

No. 847,462.

PATENTED MAR. 19, 1907.

E. BRANCH.  
WIRE FENCE.

APPLICATION FILED JUNE 8, 1906.

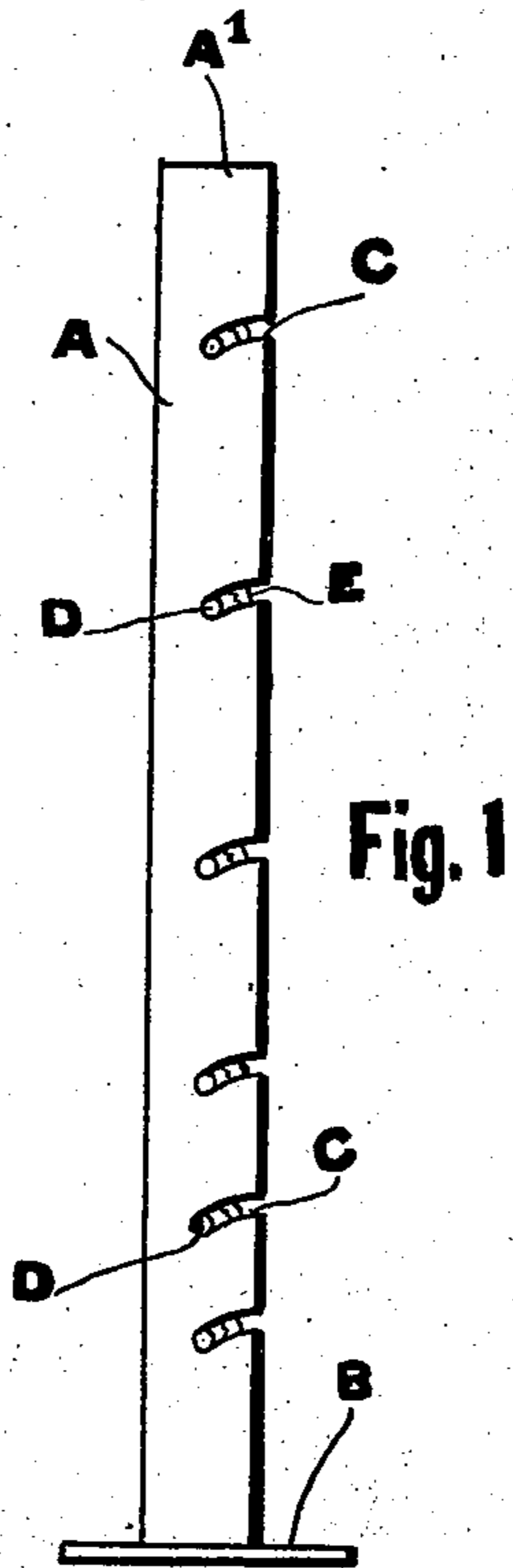


Fig. 1

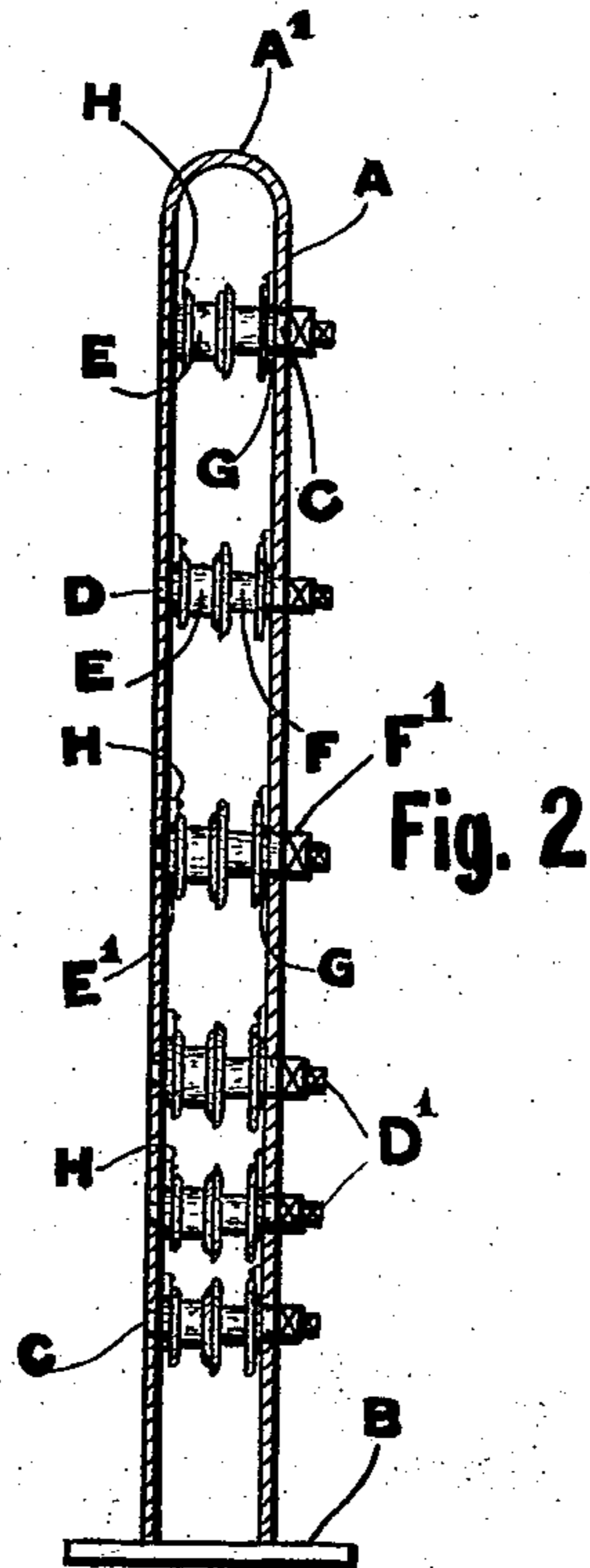


