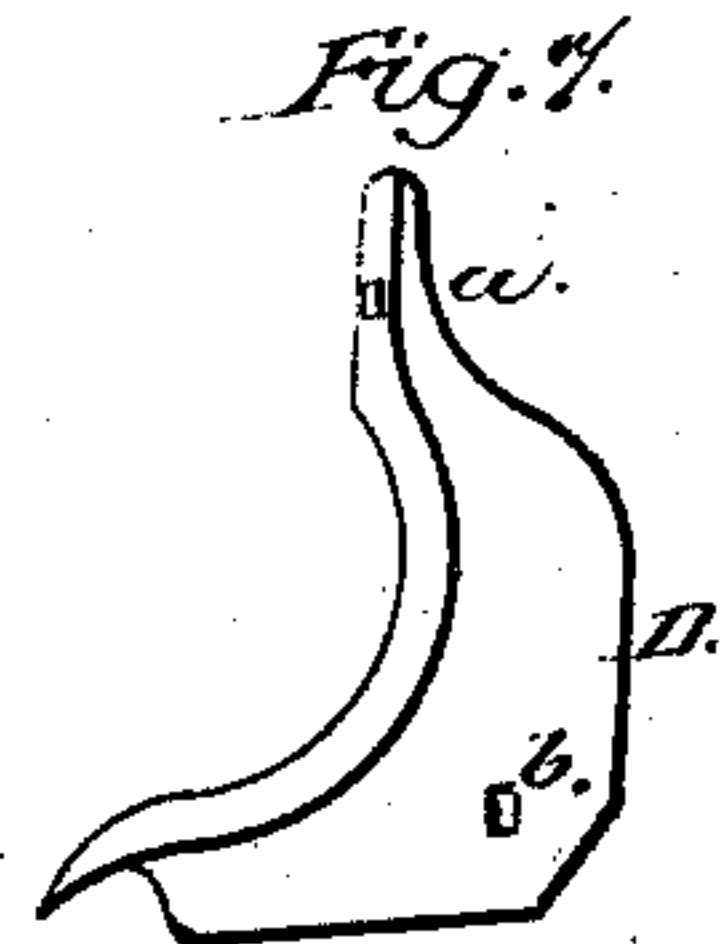
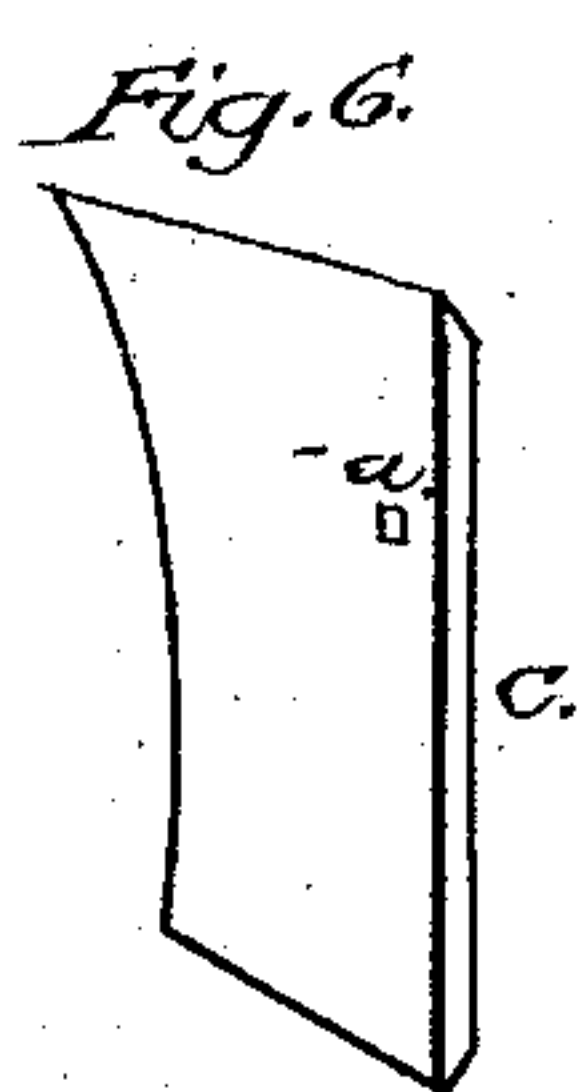
