

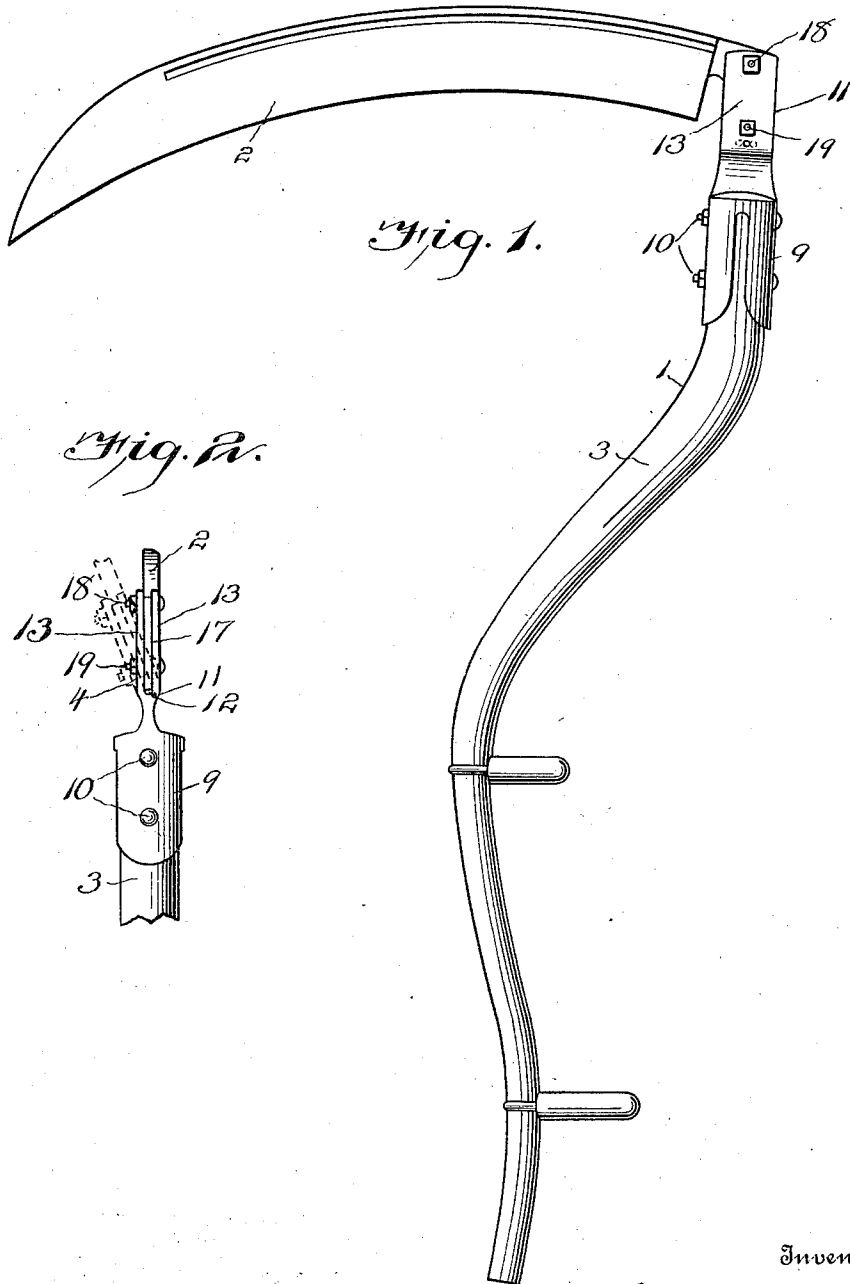
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SCYTHE.

APPLICATION FILED OCT. 23, 1911.

1,030,794.

Patented June 25, 1912.

2 SHEETS-SHEET 1.



Witnesses

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2 SHEETS-SHEET 2.

Fig. 3.

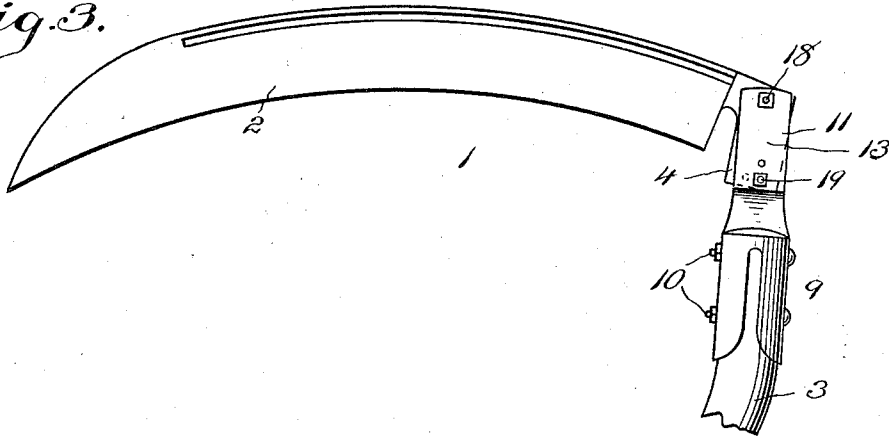


Fig. 4.

