

No. 630,745.

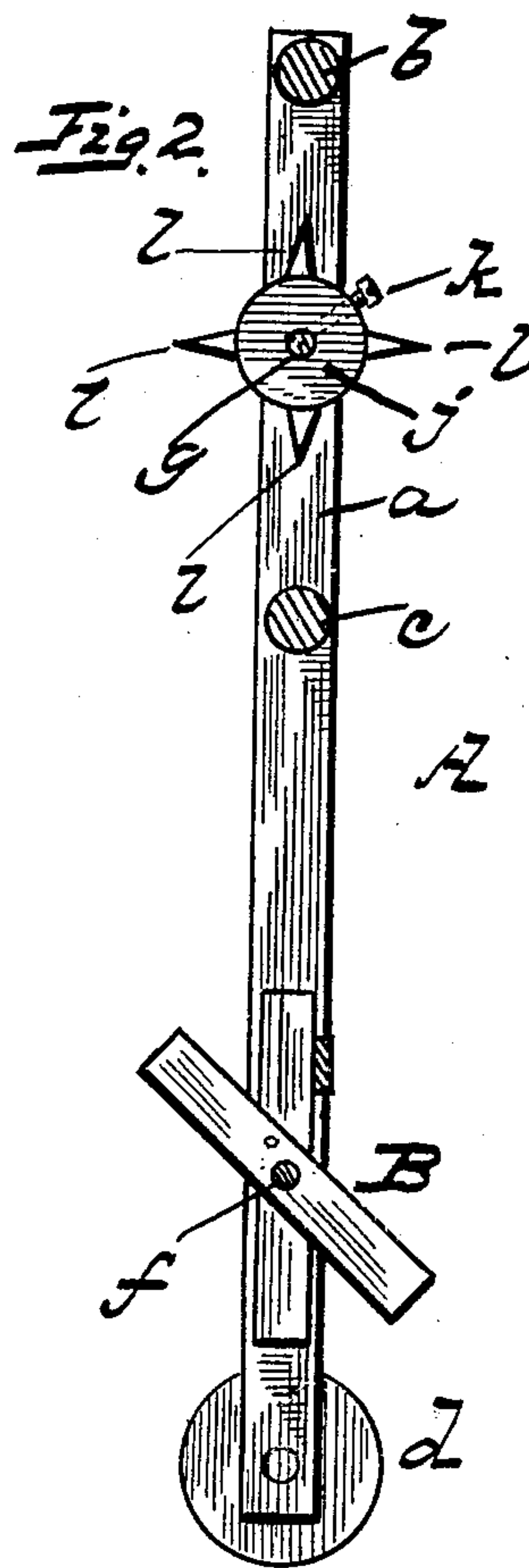
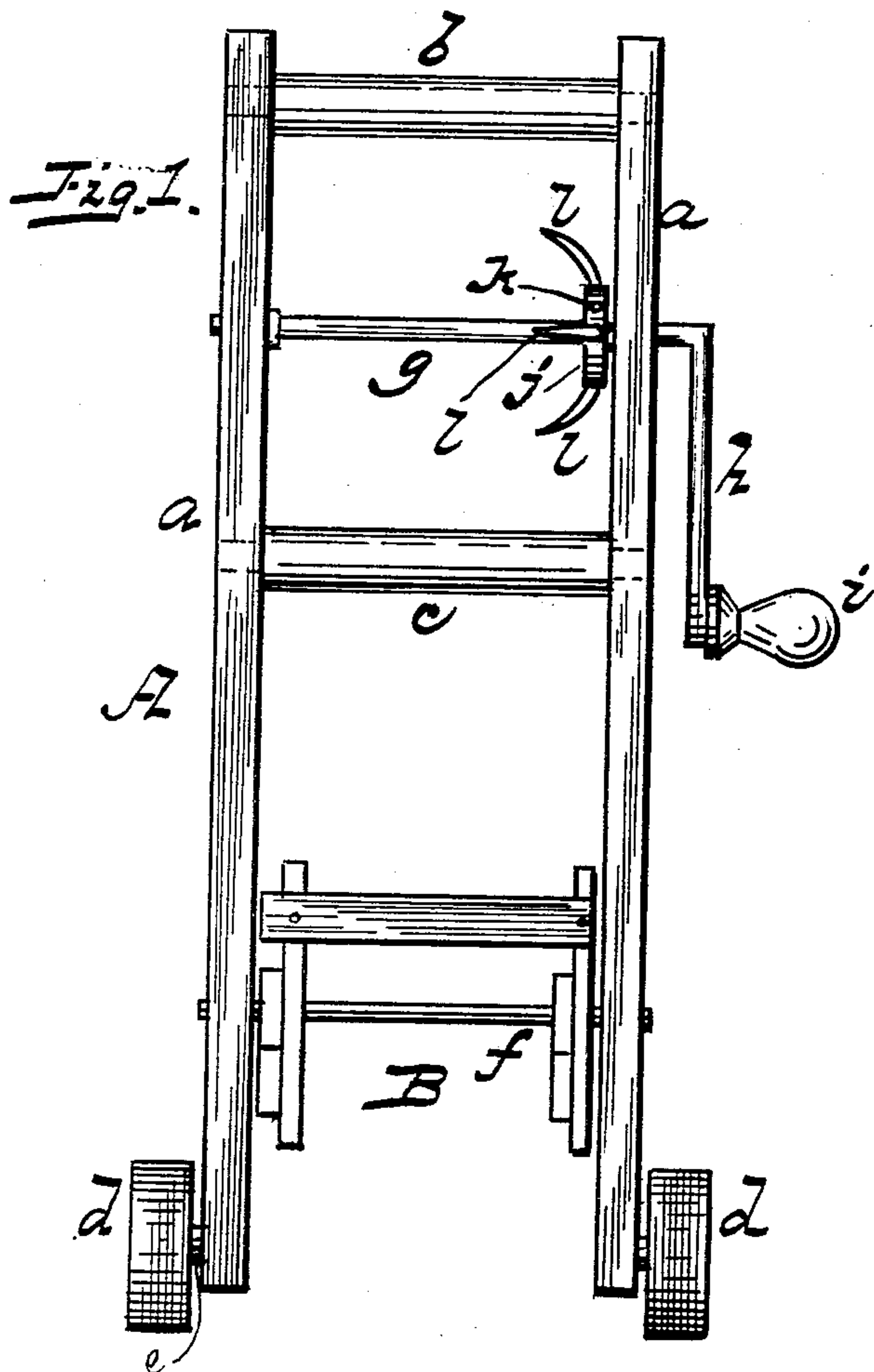
Patented Aug. 8, 1899.

