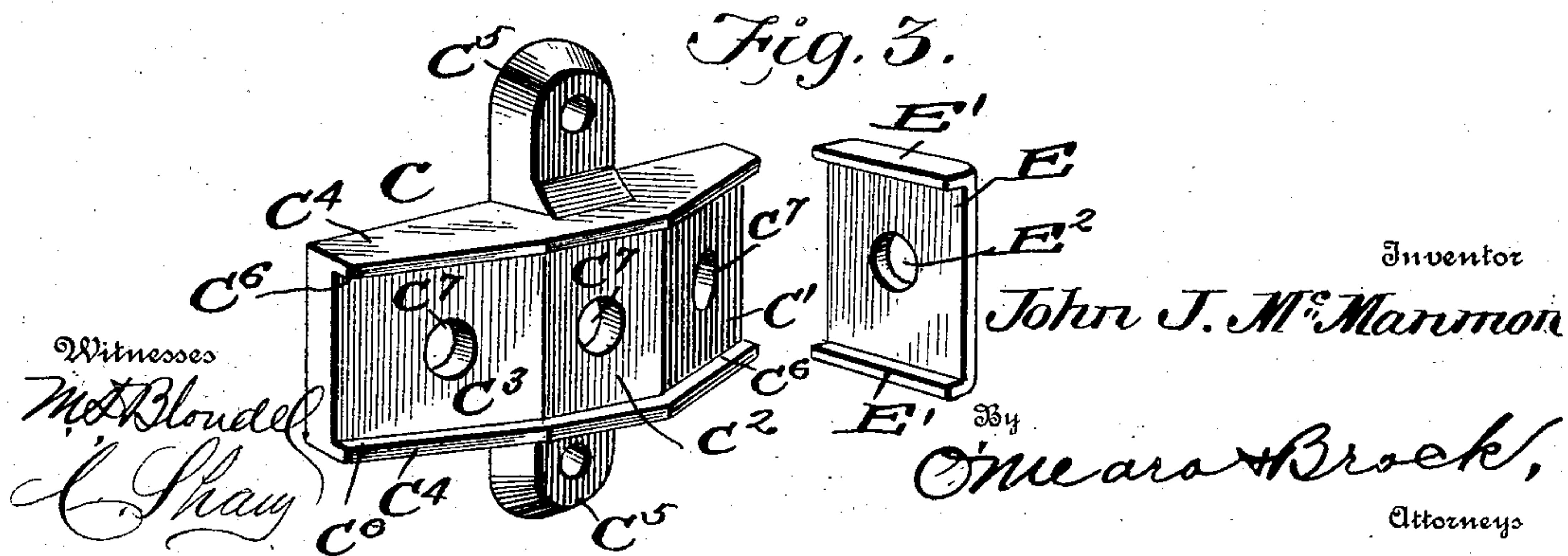
