No. 776,764. PATENTED DEC. 6, 1904.

G. E. SQUIRE.

BRACKET.

APPLICATION FILED APR. 12, 1904.

NO MODEL.

Fig. 2.

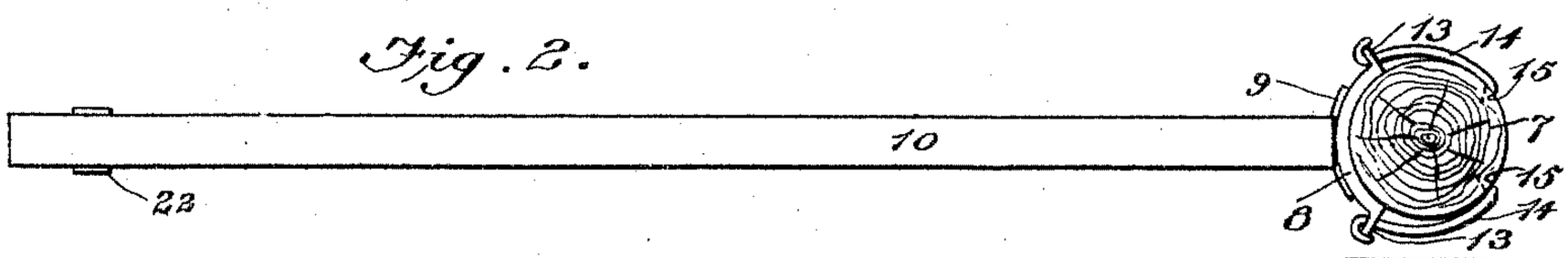

Fig. 1.