Fig. 2

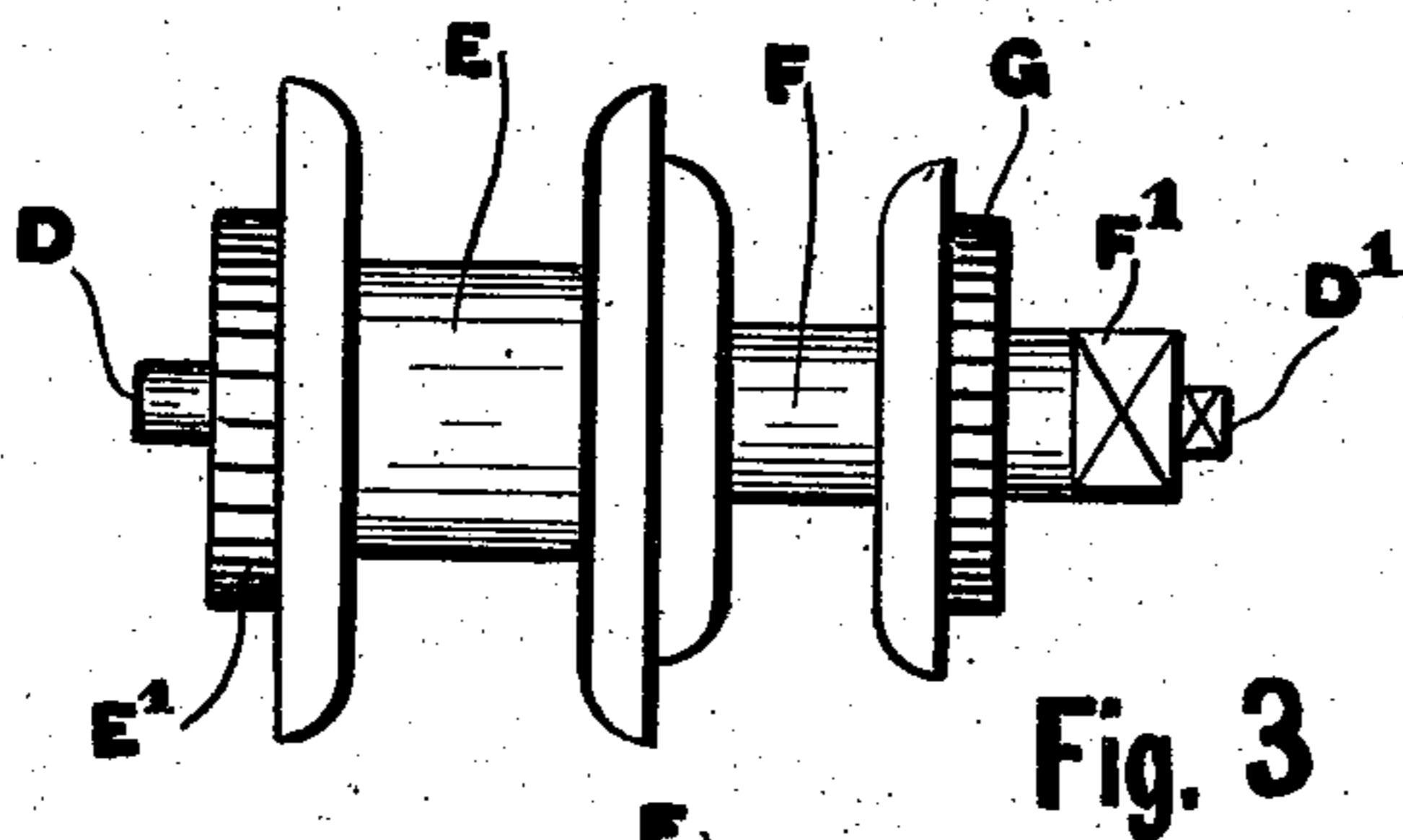


Fig. 3

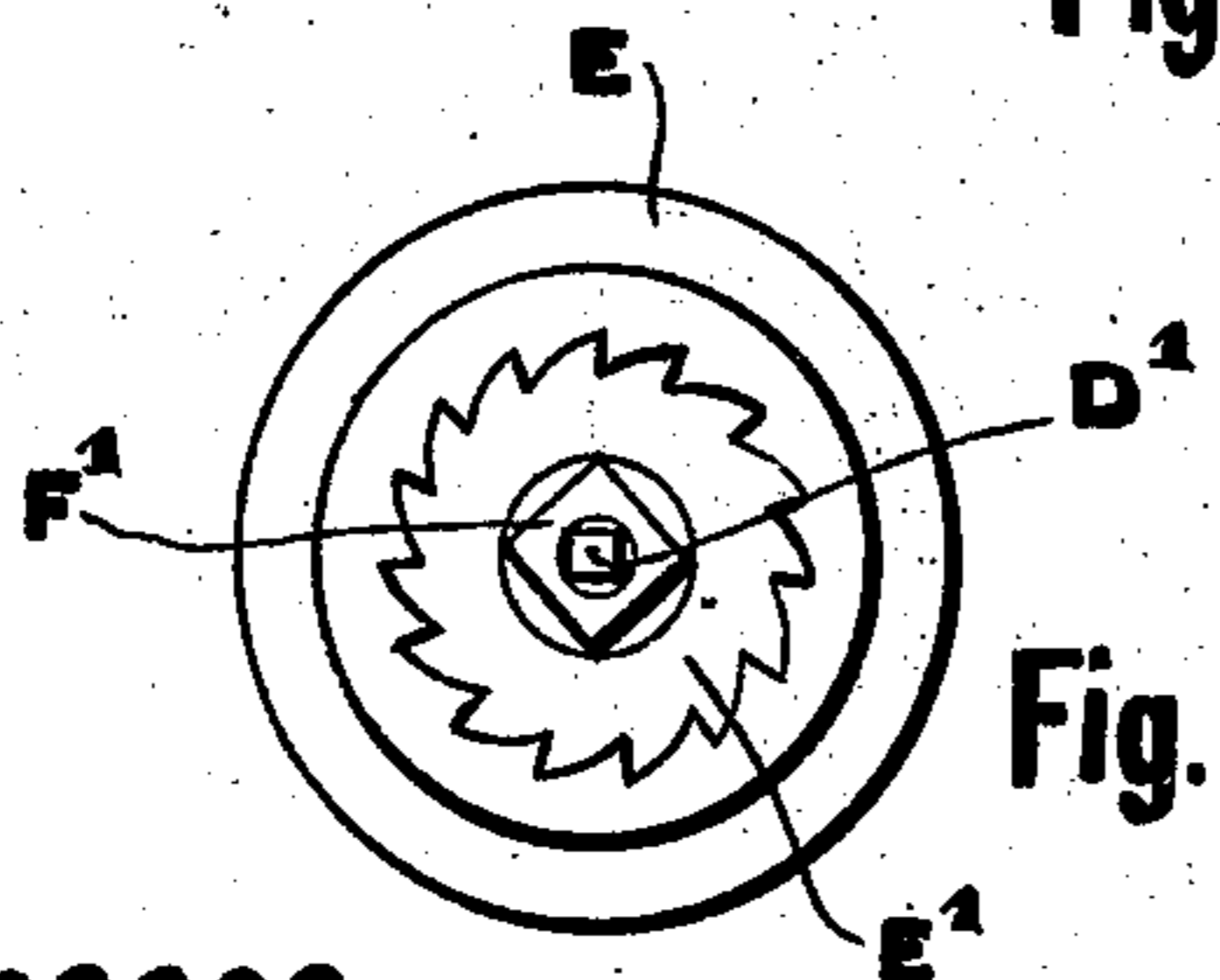