J. W. SANDERSON.

MACHINE FOR SPOOLING AND TAKING UP WIRE FOR FENCING, &c.

(Application filed Mar. 14, 1899.)

(No Model.)



WITNESSES

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JAMES W. SANDERSON, OF HANOVER, ILLINOIS.

MACHINE FOR SPOOLING AND TAKING UP WIRE FOR FENCING, &c.

SPECIFICATION forming part of Letters Patent No. 630,745, dated August 8, 1899.

Application filed March 14, 1899. Serial No. 709,077. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. SANDERSON, a citizen of the United States, residing at Hanover, in the county of Jo Daviess and State of Illinois, have invented certain new and useful Improvements in Machines for Spooling and Taking Up Wire for Fencing, &c.; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to devices for building wire fences; and it consists in the novel construction, combination, and arrangement of parts of which it is composed, all as will be hereinafter fully explained, and particularly pointed out in the appended claims.

The annexed drawings, to which reference is had, fully illustrate my invention, in which—

Figure 1 represents a face view of my device, and Fig. 2 is a vertical longitudinal sectional view of the same.

Referring by letter to the accompanying drawings, A designates the device, which comprises two side bars *a a*, that are connected to one another by transverse bars, forming a handle *b*, and a roller *c*, and at the lower end of each side bar is a transporting-wheel *d*, mounted upon axles *e* on said bars.

B designates a reel which is mounted upon a transverse shaft *f*, secured to the side bars, and *g* designates a transverse shaft which is provided with a crank *h*, having a handle *i* on the outside of one of the side bars. Upon this latter transverse shaft, which has its end bearings in the side rail or bars aforesaid, is mounted a disk *j*, which may be adjusted upon said shaft, and the same is provided with a tightening-screw *k*, that passes through said disk and has its end bearing upon the shaft. Thus when the disk is adjusted laterally upon the shaft the screw is tightened and holds the disk firmly in position. Upon the periphery of this disk are secured inwardly-projecting curved fingers *l*, which are designed to take up any slack in the wire when building a fence and to hold the same taut while being stapled to the posts of the line of fencing.

It will be observed from the above description when taken in connection with the annexed drawings that in building a wire fence the operator draws forward the truck and at the same time the reel pays out the wire, which passes over the roller and transverse shaft on which the disk is mounted, and said wire also passes over one of the fingers and under another finger, and when sufficient wire is unwound from the reel the operator turns the crank-handle, when the fingers grasp the wire and wind the wire upon the shaft, the wire sliding over the convex side of the fingers, and will wind on the shaft as the crank is turned and draws the same taut, the operator holding the crank-handle while the wire is being stapled to the post, after which the wire is released from the fingers by turning the handle of the crank in a reverse direction, and the truck carried forward, when the same operation is repeated to the end of the fence, and such a device as herein described is simple in construction, durable, and at the same time cheap to manufacture.

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

1. In a device of the character described, the within-described truck, comprising the side bars, having the handle, roller, and reel and transporting-wheels, the transverse crank-shaft, and the disk, provided with the holding-screw and curved fingers secured to the periphery of the disk, whereby the line-wire of a fence is taken up and held taut, when grasped by said fingers and turned by the crank-handle, all arranged and operated substantially as described.

2. In a wire-fence reel, the combination with the truck mounted on the transporting-wheels of the crank-shaft journaled in the side bars *a, a*, the flat disk and curved fingers fixed thereto, whereby the wire is grasped and held taut said disk held to said shaft by the screw *k*, all as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES W. SANDERSON.

Witnesses:

THOMAS H. HODSON,
W. J. KIRSCHBAUM.