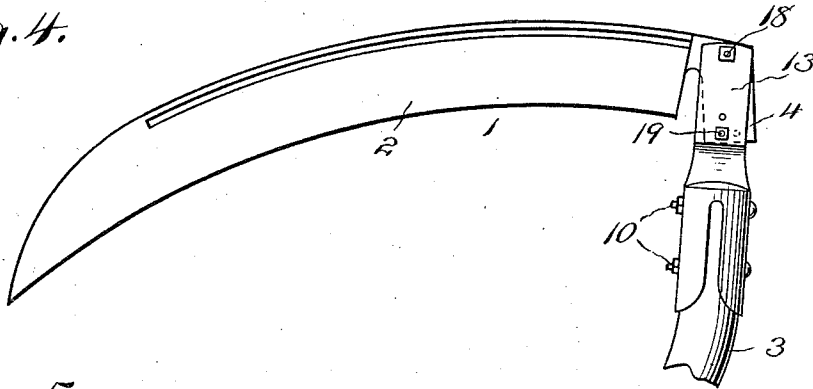
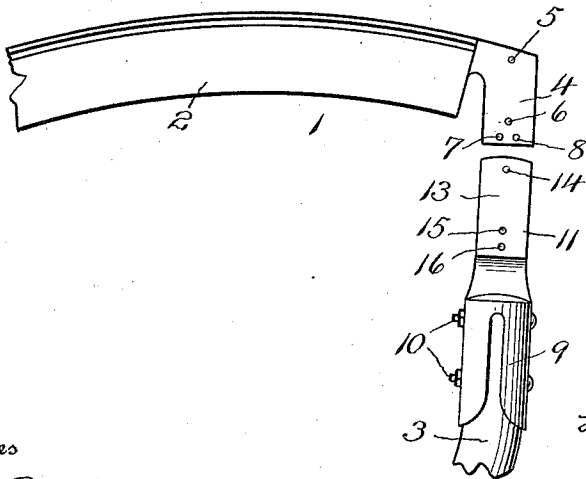


Fig. 5.



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To all whom it may concern:

Be it known that I, HENRY E. SCOTT, a citizen of the United States, residing at Goldsboro, in the county of Wayne and State of North Carolina, have invented certain new and useful Improvements in Scythes; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements in scythes, but more particularly to an improved construction for connecting the scythe blade to the snathe or handle in such manner that a greatly improved implement is obtained.

The invention has for its object to provide a scythe which is stronger, more rigid, and less liable to breakage than the implements now in general use.

The invention also has for its object to provide a scythe so constructed and arranged that angularity of the blade can be altered or adjusted with relation to the snathe or handle to meet different requirements and the purposes of the user.

With these objects in view the invention consists in the novel construction of the snathe end of the blade and in the novel construction of the connecting socket at the blade end of the snathe or handle.

Like numerals of reference indicate the same parts throughout the several figures in which;

Figure 1 is an elevation of a scythe constructed in accordance with this invention. Fig. 2 is a rear elevation of the same illustrating the handle broken away. Fig. 3 is an elevation illustrating the scythe in one adjusted position. Fig. 4 is an elevation illustrating the scythe in the other adjusted position, and Fig. 5 is an elevation illustrating the snathe removed from the handle.

1 indicates the scythe comprising the blade 2 and the snathe or handle 3. The blade 2 is of usual construction except that a flat extension 4 is formed on the snathe end of the blade substantially at right angles to the blade, said extension being shaped as shown in the drawings, and provided with four holes or perforations. The uppermost hole or perforation 5 is located

near the outer edge of the extension 4 while the intermediate hole or perforation 6 is located near the inner edge of the said extension, the two holes or perforations 7 and 8 being located just above the inner edge of the said extension as shown in Fig. 5.

Referring to the snathe 3, it will be seen that it is of usual shape and form except that at the blade end thereof I provide a connecting socket 9 into which the end of the snathe snugly fits, two bolts 10 passing through the snathe and socket as clearly shown in order to rigidly secure the said socket to the snathe as is clearly apparent from the drawings. The said socket is provided with a flattened shank 11 which is bifurcated at 12 to form two flat face portions 13 which are each provided with three holes or perforations 14, 15 and 16 arranged in a vertical line as shown, the perforation 14 being located near the outer end of the socket, while the intermediate perforation 15 is located near the bottom of the slot 17, the perforation 16 being below the perforation 15 and directly thereunder as is clearly shown.

Having thus fully described the construction of my invention its operation is as follows: The extension 4 on the blade 2 is of a width to snugly fit with the slot 17 of the socket 9 and to lie between the flat portions 13 thereof as is clearly shown in Fig. 1. When the parts are in this position a bolt 18 is passed through the perforation 14 in the socket member and through the perforation 5 in the extension 4, said perforations registering when the parts are in position as shown in the drawings. As will clearly appear from the drawings the intermediate perforation 15 in the socket member and the intermediate perforation 6 of the extension 4 register when the parts are in position shown in Fig. 1, which is the normal position of the scythe, while both perforations 7 and 8 on the extension 4 will register with the perforation 16 in the socket member as is clearly shown in Figs. 3 and 4, the bolt 18 acting as a pivot on which the blade swings in order to bring the last mentioned perforations into registering line as shown.