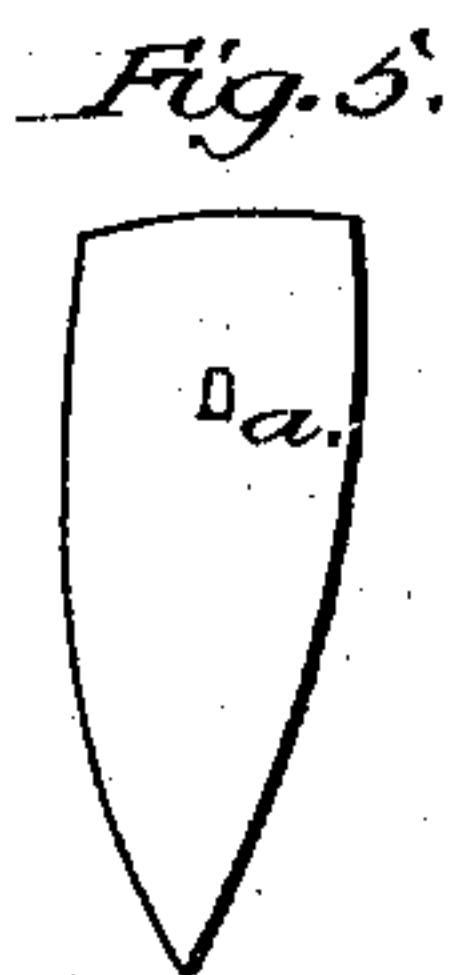
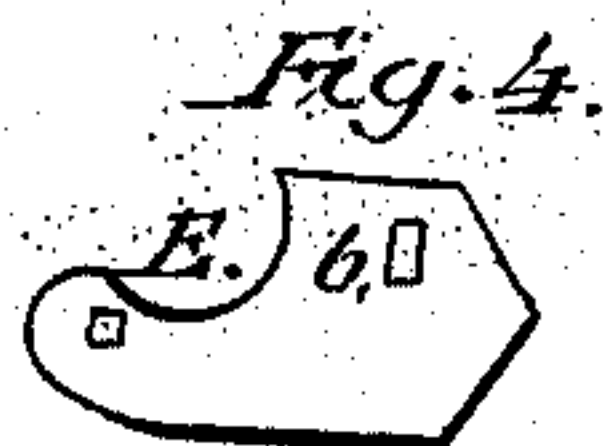
