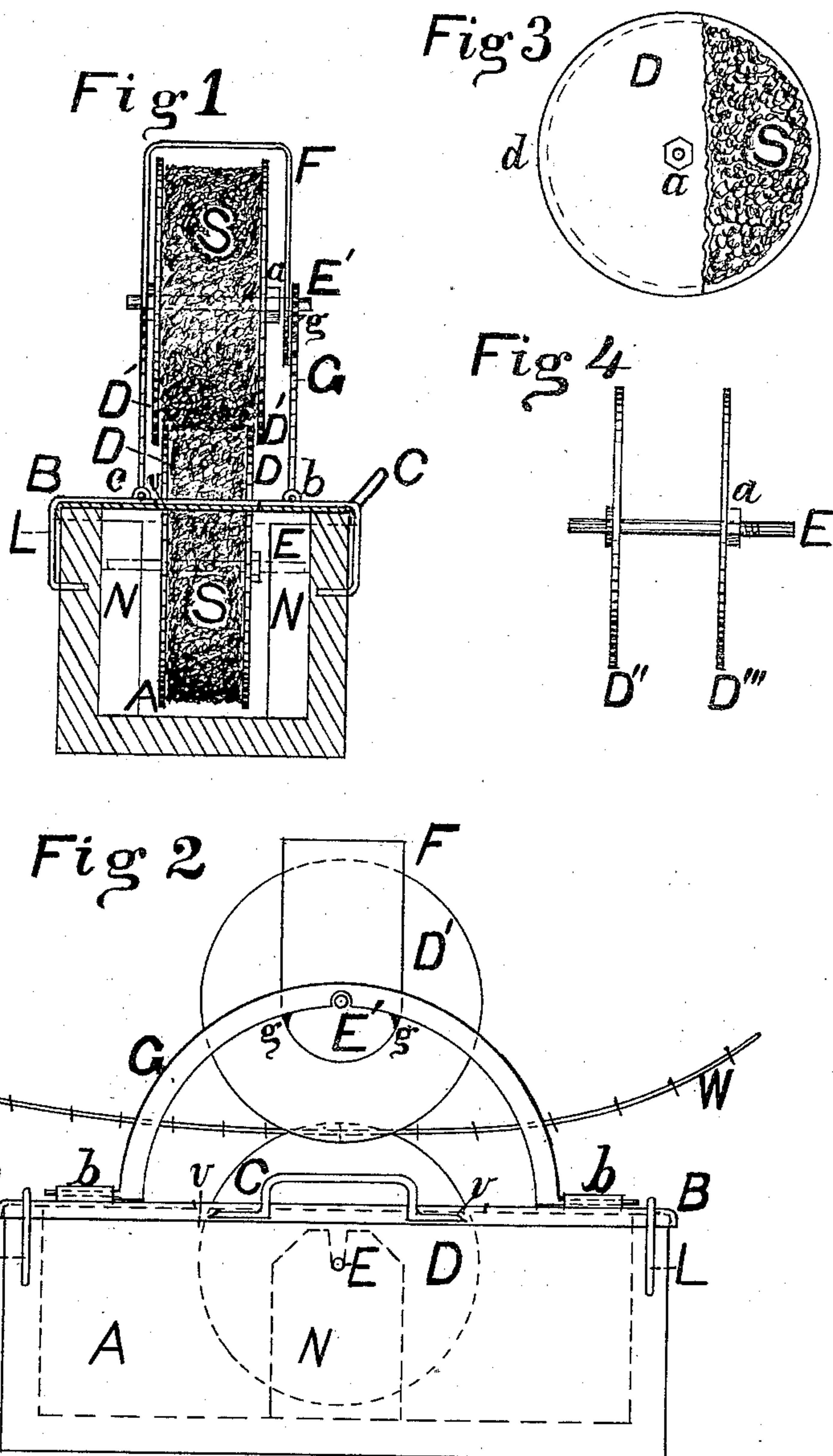


F. C. TAYLOR.  
Apparatus for Painting Fence-Wire.

No. 221,981.

Patented Nov. 25, 1879.



Witnesses.  
N. Lowles  
Wm Zimmerman

Inventor  
Frank C. Taylor  
By Gidley & Co  
Attys



# UNITED STATES PATENT OFFICE.

FRANK C. TAYLOR, OF CHICAGO, ILLINOIS, ASSIGNOR TO JOHN Q. WELLS,  
OF SAME PLACE.

