No. 755,413. PATENTED MAR. 22, 1904.

S. J. TERRY.

POLE.

APPLICATION FILED APR. 28, 1903.

NO MODEL.

Fig. 1.

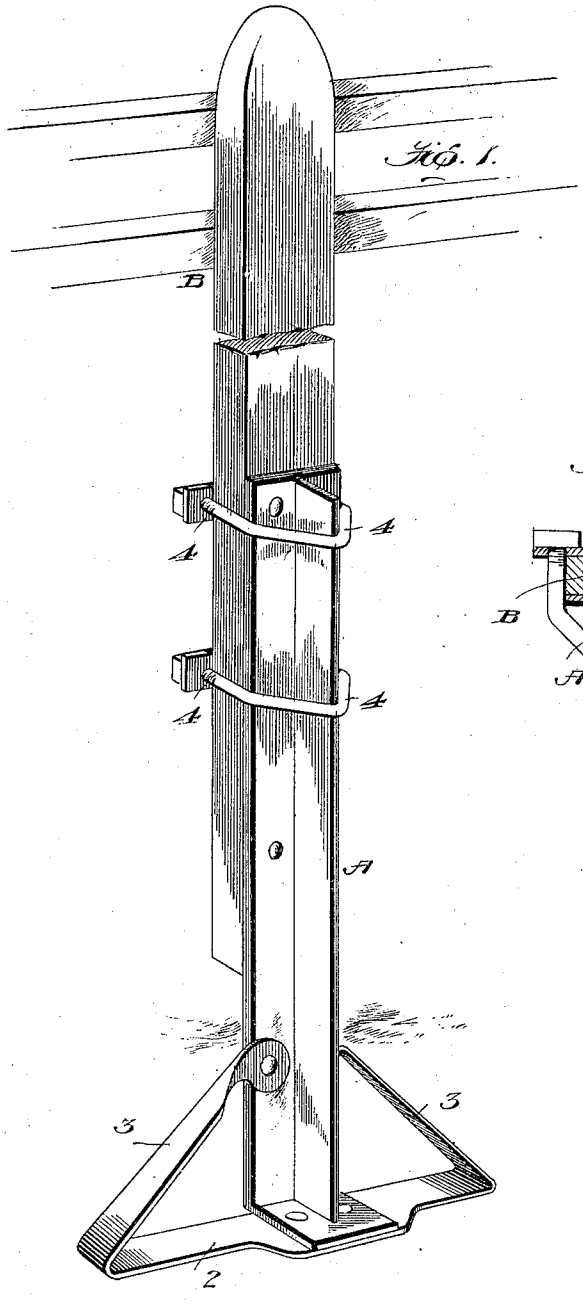
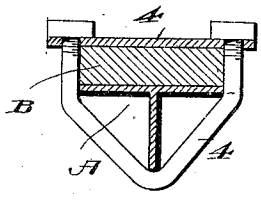


Fig. 2.



Witnesses

Edward E. Hodges

Stephen J. Terry Inventor

by Addison G. D'Bois

his Attorney.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 755,413. Patented March 22, 1904.

UNITED STATES PATENT OFFICE.

STEPHEN J. TERRY, OF LAWTON, PENNSYLVANIA.

POLE.

SPECIFICATION forming part of Letters Patent No. 755,413, dated March 22, 1904.

Application filed April 28, 1903. Serial No. 154,670. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN J. TERRY, a citizen of the United States, and a resident of Lawton, in the county of Susquehanna and State of Pennsylvania, have invented a new and useful Improvement in Poles, of which the following is a specification.

My invention relates to an improvement in poles for telegraph, telephone, electric-light, and trolley wires; and the object is to provide a durable and inexpensive post for the above purposes in which a minimum amount of wood is required and in which the wooden portion can be removed and replaced at any time without disturbing the position of the pole in the ground, which change always requires time, the employment of a gang of men, and is correspondingly expensive in its practice.

With the foregoing objects in view this invention consists in a pole made partly of wood and partly of metal, the metal portion adapted to be securely anchored in the ground and the upper portion composed of wood capable of being adjusted or removed at pleasure from its position with relation to the lower metal portion.

My present invention further consists in certain novel features of construction and combinations of parts, which will be hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in perspective of my improved pole, and Fig. 2 is a horizontal section.

A represents the lower section of the pole, and B the upper section, the latter being of wood and the former of T-rolled metal by preference, so that it is flat on one side and ribbed on the other, as at 1. A base-plate 2 is secured on the bottom, upon which the pole is supported, and from it the side braces 3 3 extend upwardly, being secured at their upper ends to the opposite sides of the metal section A of the pole. The upper section may be of any preferred form in cross-section—namely, round, semicircular, or flat—it being clamped to the metal section A by the clips 4 4 or otherwise. In fact, it is perfectly feasible and contemplated by my invention to replace old poles decayed or rotted at the base by sawing them off and clamping the upper portion to the metal section A, thus saving the process now in vogue of disconnecting all of the wires whenever a pole is taken down or replaced. When thus used, this metal section is first anchored in the ground by means of cement or otherwise and then clamping the upper portion of the old pole thereto. Also in this connection mention may be made of the facility with which a pole of this character may be placed. As it is my purpose in replacing an old pole with my new one to first set the lower section A and then run up the wooden section through the wires to the required height, clamping it to the lower section A, when that height is attained. Then fastening the cross-bars before loosening the wires from the original pole, thus saving much trouble of tangled wires for the lineman.

Thus it will be seen that all of the advantages of a metal pole are attained without any of the disadvantages, among which may be mentioned the tendency of metal to short-circuit the current or weaken its intensity and at the same time the amount of wood used is greatly reduced, while getting the benefit of its superior qualities for the use to which it is placed.

It is evident that slight changes might be made in the form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I do not wish to limit myself to the exact construction herein set forth; but,

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A pole for telegraph and similar wires comprising a T-rolled lower portion, an upper section, clips embracing the sections, a plate through which the ends of the clips extend and means for securing the clips to the plate.

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

STEPHEN J. TERRY.

Witnesses:
M. LA G. GRIFFIS,
H. F. MAUZER.