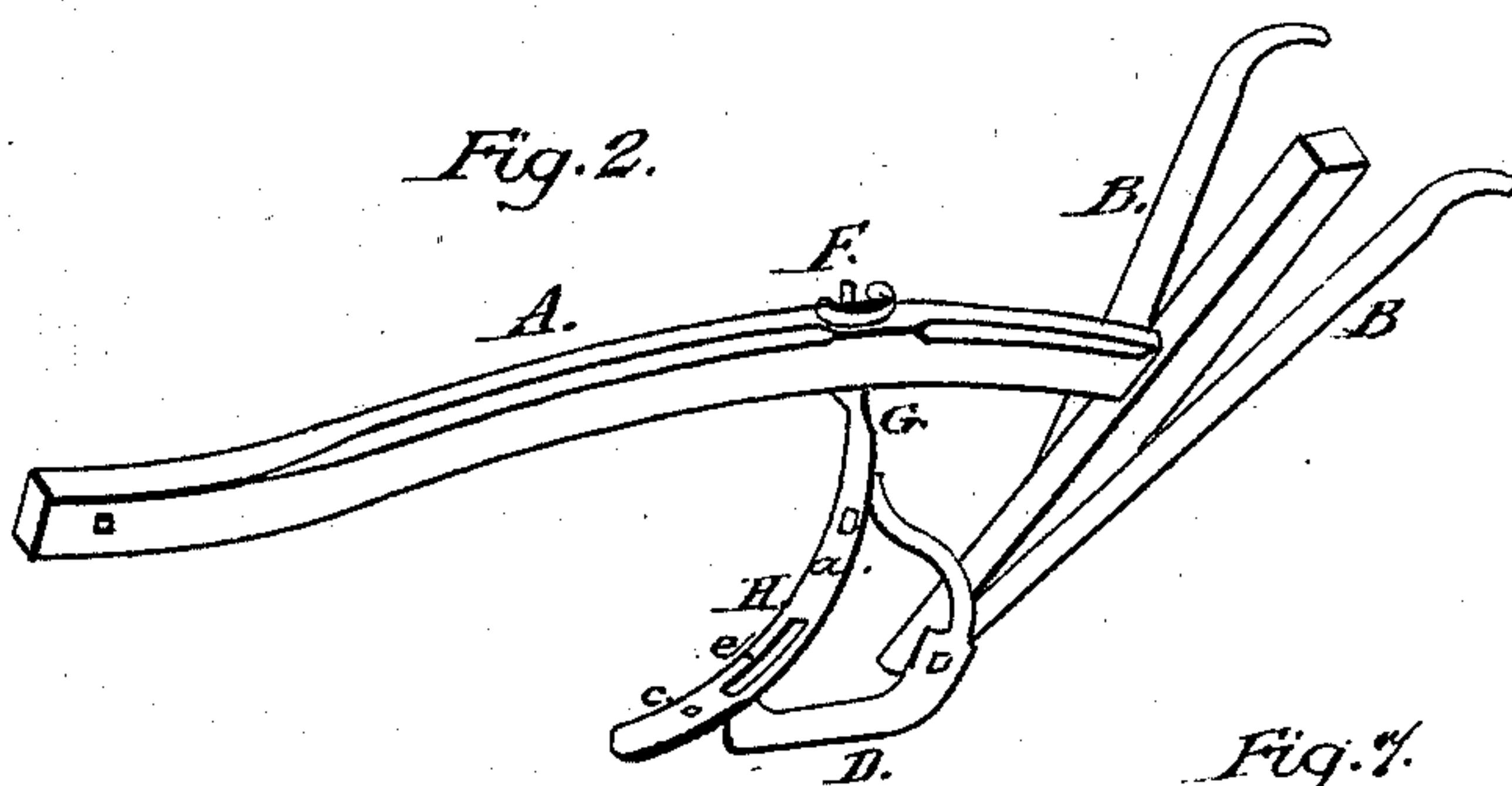