Fig. 4

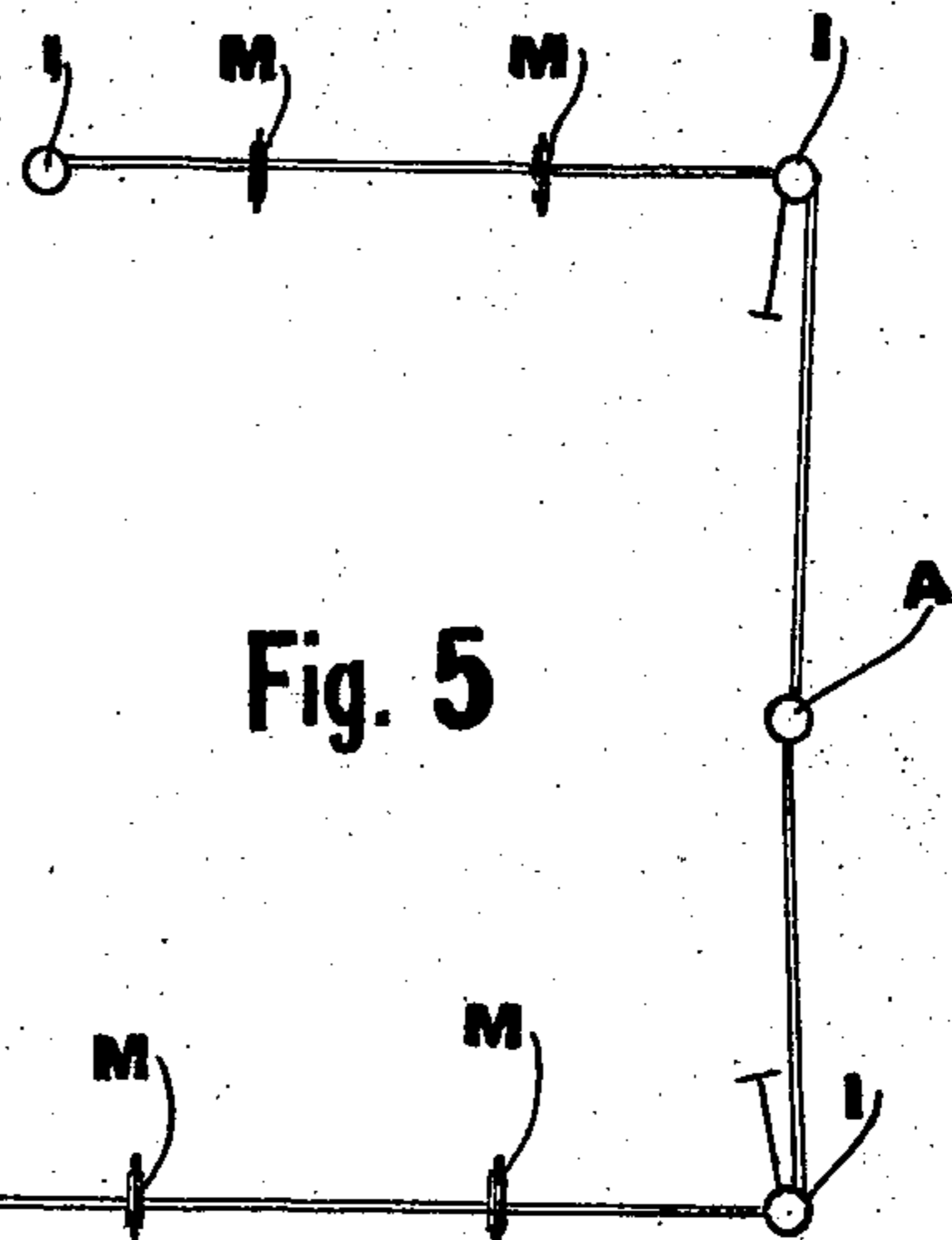


Fig. 5

Witnesses.

