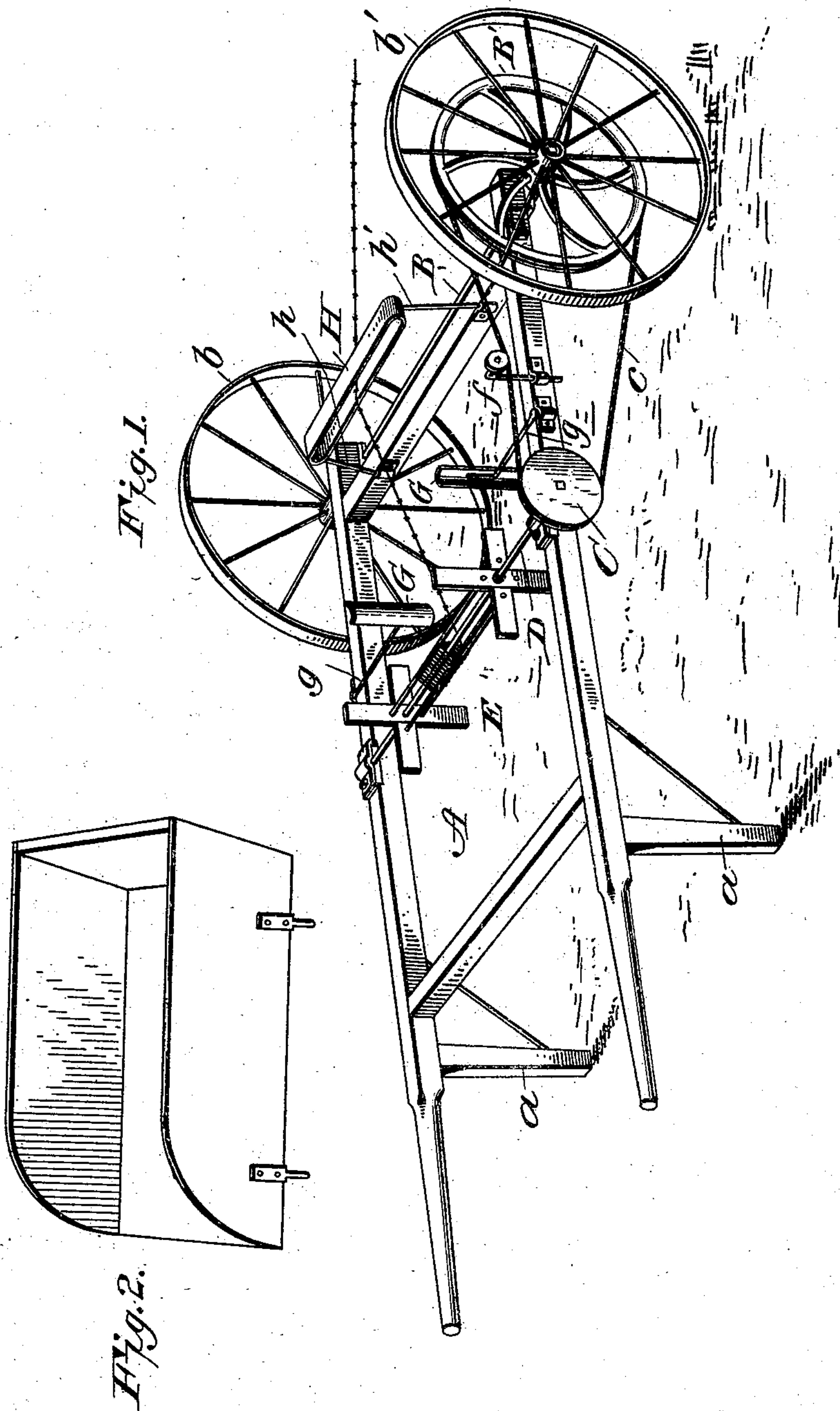


(No Model.)

A. O. BRYCE & E. R. STANTON.
REEL CARRYING FRAME.

No. 501,822.

