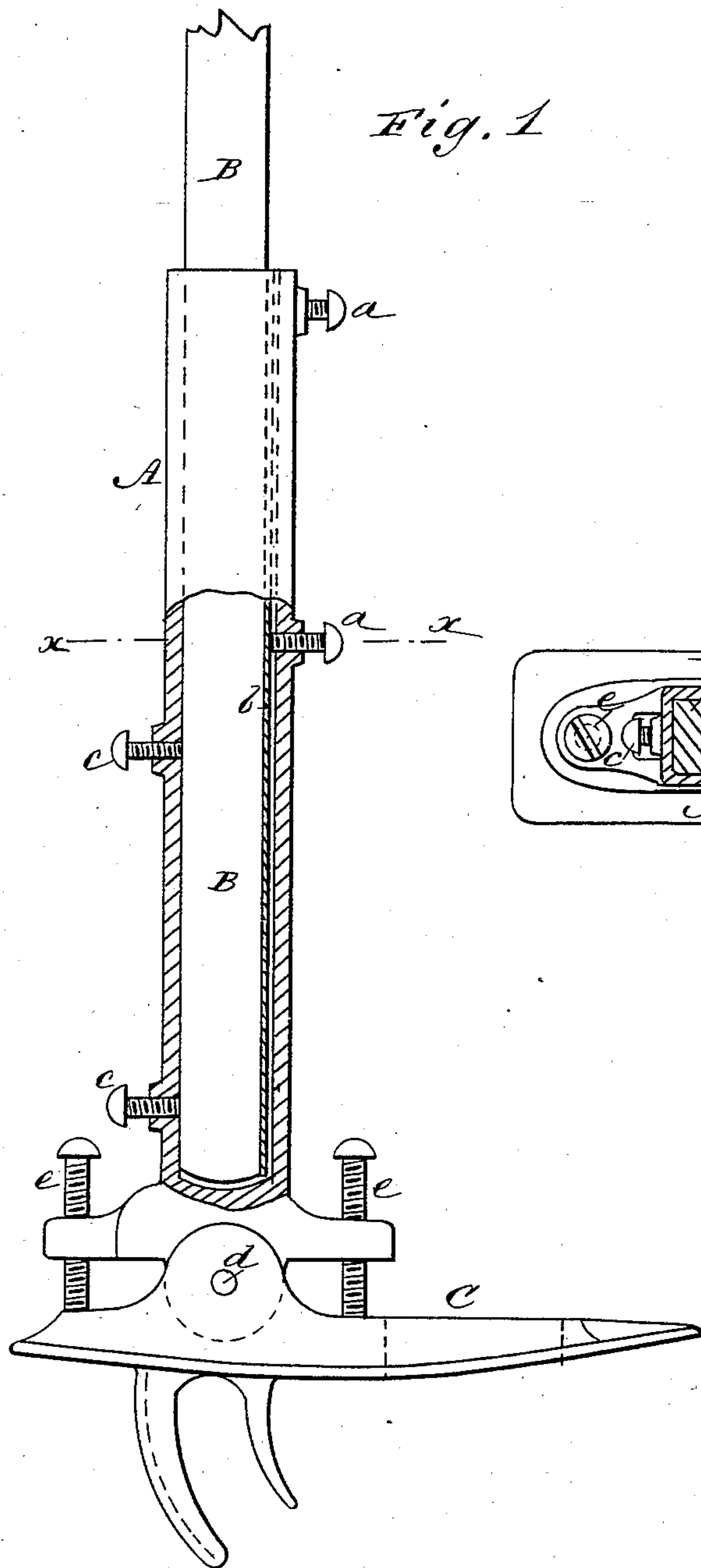


Fig. 1

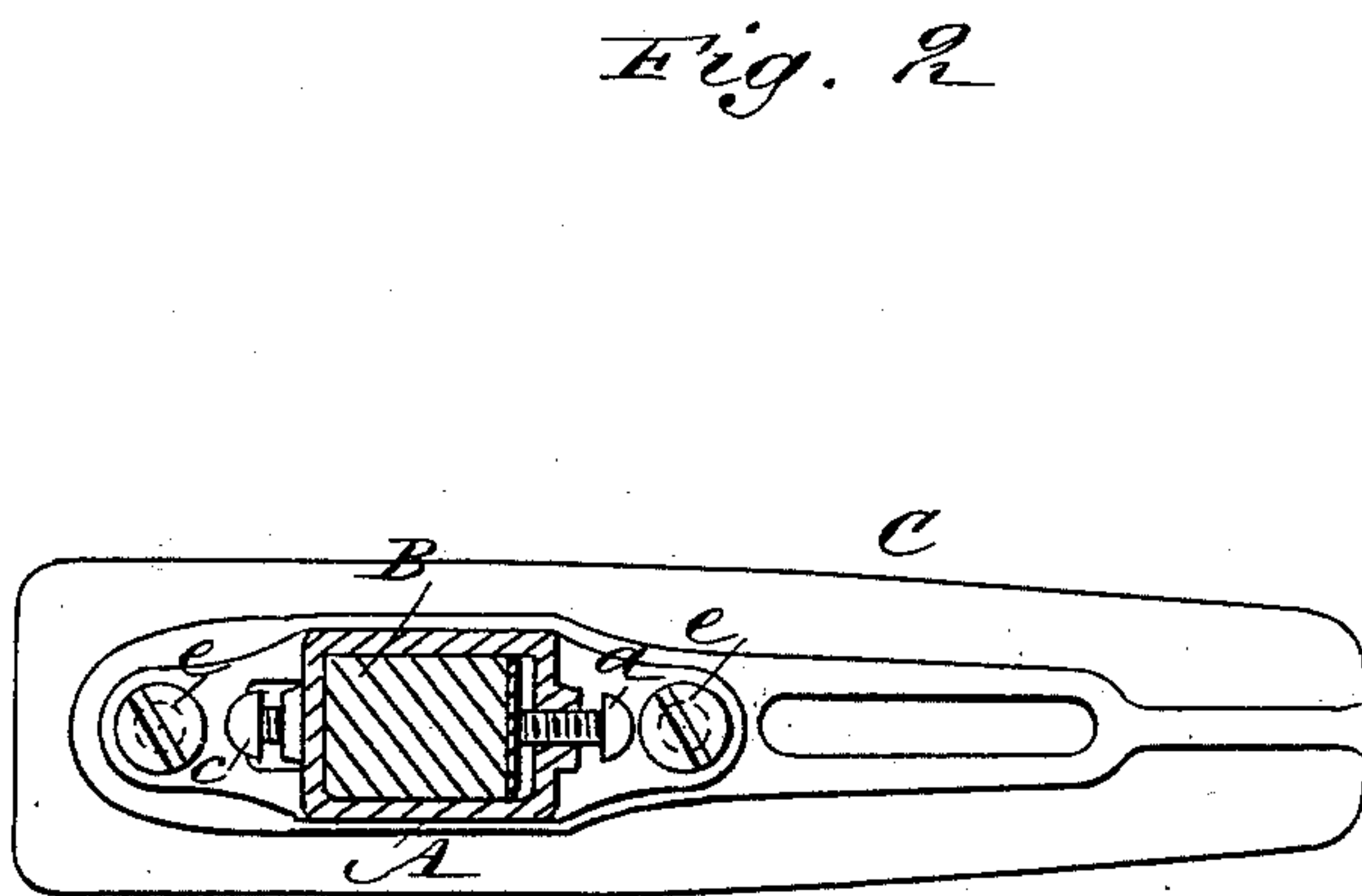


Fig. 2

WITNESSES:

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INVENTOR:

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UNITED STATES PATENT OFFICE.

WILLIAM J. DUNN, OF LEWISTON, MAINE, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO HIMSELF, THOMAS STONE, AND R. C. BILLINGTON, ALL OF SAME PLACE.

PICKER-STICK HOLDER FOR LOOMS.

SPECIFICATION forming part of Letters Patent No. 278,111, dated May 22, 1883.

Application filed June 26, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. DUNN, of Lewiston, in the county of Androscoggin and State of Maine, have invented a new and Improved Picker-Stick Holder for Looms, of which the following is a full, clear, and exact description.

In picking mechanism as usually constructed, picker-sticks, when worn at the end or top, have to be replaced by entirely new sticks, and as such wear is rapid the expense is considerable.

The object of my invention is to obviate this objection by enabling the picker-stick to be drawn out or lengthened as the end becomes worn, thus effecting a great saving in expense.

The invention consists of a picker-stick holder composed of a hollow casting adapted to receive the picker-stick, and having screws to hold and adjust the stick, whereby the stick may be shifted as it becomes worn, and a foot-piece pivoted to said casting and adjusted in position by set-screws passing through arms on the casting.

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

Figure 1 is a sectional side view of my improved picker-stick holder. Fig. 2 is a transverse section on the line *x x* of Fig. 1.