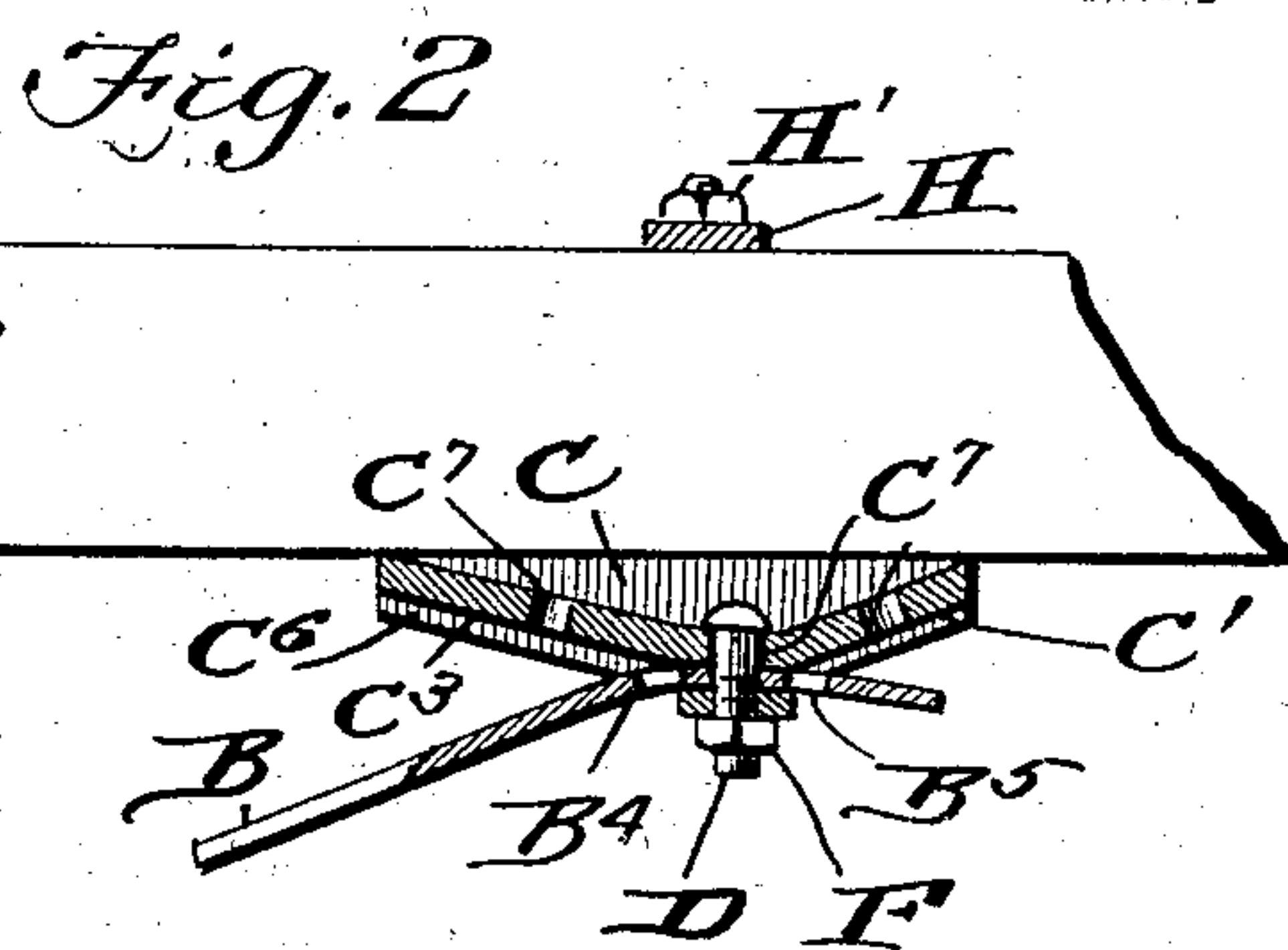