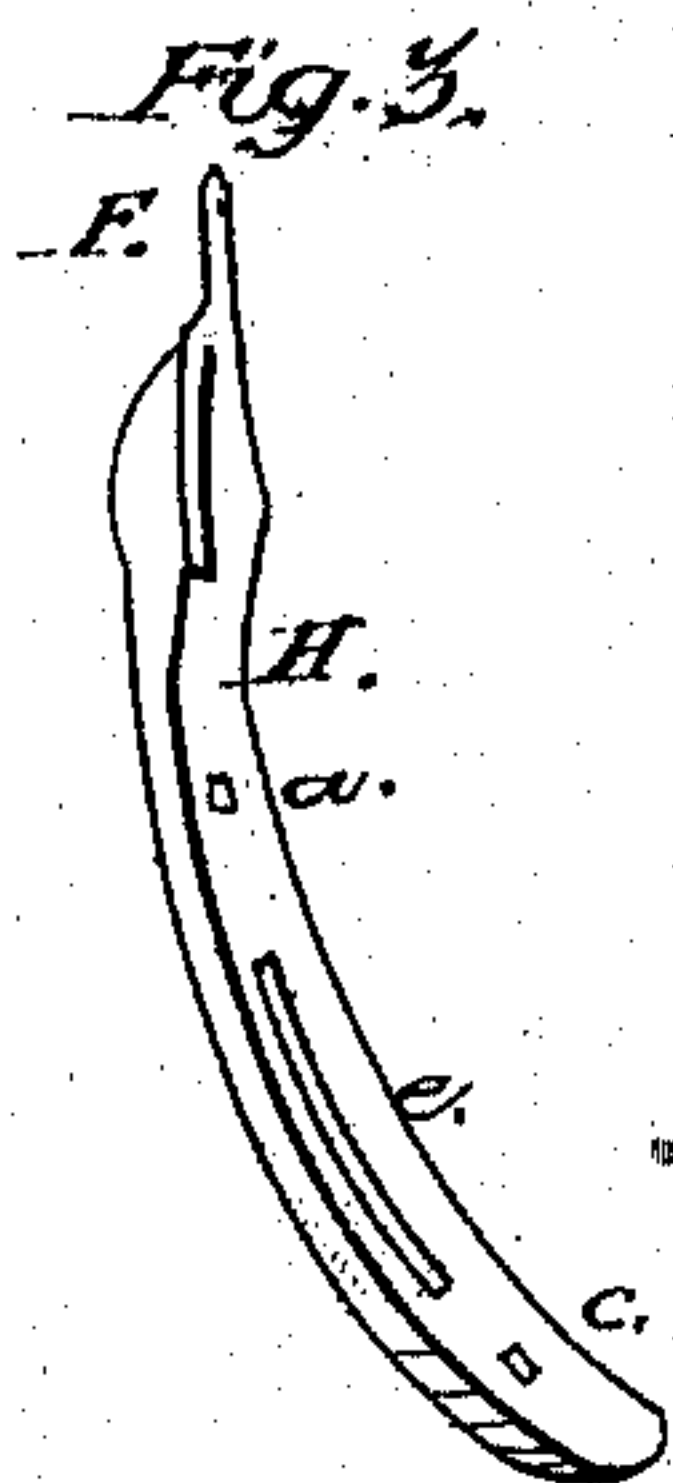
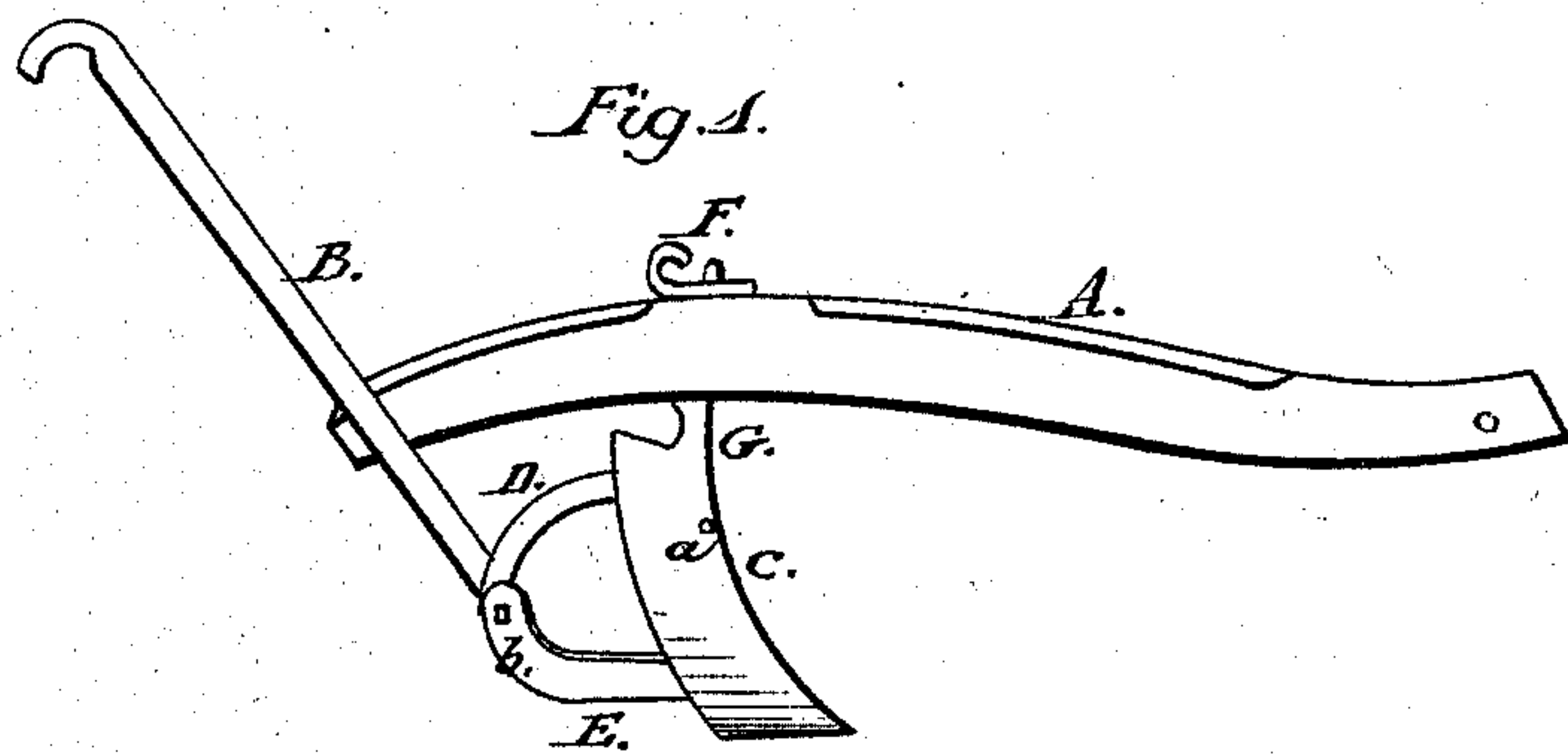


