

J. H. WRIGHT.

PLOW.

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1,017,942.

Patented Feb. 20, 1912.

FIG. 1

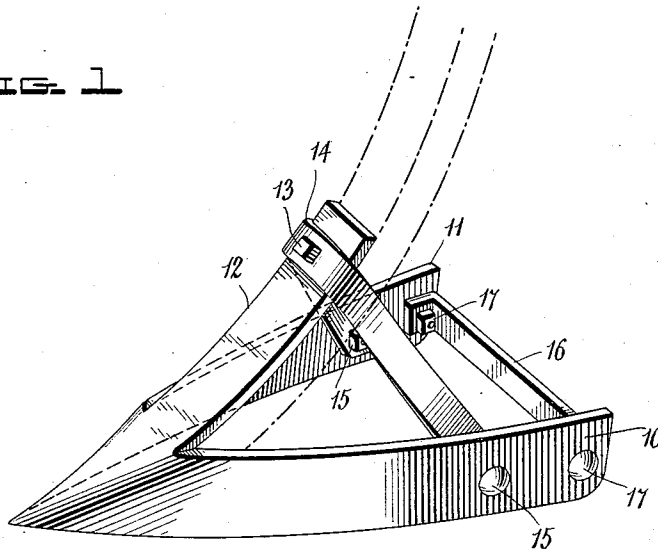
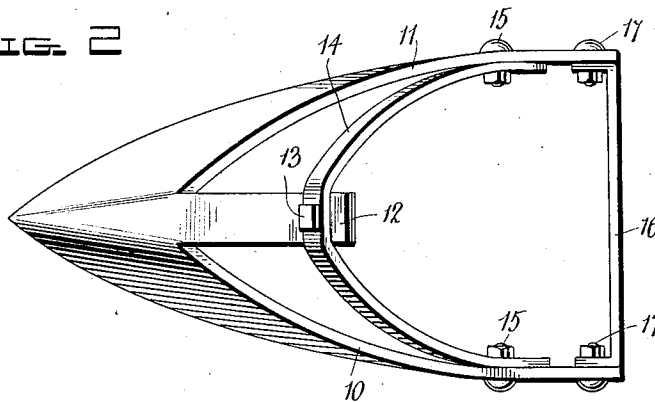


FIG. 2



Witnesses

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PLOW.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES H. WRIGHT, a citizen of the United States, residing at Columbus, in the parish of Sabine, State of Louisiana, have invented certain new and useful Improvements in Plows; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to shovel plows and has for an object to provide a one piece share in the form of divergent outwardly bowed wings and a beam engaging tongue intermediate the wings, the wings being connected to the tongue and to each other by braces which positively prevent relative spreading of the parts.

A further object of the invention is to provide a one piece share that may be readily removed and applied to the plow beam.

With the above objects in view the invention consists in certain novel details of construction and combination of parts herein-after fully described and claimed, it being understood that various modifications may be made in the minor details of construction within the scope of the appended claim.

In the accompanying drawing forming part of this specification:—Figure 1 is a detail perspective view of a share embodying my improvements. Fig. 2 is a plan view of the share.

The share comprising the subject-matter of this invention is preferably formed from a single blank of material and comprises outwardly bowed divergent wings 10 and 11, and a bowed tongue 12 extending rearwardly from the meeting of the wings and midway between the wings. The share is preferably formed of sheet metal, and is so constructed that the lower edges of the wings bear with their entire lengths upon the soil when the device is attached to a plow beam. Furthermore, the bowed tongue 12 is adapted to extend along and conform to the curvature of the front face of the plow beam, and is secured to the latter

through the instrumentality of a heel bolt 13. An arched brace 14 is bolted or otherwise secured as shown at 15 to the inner faces of the wings adjacent to their rear ends, the bight in the brace bearing upon the uppermost face of the tongue and being rigidly fixed thereto through the instrumentality of the above mentioned heel bolt 13 as clearly shown in Fig. 1. This brace reinforces the tongue and wings against relative spreading. The brace 14 is preferably formed from a flat strap of metal and by virtue of being bolted to the wings and to the tongue may be easily removed to permit of proper manipulation of the share when grinding. A straight strap metal brace 16 is terminally bolted as shown at 17 to the inner faces of the wings adjacent to the extreme outer ends of the wings, and co-operates with the strap brace 14 in preventing spreading movement of the wings.

From the above description it will be seen that a skeleton share has been provided through which soil may escape without clogging of the share, which clogging is a source of great annoyance to the plow-man and causes the loss of much time as the team must be stopped and the earth removed from the share from time to time. Furthermore a rigid one piece point is formed, the members of which are positively braced against relative distortion when under load.

What is claimed, is:—

A plow share comprising spaced divergent outwardly bowed wings, a plow beam engaging tongue integral with the wings at their meeting and extending midway therebetween, an arched brace secured at its bight to the free end of said tongue and terminally secured to said wings, and a brace extending transversely across the space between the wings and terminally secured to said wings.

In testimony whereof, I affix my signature, in presence of two witnesses.

JAMES H. WRIGHT.

Witnesses:

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