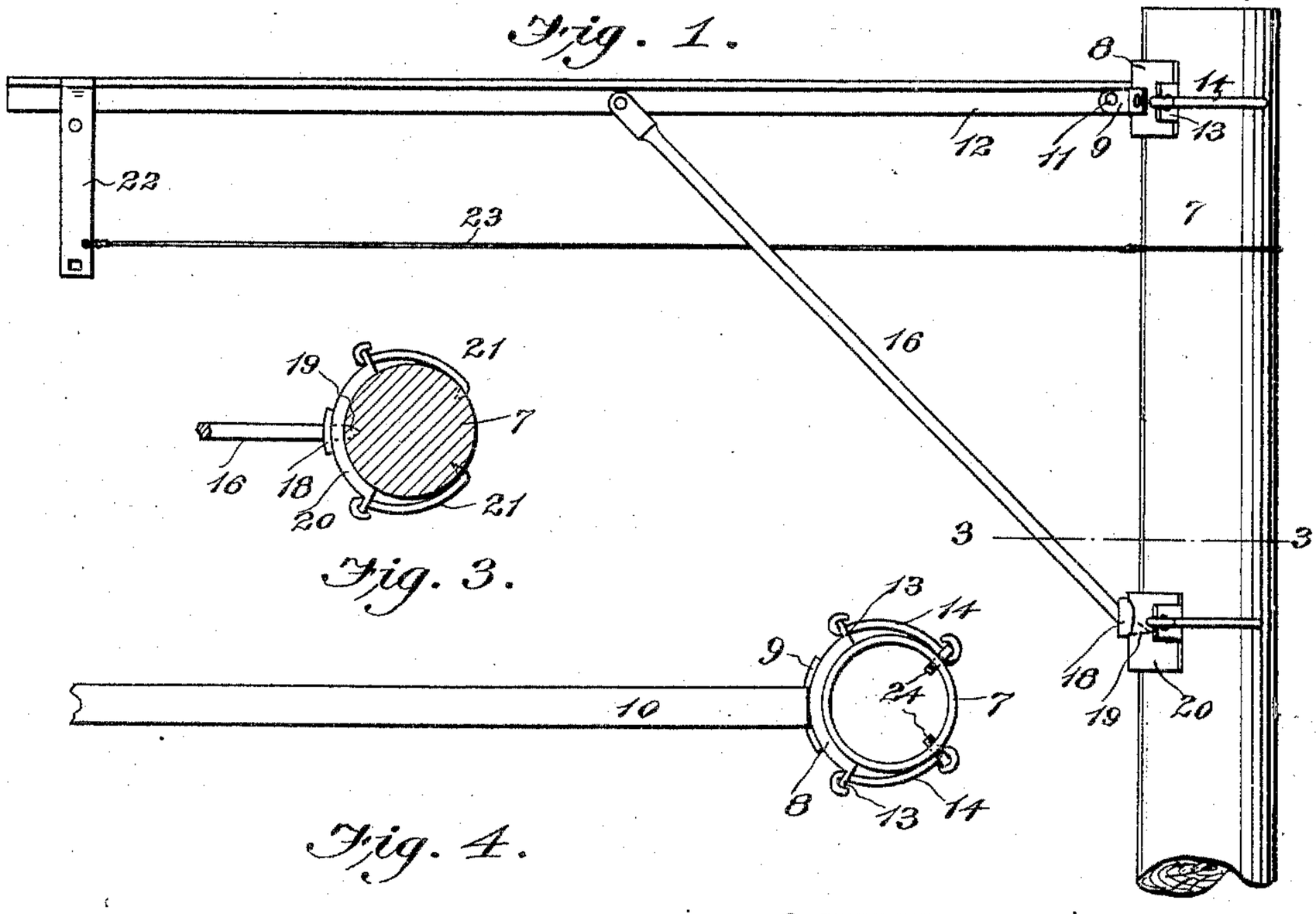

Fig. 3.

Fig. 4.

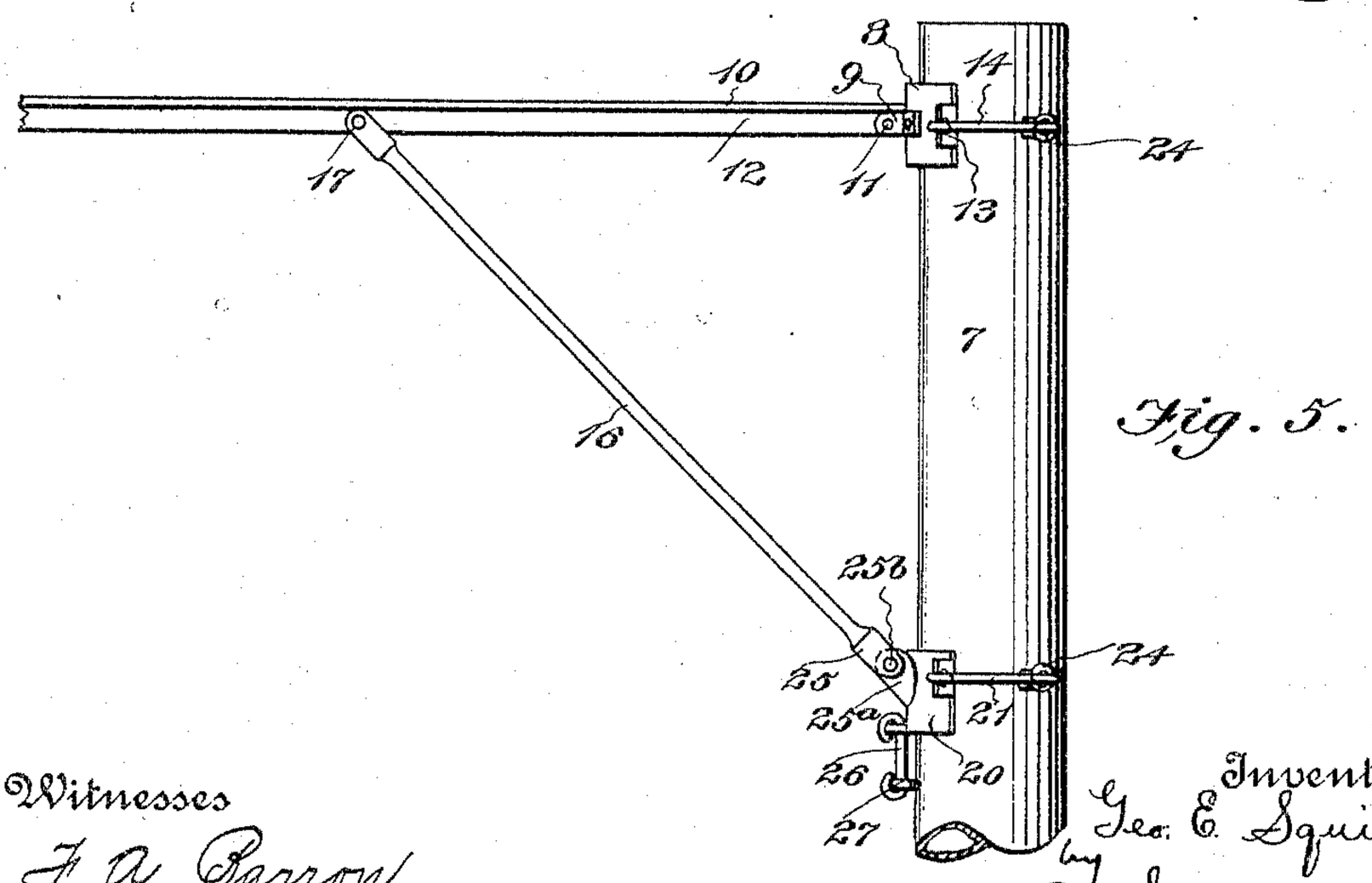

Fig. 5.