*A. Teague,*

*Flow.*

*No. 95,163.*

*Patented Sep. 21. 1869.*



*Witnesses:*  
*B. Burns,*  
*H. J. Edwards*

*Inventor:*  
*Abel Teague*  
*by*  
*A. M. Stout,*  
*Attorney.*



# UNITED STATES PATENT OFFICE.

ABEL TEAGUE, OF MADISONVILLE, KENTUCKY.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 95,163, dated September 21, 1869; antedated September 10, 1869.

*To all whom it may concern:*

Be it known that I, ABEL TEAGUE, of Madisonville, in the county of Hopkins, in the State of Kentucky, have invented certain new Improvements in the Construction of Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction of plows without welding any of the parts which are made of metal; of forming the standard in one piece, and in such a manner that any shares of the usual forms may be easily fastened upon, adjusted upon, and removed from the standard at pleasure, and also of rendering the manufacture of plows more simple and cheap than it has heretofore been.

To enable others skilled in the art to make and use my invention, I will proceed to describe the construction and operation of the same.

Figure 1 shows a perspective view of plow complete. Fig. 2 shows a like view of plow with share removed. Fig. 3 shows a like view of standard. Fig. 4 shows a like view of the bar-brace; Figs. 5 and 6, different shares. Fig. 7 shows a perspective view of the bar or sole of the plow.

The standard should of course have its dimensions to correspond with those of other parts of the plow. It should be formed with a hole, C, in it, near the lower end, for the insertion of the lip at the lower point of the bar or sole D, and another at *a*, a suitable distance below the shoulder for the beam to rest upon, for the insertion of a screw-bolt, by which the upper end of the said bar is made fast to it. Between these two holes a slot should be made in the standard of sufficient length and width to answer the purposes for which it is made. Above the hole *a* the standard should be formed into shoulders, for the beam to rest upon, and then into a simple bolt to pass up through the beam and be secured thereto by a screw-nut on the upper side. The bar or sole is constructed substantially as shown in the drawings. From the point inserted in the standard at *c* it extends back, as shown at E, Fig. 1, horizontally, far enough to make sufficient bottom to secure steady running of the plow, and a hole is perforated through it for the insertion of a screw-bolt, by which they may

be fastened upon the handle, and then it is bent forward again to the rear of the standard, flattened and fastened thereto by a screw-bolt through the hole *a*. These two parts of the standard and the bar or sole are the main parts in the frame of a plow according to my invention, and are so simple that any ordinary blacksmith can make them with but a few tools, and of any suitable metal, such as wrought-iron and steel. They may be cast and both in one piece, easily and cheaply.

The sole-brace E, Fig. 4, is made similar in form to the lower part of the sole, and is intended to strengthen it, and to assist it in sustaining the weight of the plow upon the bottom of the furrow, and to protect it from wear against the ground. The sole-brace is fastened to the bar by having its lower end bent above and around it, while the upper end is perforated and held to it by the same bolt which holds the handles to it. It is a simple device, and cheaply replaced when worn out. Upon this standard almost any share now in use may be fastened and used. The common shovel-shaped share may be fastened upon it by being perforated with a countersunk hole, near the upper end, through which a screw-bolt may be passed, and through the slot in the standard, with a head against the share and a nut against the under side of the standard. By means of that slot the share may be adjusted as may be desired. The under side of the share, by its convex form, prevents the share from moving out of place, either to the right or left. The head and nut of the screw-bolt hold it securely at the upper end. The mold-board-shaped share or blade, Fig. 6, is fastened upon the standard in a similar manner; but in order to give the share the proper degree of inclination to turn over the sod or soil, the inner side of the share should be made so much thicker than the rest of the share as may be necessary to produce that result, and, as a further means of holding it firmly in position, it should be formed with a lug on the under side of the top, which will enter the slot *c* and co-operate with the screw-bolt in the hole *a* to prevent any lateral movement.

It will sufficiently appear from the foregoing description that I do not claim any improved operation of the plow, but merely an improved mode of constructing its metallic



frame-work, so that it shall be simple, durable, cheap, and strong.

What I do claim as new, and desire to secure by Letters Patent, is--

1. The metallic standard F, constructed substantially as and for the purpose described.

2. The bar or sole D, constructed substantially as and for the purpose described.

3. The bar or sole brace E, when used in combination with the bar or sole D, constructed substantially as described.

4. The metallic frame-work of a plow, composed of the standard F and the bar or sole D, when cast in one single piece, constructed substantially as described.

ABEL TEAGUE.

Attest:

T. J. DENTON,  
S. I. TEAGUE.