When the scythe is to be used in its normal position a bolt 19 is passed through the intermediate perforation 15 in the socket member 9 and through the intermediate perforation 6 in the extension 4. When, however, it is desired to alter or adjust the

angularity of the blade with relation to the snathe said bolt 19 is withdrawn and the blade is swung on the pivotal bolt 18 until one or the other of the perforations 7 and 8 in the extension 4 register with the perforation 16 in the socket member 9 to increase or diminish the angle between the snathe and the blade as shown in Figs. 3 and 4, the bolt 19 being inserted in the registering perforations and secured.

By means of this construction an extremely strong and rigid connection is effected between the blade and the snathe which point is the weakest in implements now in common use, while the blade can be quickly and easily removed from the snathe and a quick and easy adjustment of the angle of the blade in relation to the snathe can be effected.

As shown in dotted lines in Fig. 2 the flattened shank of the socket is reduced in thickness in such manner as to allow the socket to be bent as shown in order to permit flexibility or bending between the scythe and the scythe handle as will be apparent from the construction shown in dotted lines in the above mentioned figure.

Having thus fully described my invention it is apparent that slight changes can be made therein without departing from the limit and scope of the invention and I consider myself clearly entitled to all such changes and modifications.

I claim—

1. A scythe comprising a snathe and a snathe handle, a socket into which the snathe handle enters, fastening means to secure the socket rigidly on the handle, a flattened shank formed on said socket a portion of which is bifurcated, the portion of said shank between the bifurcated portion and the socket proper being reduced in thickness to provide for bending at the shank in order to throw the bifurcated portion out of normal alinement with the socket proper, the said bifurcated portion of the socket being provided with three transverse perforations, an extension formed on the handle end of the snathe, said extension being adapted to enter the said bifurcated portion of the socket, said extension being provided with four transverse perforations to register with the perforations in the bifurcated portion of the socket one perforation in the said extension and one perforation in the bifurcated portion of the socket registering with each other to allow the snathe to pivot in the said bifurcated portion of the socket, the other perforations in the said extension and in the said bifurcated portion of the socket registering to receive means to maintain the said snathe in proper position in relation to the said bifurcated portion of the socket, the whole arranged in such manner as to

adjust the angularity of the snathe in relation to the handle, substantially as described and for the purposes set forth.

2. A scythe comprising a snathe and a snathe handle, a socket into which the snathe handle enters, fastening means to secure the socket rigidly on the handle, a flattened shank formed on said socket, a portion of which is bifurcated, the portion of said shank between the bifurcated portion and the socket proper being reduced in thickness to provide for bending at the shank in order to throw the bifurcated portion thereof out of normal alinement with the socket proper, the said bifurcated portion of the socket being provided with a plurality of transverse perforations, an extension formed on the handle end of the snathe, said extension being adapted to enter the said bifurcated portion of the socket, said extension being provided with a plurality of perforations, one perforation in said extension and one perforation in said bifurcated portion of the socket being adapted to register with each other to allow the said snathe to pivot in the said bifurcated portion of the socket, the other perforations in said extension and in said bifurcated portion of the socket being adapted to register with each other to maintain the said snathe in proper position in relation to the snathe handle, the whole arranged in such manner as to alter the angularity of the snathe in relation to the handle, substantially as described and for the purposes set forth.

3. A scythe comprising a snathe and a snathe handle, a socket into which the snathe handle enters, fastening means to secure the socket rigidly on the handle, a flattened shank formed on said socket, a portion of which is bifurcated, the portion of said shank between the bifurcated portion and the socket proper being reduced in thickness to provide for bending at the shank to throw the bifurcated portion thereof out of normal alinement with the socket proper, an extension formed on the handle end of the snathe, said extension being adapted to enter the said bifurcated portion of the socket, and means for pivoting the said snathe within the bifurcated portion of the socket, and means for securing the said snathe within the bifurcated portion of the socket in such manner as to hold said snathe in proper relative position to the snathe handle, substantially as described and for the purposes set forth.

4. A scythe comprising a snathe and a snathe handle, a socket into which the snathe handle enters, fastening means to secure the socket rigidly on the handle, a bifurcated shank formed on said socket and extending therefrom beyond the said handle, an extension formed on the handle

end of the snathe adapted to enter the bifurcated shank on said socket, and means for pivoting the said extension within the bifurcated shank on said socket and for securing
5 the said bifurcated shank within the said socket against movement, the whole arranged for the purpose of altering the angularity of the said snathe in relation to

the said handle, substantially as described and for the purposes set forth.

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

HENRY E. SCOTT.

Witnesses:

DE WITT T. SCOTT,

LEE PITTMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."