A is the casting, which is made hollow and of a form suitable for receiving the stick B. The stick is held within the casting by set-screws *a a*, which take against a plate, *b*, that is pressed by the screws *a a* against the side of the stick, so as to obtain a firm and even bearing and prevent indentation of the stick by the screws.

c c are additional screws, which are adapted

to work in the opposite side of the casting A and secure the stick at a point below the screws *a a*.

It will be seen that the stick can be readily drawn out when the screws *a* are loosened, and the casting being made of suitable length, the same stick can be used for a considerable length of time.

The casting A is provided with a foot-piece, C, that is pivoted at *d*, so as to allow a turning movement or adjustment of the foot-piece. Screws *ee*, tapped through arms projecting from the casting and bearing upon the foot-piece at opposite sides of the pivot, serve to retain the foot-piece in place and to make a rigid connection between the two parts. By these screws the foot-piece can be adjusted to give the casting A any desired angle with reference to the foot-piece as may be required.

In using this device, when the picker-stick is worn off at the end or top it is to be slightly raised and again clamped in the casting. I construct the casting and stick so that this change can be made three times with the one stick, and the adjustment being readily made, there is thus a great saving both of time and expense.

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

The hollow casting A, having the screws *a a e e*, in combination with and pivoted to the foot-piece C, said screws *ee* working in arms projecting from the casting and bearing against the said foot-piece, substantially as and for the purpose set forth.

WILLIAM J. DUNN.

Witnesses:

JOHN RIGBY,
ELIJAH M. TOPLIFF.