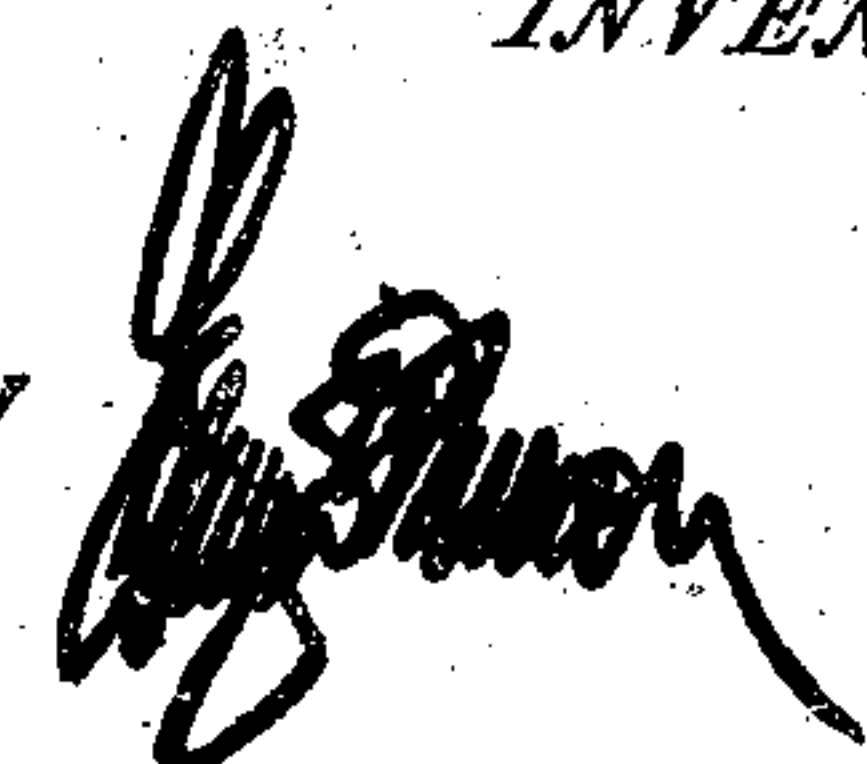
Patented July 18, 1893.



Albert O. Bryce
Elmer R. Stanton
INVENTORS.

WITNESSES
L. S. Elliott.

E. M. Johnson

by  Attorney

UNITED STATES PATENT OFFICE.

ALBERT O. BRYCE, OF CARYVILLE, AND ELMER RUSSELL STANTON, OF
DURAND, WISCONSIN.

REEL-CARRYING FRAME.

SPECIFICATION forming part of Letters Patent No. 501,822, dated July 18, 1893.

Application filed March 16, 1893. Serial No. 466,359. (No model.)

To all whom it may concern:

Be it known that we, ALBERT O. BRYCE, of Caryville, in the county of Dunn, and ELMER RUSSELL STANTON, of Durand, in the county of Pepin, State of Wisconsin, citizens of the United States of America, have invented certain new and useful Improvements in Reel-Carrying Frames; and we do hereby 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 letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide a cheap and effective machine for carrying reels upon which wire is wound, so that the machine can be used for either paying out or taking up fence wire; and the invention consists in the construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claim.

In the accompanying drawings which illustrate the invention Figure 1 is a perspective view, and Fig. 2 is a detail view of the barrow box.

A designates a frame having a forward rectangular portion beyond which extend handles which are continuations of the side pieces, said handles having legs *a a* attached thereto which support the rear end of the machine.

To the forward end of the side pieces of the frame A is journaled an axle B which carries the supporting wheels *b* and *b'*. The supporting-wheel *b'* is provided with a suitable pulley B', over which passes a driving-belt *c* leading to a pulley C mounted on a shaft D journaled upon the frame. The journal boxes for the shaft D are each made up of two parts hinged to each other so that the shaft can be readily removed for the purpose of placing the reel E thereon and removing it therefrom. The upper section of each box is held in place by a set screw as shown.

f designates a belt-tightener, which consists of a roller carried by an arm which passes through a suitable support attached to one of the side pieces of the frame so that the roller can be adjusted when desired.

Supported from the side pieces of the main

frame by bars *g* is a pair of guides, G, consisting of semi-cylindrical plates vertically disposed in front of the shaft D and on each side of the reel. To the front cross-bar of the frame, adjacent to the axle B, is attached another guide, H, which is made of a strip of sheet metal bent to provide upper and lower members between which the wire is passed. This slide is supported from the frame A by bars *h* and *h'*. The supporting bars *g*, *h* and *h'* are all connected to the frame so as to be readily removed therefrom and attached thereto, the preferred form of attachment being to provide the frame with sockets having set-screws, in which the ends of the supporting bars may be secured. When the guides and shaft D are removed an ordinary barrow box can be attached to the frame, and the device will then serve as an ordinary wheel-barrow, the barrow box being provided with depending pins which will enter the sockets hereinbefore referred to and may be clamped therein.

We are aware that prior to our invention it has been proposed to provide machines for winding and unwinding wire, which are provided with guide rollers in front of the reel, the device being so constructed as to be carried by a wheeled frame, and we do not claim such construction broadly; but

What we do claim as new, and desire to secure by Letters Patent, is—

In a wire reel, the combination of a frame constructed substantially as shown and provided at its forward end with an axle carrying supporting wheels, a removable reel carrying shaft D journaled upon the frame, and provided on one side of the frame with a pulley *c* vertical guides G G presenting convex surfaces, and a horizontal guide H having upper and lower members, between which the wire is passed the supports for the guides being adapted to enter the sockets attached to the frame, substantially as shown and for the purpose set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

ALBERT O. BRYCE.

ELMER RUSSELL STANTON.

Witnesses:

G. B. PLUMER,

HENRY FOSS.