## IMPROVEMENT IN APPARATUS FOR PAINTING FENCE-WIRE.

Specification forming part of Letters Patent No. **221,981**, dated November 25, 1879; application filed  
July 10, 1879.

*To all whom it may concern:*

Be it known that I, FRANK C. TAYLOR, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Apparatus for Painting Fence-Wire; and I declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawings, which form part thereof, and in which—

Figure 1 represents an end elevation of an apparatus for painting fence-wire embodying my invention, with the front end of the paint reservoir or receptacle removed, so as to show the internal mechanism. Fig. 2 represents a side elevation of the same, showing the internal mechanism of the paint-reservoir in broken lines. Fig. 3 is a side view of one of the paint-rollers with nearly one-half of the near disk broken away, showing the sponge and disk behind it; and Fig. 4 is a side view of one of the paint-wheels with the sponge removed.

In the drawings, A represents a paint receptacle or reservoir, made of any desired dimensions, and of any suitable material, within which is mounted upon standards NN a roller, D, a portion of the diameter of which projects beyond or above the lid of the reservoir A through the opening *v* of the removable cover or lid B. Above said roller D is mounted another and similar roller, D', in suitable standards or bearings F G upon the cover B.

Each of the painting-rollers D D' is provided with two disks, D'' D''', of wood or metal, and mounted upon the axles E and E', respectively. One of said disks is rigidly secured to its axle, and the other is adjustably attached thereto, so as to be moved backward and forward thereon by means of a nut, *a*.

Between the respective disks, and upon the axle of each of said rollers, is securely mounted a wheel or brush, S, composed, preferably, of sponge, or other like porous and elastic material or substance, such as wool, felt, cotton-waste, &c., so as to absorb and retain for use any suitable painting material. Bristles may be used instead of sponge when desired.

The disks upon the roller D' are placed a lit-

tle farther apart upon its axle than those of the roller D, so as to allow the peripheries of the disks upon the roller D' to pass outside of those of the lower roller, D, and thereby retain the paint in and upon said sponges.

By means of the nuts *a* the adjustable disks D''' can be moved toward and from the fixed disks D'', and thereby increase or diminish pressure upon the sponges, and increase or diminish their peripheries, so as to harden or loosen the working-surfaces of said sponges.

To the removable lid or cover B is hinged, at *c*, a standard, F, which passes above and over the upper roller and down in front thereof, so as to carry the axle E', as shown. The front of said standard consists of a semicircular plate, G, hinged at *b*, which passes over the axle E' and hooks into catches *g* upon the standard F, so as to retain said standard in its proper working position.

The cover B of the reservoir A may be hinged thereto, or may be held thereon by means of bails L, passing over the ends thereof, as shown. To the cover B, or to the body of the reservoir, may be attached one or more handles, C, as may be desired.

When it is desired to use said apparatus for painting wire, the rollers D D' are placed in working position, so that the sponge-wheels thereon shall press against each other sufficiently to revolve by frictional contact, when a wire, W, or other like material, is drawn through between them. As the wire is drawn through between the rollers, the lower one of which is immersed in paint or other preservative compound contained in the reservoir, the sponges absorb and become charged with the paint, and in their revolution deposit, by pressure, a coating upon the wire or picket passed between them.

When it is desired to paint plain or smooth wire attached to fence-posts, the sponges are tightened or compressed by means of the nuts *a*, so as to increase their pressure upon the wire, and the hinged plate G is loosened from its catches *g g*, and the standard F, carrying the upper roller, is turned back upon its hinge *c*. The wire is then placed upon the lower sponge wheel or roller, and the upper roller placed thereon and secured in working po-

sition, and the apparatus is then pushed or drawn forward or backward upon the wire by means of the handles C.

When it is desired to paint barbed wire attached to fence-posts, the nuts *a* are loosened, so as to decrease the peripheries of said sponge-wheels, and permit of the barbs upon the wire passing into and between the sponges.

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

1. The combination, with the reservoir A and roller D, of the cover B, hinged standard

F, hinged plate G, and roller D', substantially as shown and described.

2. The combination, with the reservoir A and painting-rollers D and D', provided with the paint-applying material S, and with the fixed disk D'' and movable disk D''', of the adjusting-nuts *a*, substantially as and for the purpose specified.

FRANK C. TAYLOR.

Witnesses:

N. COWLES.

WM. ZIMMERMAN.