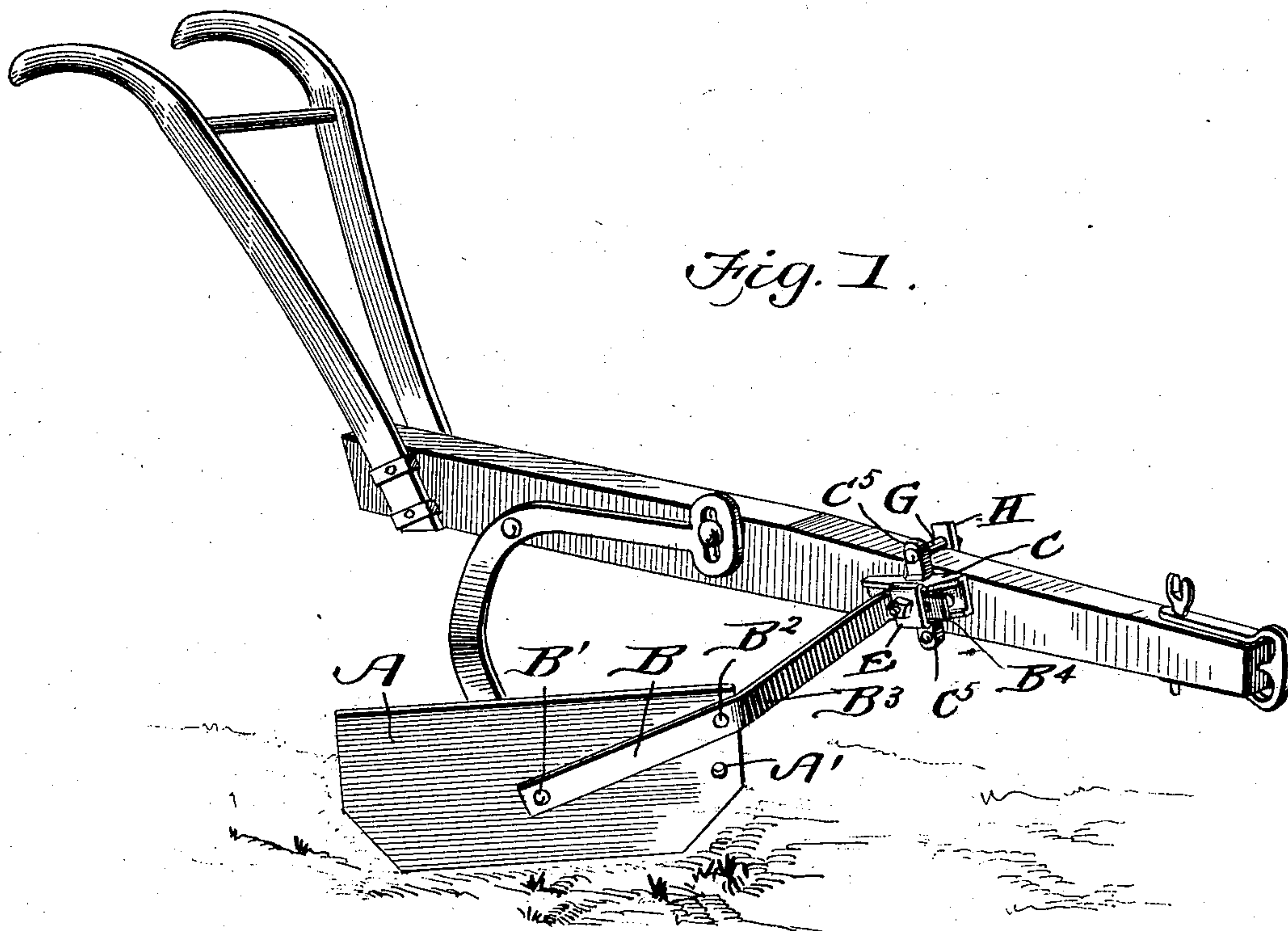


