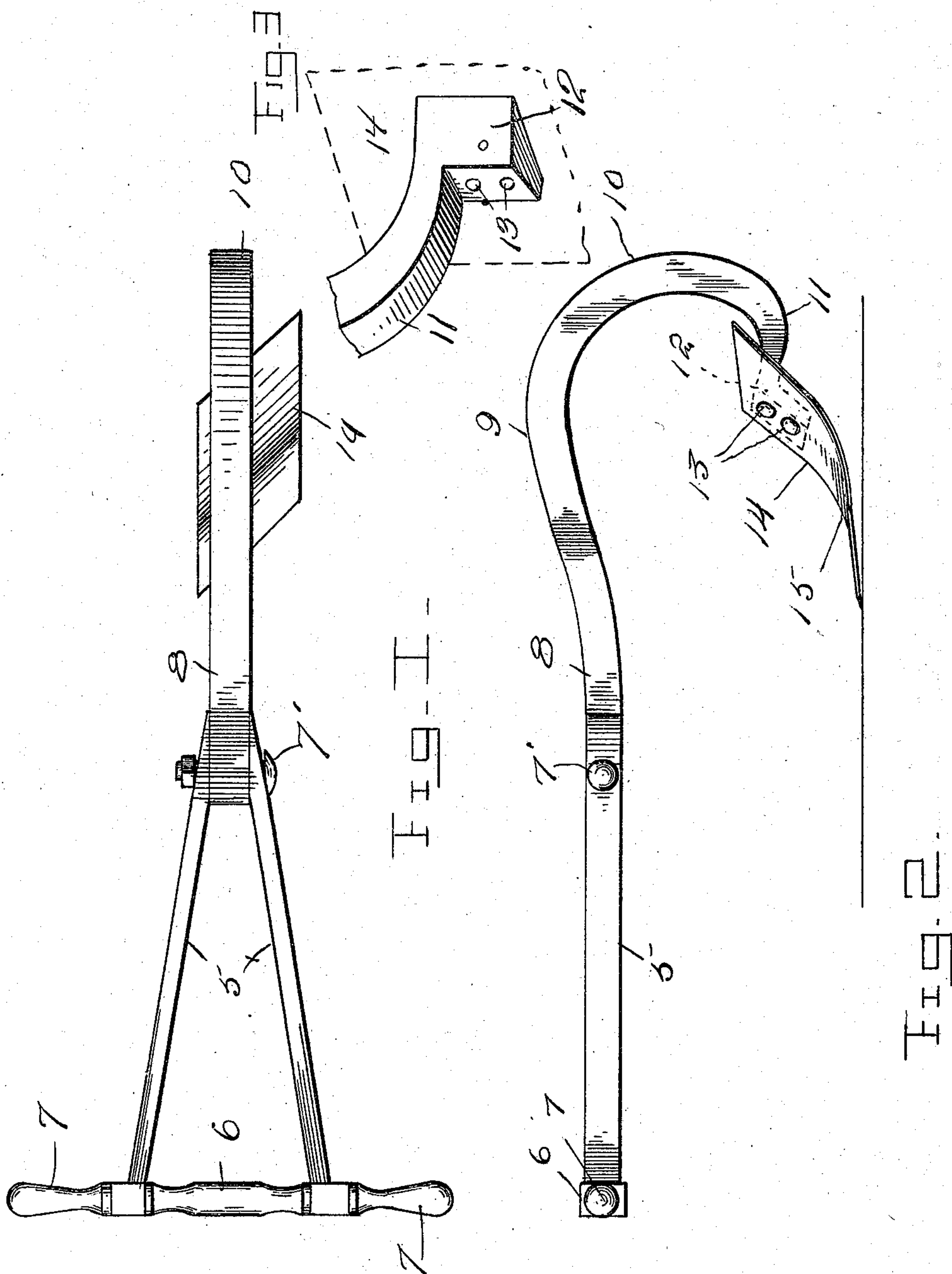


No. 840,679.

PATENTED JAN. 8, 1907.

G. H. YARBROUGH.
HAND CULTIVATOR.

APPLICATION FILED JUNE 1, 1906.



Witnesses

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UNITED STATES PATENT OFFICE.

GUSTAVUS H. YARBROUGH, OF WAVERLY, TENNESSEE.

HAND-CULTIVATOR.

No. 840,679.

Specification of Letters Patent.

Patented Jan. 8, 1907.

Application filed June 1, 1906. Serial No. 319,789.

To all whom it may concern:

Be it known that I, GUSTAVUS H. YARBROUGH, a citizen of the United States, residing at Waverly, in the county of Humphreys, State of Tennessee, have invented certain new and useful Improvements in Hand-Cultivators; 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 cultivators, and more particularly to that class known as "hand-cultivators," and has for its primary object to provide a device of this character in which the shovel-standard is of such construction that the major portion of its weight will be thrown upon the shovel, thereby avoiding the use of weights.

The invention also resides in the provision of a device of this character having a novel form of handle by means of which the implement may be held against turning caused by striking stones and the like.

In the accompanying drawings, Figure 1 is a top plan view. Fig. 2 is a side elevation. Fig. 3 is a detail perspective view of the enlarged end of the beam.

Referring more specifically to the drawings, the numeral 5 denotes a pair of handle-bar beams which are connected at their rear ends by means of a handle-bar 6, which has its end portions 7 extending beyond the adjacent beams 6 and rounded to form handles. From the handle-bar 6 the handle-bar beams 5 converge forwardly, and secured by means of a bolt 7 between their extreme forward ends is the upper and rear end of the shovel-standard 8. From its point of connection with the said beams the standard 8 extends forwardly and slightly upwardly, as at 9, and is thence curved forwardly and downwardly, as at 10, after which its lower end portion is curved forwardly, as at 11.

At the extreme lower end of the standard 8 there is formed a downwardly-directed shoe 12, which has its rear face in a plane at an angle to the plane in which the forward face thereof is located. Secured by means of bolts 13 to the said front face of the shoe 12 is a cultivator-shovel 14, which, as here shown, has its lower end portion directed forwardly, as at 15, in such a plane that when the implement is in use the said forwardly-directed portion is nearly parallel to the ground.

From the foregoing it will be seen that nearly the entire standard 8 lies directly above the shovel 14 to throw its weight thereon and that by positioning the handles 7 as shown the implement may be effectually held against twisting.

It is to be understood that I do not desire to be limited to the exact details of construction shown and described, for obvious modifications will occur to a person skilled in the art.

What is claimed is—

An implement of the class described comprising handles, a shovel-standard connected with the handles, said standard being curved rearwardly and downwardly and thence forwardly, the extreme lower end of said standard being enlarged to form a shoe which extends below the body portion of the standard, the said shoe having a straight rear face and having its forward face disposed at an angle to its rear face, and a shovel-blade secured to the forward face of the shoe, substantially as described.

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

GUSTAVUS H. YARBROUGH.

Witnesses:

JNO. G. LUCAS,
D. D. COLLIER.