

No. 790,196.

PATENTED MAY 16, 1905.

E. ENGLISH.
POTATO DIGGER.
APPLICATION FILED DEC. 19, 1903.

Fig. 1.

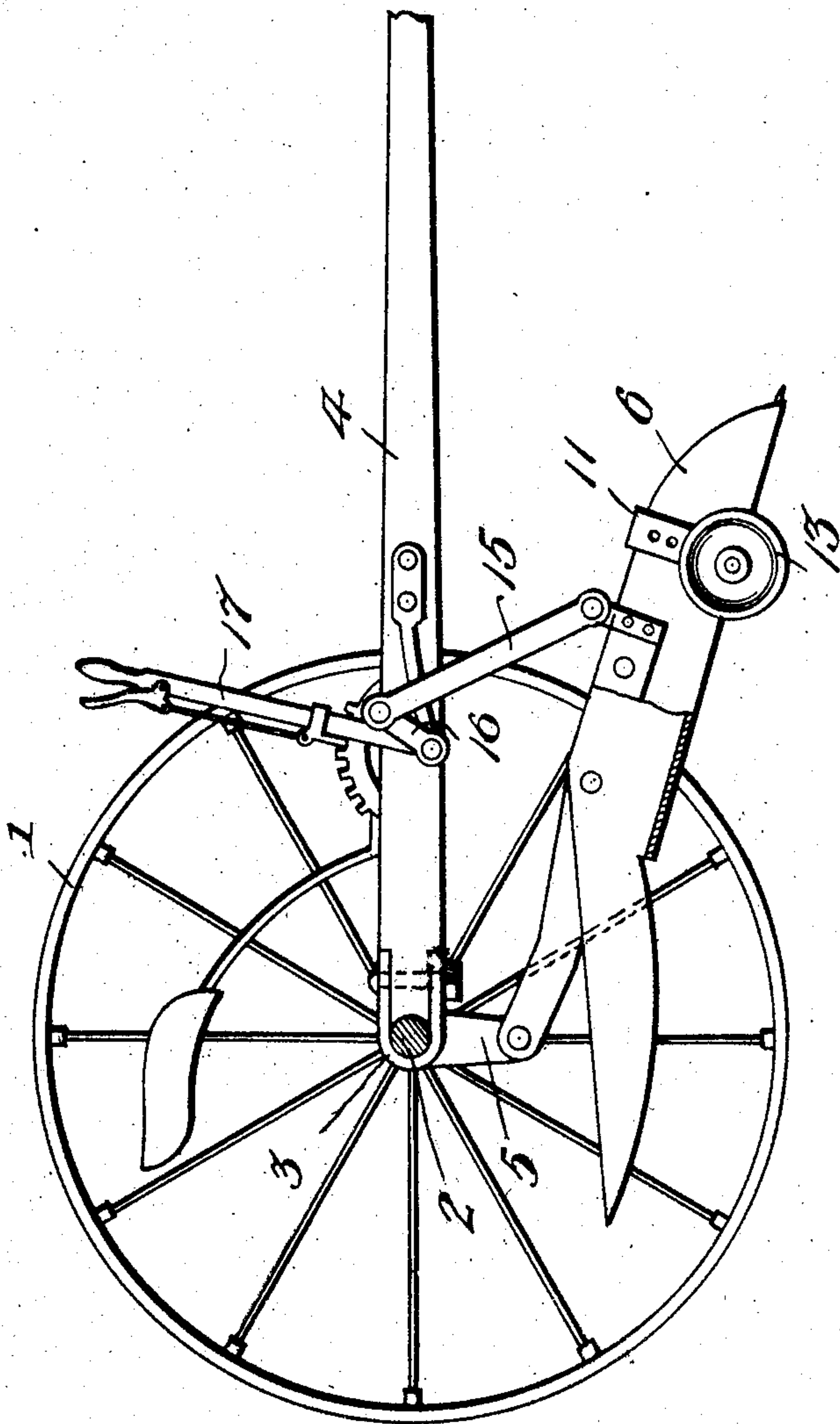
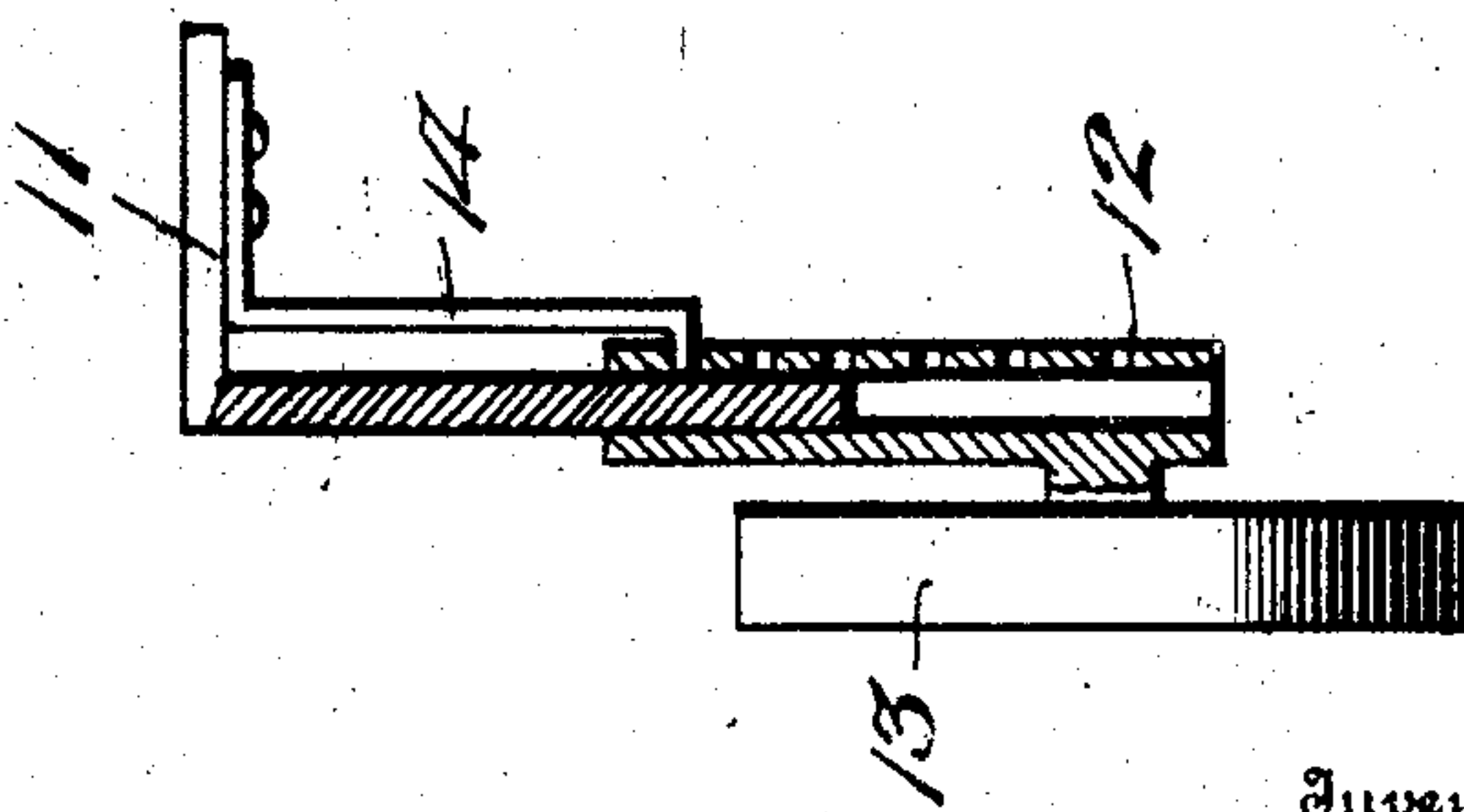


