G. B. BRIMINGHAM.

Plow Standard Fastening.

No. 161,745. Patented April 6, 1875.

Fig. 3

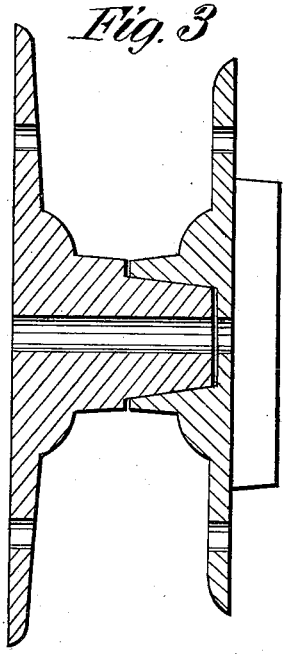


Fig. 1

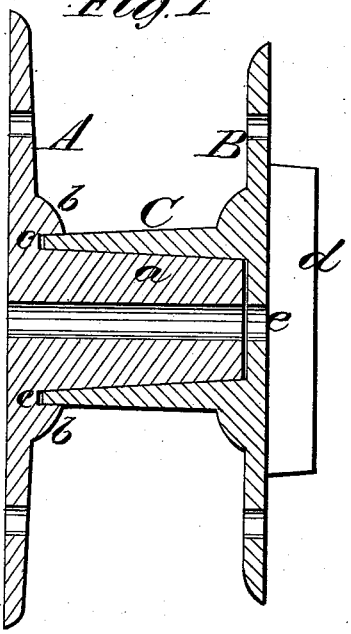
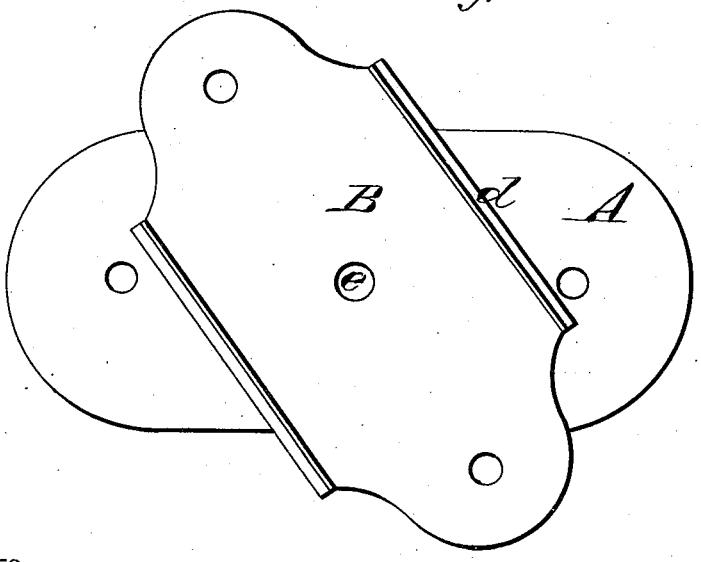



Fig. 2




WITNESSES

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# UNITED STATES PATENT OFFICE.

GREEN B. BRIMINGHAM, OF TRENTON, TENNESSEE.

## IMPROVEMENT IN PLOW-STANDARD FASTENINGS.

Specification forming part of Letters Patent No. **161,745**, dated April 6, 1875; application filed January 23, 1875.

*To all whom it may concern:*

Be it known that I, GREEN B. BRIMINGHAM, of Trenton, in the county of Gibson and State of Tennessee, have invented a new and valuable Improvement in Standard-Fastenings for Plows; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a vertical section of my device. Fig. 2 is a side view, and Fig. 3 is a vertical section of a modification of the same.

My invention has relation to means for attaching plow or cultivator standards to their beams, for the purpose of allowing the standards to be adjusted and secured at any desired angle with relation to the beams. The nature of my invention consists in the employment of two plates, one of which has a conical boss formed on it, adapted to fit into a tapered socket formed in the other plate, so that by the use of a bolt the parts can be firmly drawn together, as will be hereinafter explained.

In the annexed drawings, Figs. 1 and 2, A designates a flat plate, the ends of which are perforated to receive bolts. At the middle of the length of this plate A a boss, *a*, is formed, which is the frustum of a cone, and which has a hole centrally through it. The base of the conical frustum is surrounded by a raised rib, *b*, which leaves an annular groove, *c*. (Shown in Fig. 1.) B designates a plate, which is constructed with lips or flanges *d d* on its parallel edges, and which, like the plate A, has bolt-holes through its ends. This flanged plate has a socket portion, C, formed on it, the interior of which is tapered to correspond to the taper of the boss *a*. A hole, *e*, is made through plate B at the middle of its length, to receive the bolt which confines the parts together.

When the plates are brought together the boss *a* will wedge itself into the socket portion C, and the end of this portion will enter the groove *c*, as shown in Fig. 1.

Fig. 3 shows a modification of Figs. 1 and 2, consisting in making the socket portion C shorter than that of Fig. 1, and omitting the groove *c*.

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

In a standard-fastening for plows or cultivators, a plate, A, having a perforated tapered boss formed on it, in combination with the plate B, having a socket portion, C, formed on it to receive said boss, substantially in the manner and for the purposes set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

G. B. BRIMINGHAM.

Witnesses:

WM. T. GRIGSBY,

W. F. BLAKEMORE.