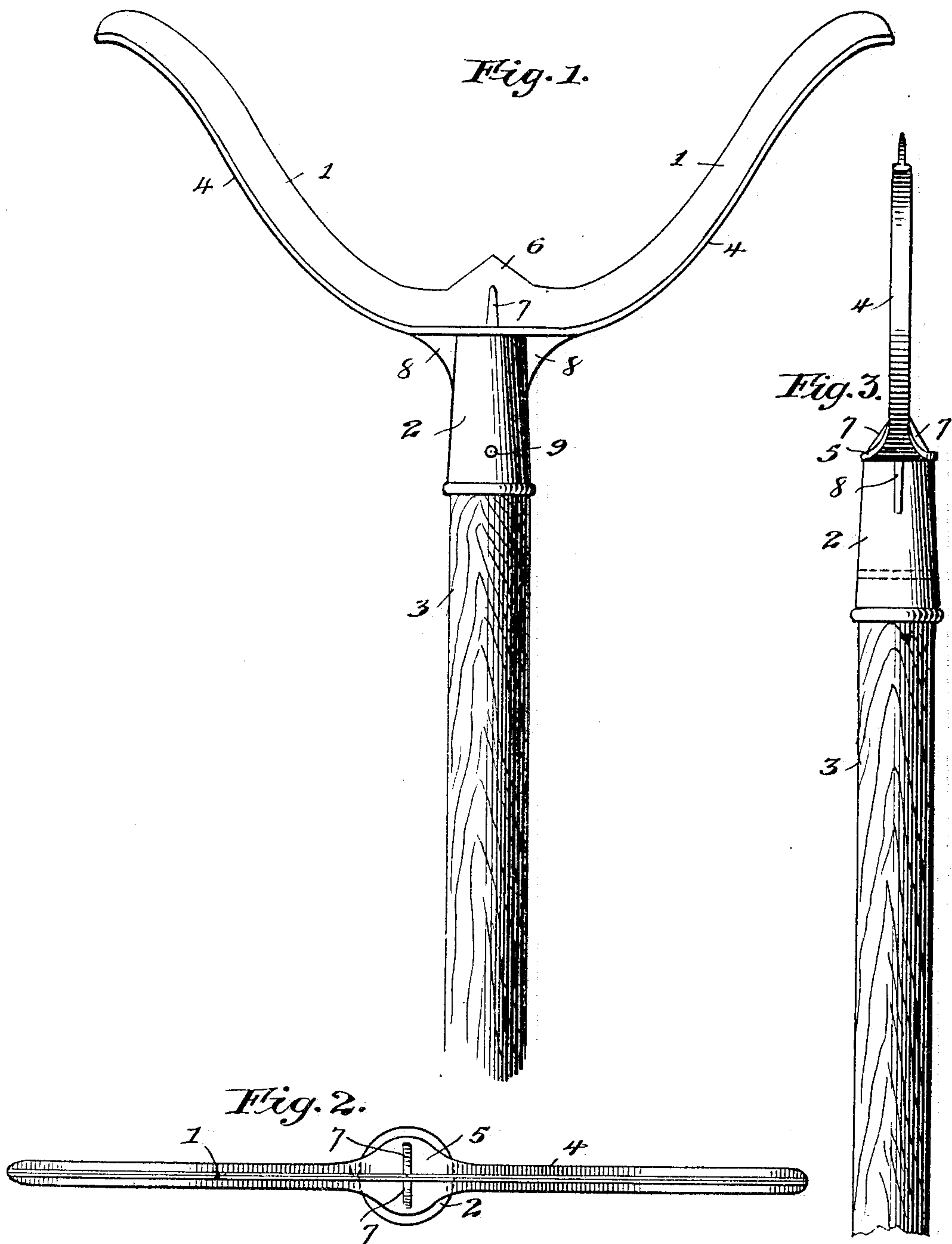


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J. P. TURNEY.  
RAISING FORK FOR TELEGRAPH POLES.  
APPLICATION FILED OCT. 3, 1904.



Witnesses  
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# UNITED STATES PATENT OFFICE.

JAMES P. TURNEY, OF CHICAGO, ILLINOIS.

## RAISING-FORK FOR TELEGRAPH-POLES.

SPECIFICATION forming part of Letters Patent No. 781,973, dated February 7, 1905.

Application filed October 3, 1904. Serial No. 227,020.

*To all whom it may concern:*

Be it known that I, JAMES P. TURNEY, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Raising-Forks for Telegraph-Poles, of which the following is a specification.