Fig. 2.



Witnesses

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ELI ENGLISH, OF HOOSICK FALLS, NEW YORK.

POTATO-DIGGER.

SPECIFICATION forming part of Letters Patent No. 790,196, dated May 16, 1905.

Application filed December 19, 1903. Serial No. 185,905.

To all whom it may concern:

Be it known that I, ELI ENGLISH, a citizen of the United States, residing at Hoosick Falls, in the county of Rensselaer and State of New York, have invented new and useful Improvements in Potato-Diggers, of which the following is a specification.

This invention relates to potato-diggers having pivotally-mounted shovels.

The objects of the invention are to improve and simplify the means for supporting the shovel.

With the foregoing and other minor objects in view the invention resides in the particular combination and arrangement of parts and in the precise details of construction hereinafter described and claimed as a practical embodiment thereof.

In the accompanying drawings, forming part of this specification, Figure 1 is a sectional view, partly in elevation, of the improved potato-digger. Fig. 2 is a detailed sectional view of the wheel-supporting means of the shovel.

Referring to the figures by numerals of reference, 1 represents the wheels of the machine, which are secured to and are revoluble with an axle 2, which rotates within a bearing 3, secured to the rear end of the tongue 4. Pivotally connected with a bracket 5, supported from the axle, is a shovel 6. This shovel is supported at the sides by a hanger 11, prefer-

ably L shape in form and projecting into casings 12, on the sides of which are journaled wheels 13. The hangers 11 are secured in adjusted position within the casing 12 by means of spring locking-arms 14, which are adapted to project into any one of a series of apertures formed in the casing. The shovel is adapted to be raised or lowered by means of a link 15, connected with an arm 16 of a lever 17.

The improvements of this invention are strong, simple, durable, and inexpensive in construction.

It will be understood that any desired means for breaking clods of earth may be used in connection with the shovel 6.

Having thus described the invention, what is claimed as new is—

A potato-digger, having a pivotally-mounted shovel, L-shaped hangers on said shovel, casings into which the said hangers project, said casings being longitudinally adjustable on the hangers, spring locking-arms having lugs for securing said casings in adjusted position on said hangers, and a wheel connected with each casing.

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

ELI ENGLISH.

Witnesses:

CHARLES ENGLISH,
THOMAS J. ST. GEORGE.