Gerald S. Foxburgh  
for M. Japley

Inventor

Edward Branch.

By  
Frank Salustianovich  
His Att'y.

# UNITED STATES PATENT OFFICE.

EDWARD BRANCH, OF MOOSE JAW, SASKATCHEWAN, CANADA.

## WIRE FENCE.

No. 847,462.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed June 8, 1906. Serial No. 320,872.

*To all whom it may concern:*

Be it known that I, EDWARD BRANCH, of the town of Moose Jaw, in the Province of Saskatchewan, Canada, machinist, have invented certain new and useful Improvements in Wire Fences, of which the following is a specification.

My invention relates to improvements in wire fences; and the object of the invention is to provide a simple, cheap, and durable wire fence in which the adjustment of the longitudinal strands is most convenient.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side view of the winding-post employed. Fig. 2 is a vertical sectional view through the center of my winding-post, showing the means employed for tightening the wire. Fig. 3 is an enlarged detailed front view of the winding-spools employed in the winding-post. Fig. 4 is an end view of the spools as in Fig. 3, showing the ratchet-wheel upon the outer face. Fig. 5 is a diagrammatical plan view of the assembled fence.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is a winding-post consisting of a bar-iron strip bent centrally at A' and in an inverted-U-shaped form, the extending ends being secured in the base B, designed to be embedded in the ground, holding the post securely. A series of similar downwardly-extending slots C are cut in the face of the post A, the slots extending inwardly to or about the center of the arms and forming at their inner extremity bearings. Into such bearings individual spindles D are placed, passing transversely across the post and extending beyond, the protruding ends being squared and designed for a wrench or such like. Supported upon the spindle and rigid thereto within the winding-post is a spool E, having a ratchet-wheel E' integral with the face adjoining the inner face of the upright. A second spool F is also supported upon the spindle D, but is revoluble thereon and has a portion F' extending outside of the winding-post and squared. A ratchet-wheel G is secured to the face of the spool F, adjoining the inner face of the post. It will thus be seen that the two spools or drums are designed to fit within the hollow

center of the post, being revoluble therein and each independently revoluble the one from the other, being actuated by the squared protruding ends D' F', respectively. Secured upon the inner face of the post in proximity to the ratchet-wheels are ratchets or gravity-pawls H, designed to engage with the ratchet-wheels.

In erecting my fence the winding-post A is placed firmly in the ground having the spools in alinement with the direction which is designed to have the longitudinal wire run. The corner-posts I are then placed in position and the said posts are anchored in any convenient manner. In fencing the ordinary field or lot the longitudinal strands of wire would be fastened at their ends in two sets, the one set of strands being fastened to one side of the gate or such like and designed to extend around the corner-post to the winding-post and one set of drums. The other set of strands would be fastened to the other side of the gate and pass similarly around the other corner-posts to the winding-post and to the second set of drums. Having so secured the wires, the shafts D and F are turned in opposite rotation, drawing the wires, the ratchet preventing the wire from unwinding upon the drum. At various distances between the corner-posts the guide-posts M are placed. (See Fig. 5.)

What I claim as my invention is—

1. In a fence the combination with the corner-posts and the longitudinal strands of an inverted-U-shaped winding-post, a base secured to the ends of the extending arms, opposing, downwardly-extending sets of slots, passing inwardly from the outer face of each arm, spindles removably supported within the slots, drums rigid with the spindles, drums revoluble upon the spindles, means for rotating individually the drums, and means for retaining the drums in such rotated position, as and for the purpose specified.

2. In a fence the combination with the corner-posts and the longitudinal strands of the inverted-U-shaped winding-post, a base secured to the outstanding ends, downwardly-extending sets of slots passing inwardly from the outer face of each arm, spindles extending transversely and bearing within the slots,

said spindles having an arm extending beyond the post and squared, drums rigid with the spindles, drums revoluble on the spindles, and having their ends extending beyond the  
5 post and squared, a ratchet-wheel integral with the outer face of each individual drum, and gravity-pawls bearing upon the inner

faces of the post, and designed to coöperate with the ratchet-wheels, as and for the purpose specified.

EDWARD BRANCH.

Witnesses:

J. H. GRAYSON,  
JOSIE E. NAVIN.