No. 720,173.

PATENTED FEB. 10, 1903.

J. J. McMANMON.
FENDER FOR PLOWS.
APPLICATION FILED OCT. 20, 1902.

NO MODEL.



UNITED STATES PATENT OFFICE.

JOHN J. McMANMON, OF ATLANTA, GEORGIA.

FENDER FOR PLOWS.

SPECIFICATION forming part of Letters Patent No. 720,173, dated February 10, 1903.

Application filed October 20, 1902. Serial No. 128,001. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. McMANMON, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented a new and useful Fender for Plows, of which the following is a specification.

This invention relates generally to plows, and more particularly to an improved construction of coupling device by means of which the fender is attached to the plow-beam, said coupling being of such construction that the fender can be quickly and easily adjusted to a number of different positions according to the nature of the work to be done; and with this object in view the invention consists in the novel features of construction, combination, and arrangement, all of which will be fully described hereinafter, and pointed out in the claims.

In the drawings forming part of this specification, Figure 1 is a perspective view of a plow provided with my improved construction of fender. Fig. 2 is a detail view showing a portion of the plow-beam, the coupling of the fender being shown in horizontal section. Fig. 3 is a detail perspective view of the casting and clip-plates.

In carrying out my invention I employ a fender-board A, which may be made of any desirable material and of any preferred shape. Pivotally connected to the fender is a metallic bar B, said bar being preferably pivoted to the fender-board at the center of the same, as shown at B'. The forward end of the fender is provided with a series of perforations A', through which a bolt B² is adapted to be passed for the purpose of connecting the fender-bar B to the fender-board at the forward end.

The object of having a series of perforations is to provide for a series of adjustments between the fender board and bar. The fender-bar is bent slightly inwardly, as shown at B³, after being connected to the forward end of the fender, and the forward end of said bar is curved outwardly, as shown at B⁴, and provided with a series of perforations B⁵. The forward end of the fender-bar B is intended to be secured to a casting C, said casting being of peculiar formation and comprising three flat exterior surfaces C', C², and C³,

the top and bottom portions C⁴, and the perforated ears or lugs C⁵, extending upwardly and downwardly from the top and bottom portions C⁴, the outer edges of the top and bottom portions projecting slightly beyond the flat faces C', C², and C³, as indicated at C⁶. The rear edges of the top and bottom portions are straight, and the rear faces of the lugs C⁵ are in alinement with the rear edges of the top and bottom portions, so that the casting can be placed flat against the plow-beam. The rear of the casting is made hollow, and each flat face C', C², and C³ is provided with a central perforation C⁷, through which a bolt D is adapted to be passed, said bolt being passed through from the inner side, the head thereof resting within the hollow portion of the casting. This bolt D is also adapted to pass through one of the perforations B⁵ in the end of the fender-bar, said fender-bar being adapted to rest against the flat face through which the bolt passes, said bar resting between the flanges C⁶, as most clearly shown in Fig. 2, and in order to securely fasten the plow-bar in this position I employ a clip-plate E, having overlapping flanges E' at the upper and lower ends which extend above and below the flanges C⁶, and this clip-plate has a perforation E², through which the fastening-bolt D passes. A nut F is screwed upon the end of the bolt, thereby securely fastening the fender-bar to the casting, and this casting is securely connected to the plow-beam by means of bolts G, which pass through the perforated ears or lugs C⁵ and also through a plate H upon the opposite side of the plow-beam and have the fastening ends H' secured thereon, thus completing the coupling of the fender and its bar to the plow-beam. The casting C can be reversed whenever desired, and by having a plurality of flat faces to which the fender-bar can be attached and also by having the fender-bar curved or bent at its point of attachment and also provided with a series of perforations it is obvious that the fender can be adjusted to a number of different positions and the fender-board can be independently adjusted with reference to the fender-bar.

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

1. The combination with a fender-bar having one or more perforations adjacent to its forward end, of a casting having a plurality of perforated faces, each arranged at an angle to the other, and means for securing the fender-bar to the casting as specified.

2. The combination with a fender-bar having a plurality of perforations adjacent to its forward end, said bar being curved or bent adjacent to said forward end, of a casting having a plurality of flat perforated faces, each arranged at an angle to the other, means for securing the fender-bar to the casting together with means for securing the casting to the plow-beam, as specified.

3. In a plow-fender, a casting having a plurality of flat perforated faces, each arranged at an angle to the other, the upper and lower portions provided with perforated ears or lugs a perforated clip-plate and a fender-bar bent or curved and perforated adjacent to its forward end, a bolt adapted to be passed through the casting, the fender-bar and clip-plate and means for connecting the casting to the plow-beam, as specified.

JOHN J. McMANMON.

Witnesses:

W. H. POWELL,
CHAS. WATSON.