Witnesses
F. A. Barron.
M. A. Schmidt

Inventor
Geo. E. Squire.
by Milo B. Stevens & Co.
Attorneys

No. 776,764. Patented December 6, 1904.

UNITED STATES PATENT OFFICE.

GEORGE E. SQUIRE, OF BELLINGHAM, WASHINGTON.

BRACKET.

SPECIFICATION forming part of Letters Patent No. 776,764, dated December 6, 1904.

Application filed April 12, 1904. Serial No. 202,778. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. SQUIRE, a citizen of the United States, residing at Bellingham, in the county of Whatcom and State of Washington, have invented new and useful Improvements in Brackets, of which the following is a specification.

My invention relates to brackets, and more particularly to brackets for supporting an overhead trolley-wire.

The object of the invention is to provide a device of this kind which can be readily put up and which shall be simple in construction and securely support the wire.

With these objects in view the invention consists in an arrangement and combination of parts hereinafter described and claimed, and shown in the accompanying drawings, in which—

Figure 1 is an elevation of the bracket. Fig. 2 is a top plan view thereof. Fig. 3 is a horizontal section on the line 3 3 of Fig. 1. Figs. 4 and 5 are plan and side elevation, respectively, of a modification.

Referring specifically to the drawings, 7 denotes a trolley-pole. In Figs. 1 to 3 a wooden pole is shown, and the construction disclosed in these views is particularly adapted to that kind of a pole. The modification shown in Figs. 4 and 5 is intended to be used in connection with a metallic pole. At 8 is indicated a plate which has on its face projecting ears 9, to which the bracket-arm 10 is hinged, as at 11. Said arm is preferably a bar of T-iron, the web 12 of which extends between the ears 9. The plate is placed against the pole and has at each end a projecting lug 13, provided with an eye or perforation in which the hooks 14 are secured, said hooks being for the purpose of fastening the plate to the pole. They extend partly around the pole and have sharp points 15, which are driven into the same. At 16 is indicated a brace-rod which has a forked outer end between which the web 12 of the bracket-arm extends and to which it is bolted, as at 17. The inner end of the brace has a collar 18 and beyond that a sharp point 19, which is driven into the pole through a hole in a plate 20, the collar 18 bearing in contact with the face of the plate. This plate is fastened to the pole by hooks 21 in the same manner as the plate 8, heretofore described. At 22 is indicated a wire-hanger, which is bolted to the outer end of the bracket-arm, and from which the trolley-wire is suspended. It is braced by a guy-wire 23, extending to and secured to the pole. Inasmuch as the brace is between the fixed end of the bracket-arm and the load the bracket will be securely held in its proper position, and any increase of the load will only serve to tighten the grip of the hooks and the point of the brace-rod.

In Fig. 4 a hollow cast-iron pole is shown. In this case eyebolts 24 are screwed into the pole to receive the hooks 14 and 21, which need not have a sharpened point, as in the construction heretofore described. The brace-rod has a forked inner end 25 and the plate 20 a projection 25^a, extending between the fork and to which it is bolted, as at 25^b. In addition to the hooks 21 the plate 20 also carries a hook 26 near the bottom thereof, which engages an eyebolt 27, screwed into the pole below said plate.

Both forms of brackets described above are adaptable to various uses other than the one described above. They are simple in construction, and therefore can be easily and rapidly put up and will effectively support the wire.

Having thus described my invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. The combination with a support, of plates thereon carrying hooks to engage the support, a bracket-arm hinged to one of the plates and a brace extending from the bracket-arm and having its inner end supported in the other plate.

2. The combination with a support, of a plate thereon carrying hooks having sharp points extending into the support, a bracket-arm hinged to the plate, and a brace extending from the bracket-arm to the support and having a sharp point extending into the support.

3. The combination with a support, of plates

thereon carrying hooks having sharp points to enter the support, a bracket-arm hinged to the upper plate, a brace extending from the bracket-arm to the support and through the lower plate and having a sharp point extending into the support.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEO. E. SQUIRE.

Witnesses:
C. E. BARNES,
M. I. RANDALL.