This invention relates to raising-forks for telegraph-poles and the like, and has among its objects to provide a fork of the character referred to possessing great strength at its base or stem for resisting lateral strain when in use, to provide a fork and socket cast in one piece with reinforcing webs or fillets formed integrally therewith, to provide fork arms or prongs with upset or reinforced rear edges and sharpened inner or upper edges whereby to strengthen said arms or prongs and to facilitate their taking hold upon the logs or poles being handled, and in general to provide an improved construction possessing great strength and durability and which can be economically manufactured.

The invention will be readily understood from the following description, reference being had to the accompanying drawings, illustrating the preferred embodiment of the invention, and in which—

Figure 1 is a front elevation of the invention with a portion of the handle broken off. Fig. 2 is a top plan view, and Fig. 3 is a side elevation of the same.

Referring to the drawings, 1 designates the arms or prongs of the fork, and 2 the stem or socket adapted to receive and be secured to a handle 3, shown in fragment, but normally twelve or eighteen feet long. The fork arms or prongs and socket are made in one piece out of cast-steel, cast malleable, drop-forging, or the like, and the rear or lower edge of the arms or prongs 1 is provided with a reinforcing-rib 4, which widens at the stem or socket 2 to a width corresponding to the diameter of said socket, as indicated at 5 5. The upper edges of the arms 1 are made blade-like or sharpened to facilitate their taking hold upon the poles and preventing their slipping, and at their juncture, just above the stem or socket 2, is formed an upwardly-projecting spear-

like point 6, also made sharp, to still further facilitate the holding and handling of the pole.

7 7 designate a pair of oppositely-disposed webs or fillets formed on the opposite sides of said point 6 and in the angle between the widest portion of the rib 4 over the stem 2 and the point portion of the arms or prongs, while 8 8 designate a second pair of reinforcing webs or fillets formed on the under side of said rib 4 in the angle between said rib and the stem 2, said pairs of reinforcing webs or fillets being integrally formed with the fork and stem and being transversely disposed with relation to each other, whereby to strengthen said fork at the stem to withstand lateral strain while prying and lifting the heavy poles into place.

The handle is of any suitable material, preferably of fir wood, and is seated in the socket 2 and secured therein by means of a rivet or other holding member passed through the holes 9 in the stem or socket wall.

While I have shown the preferred construction, it is obvious that alterations and modifications in the form and construction can be made without departing from the spirit of the invention, and I do not, therefore, limit the invention to the details shown except in so far as they are made the subject-matter of specific claims.

I claim—

1. A fork for raising telegraph-poles and the like, comprising a pair of upwardly and outwardly projecting blade-like arms terminating at their juncture in an integrally-formed socket adapted to receive the end of a handle, the upper edge of said arms being sharpened to prevent slipping, substantially as described.

2. A fork for raising telegraph-poles and the like, comprising a pair of upwardly and outwardly projecting arms terminating at their juncture in an integrally-formed socket adapted to receive the end of a handle, said fork being provided with an integrally-formed point at the juncture of said arms, and the upper edge of said arms and said point being sharpened, substantially as and for the purpose described.

3. A fork for raising telegraph-poles and the like, comprising a pair of upwardly and out-



wardly projecting arms provided at their rear or under edge with an integrally-formed reinforcing-rib and sharpened as to their upper edges, said arms terminating at their juncture in an integrally-formed handle-receiving socket, substantially as described.

4. A fork for raising telegraph-poles and the like, comprising a pair of blade-like arms terminating at the fork in an integrally-formed handle-receiving socket, said arms being provided on their rear or under edge with integrally-formed reinforcing-ribs merging into said socket-wall, and a plurality of reinforcing webs or fillets in the angles formed between the arms and the stem or socket, substantially as and for the purpose described.

5. In a fork for raising telegraph-poles or the like, a semicircular blade-like member made sharp on its inner edge and provided on its rear edge with a reinforcing-rib, a

handle-receiving socket formed integrally therewith, and a plurality of integrally-formed webs or fillets in the angle between the socket-stem and the rib, and between the rib and the blade-like member, substantially as described.

6. A fork for raising telegraph-poles and the like, the fork member of which is formed integrally or in one piece and comprises a socket member and a pair of oppositely-disposed branching arms having sharpened inner edges and ribbed outer edges, said ribs being continuous across the upper end of the socket and strengthening ribs or fillets disposed on opposite sides of the socket and above and below said continuous ribs, substantially as described.

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Witnesses:

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