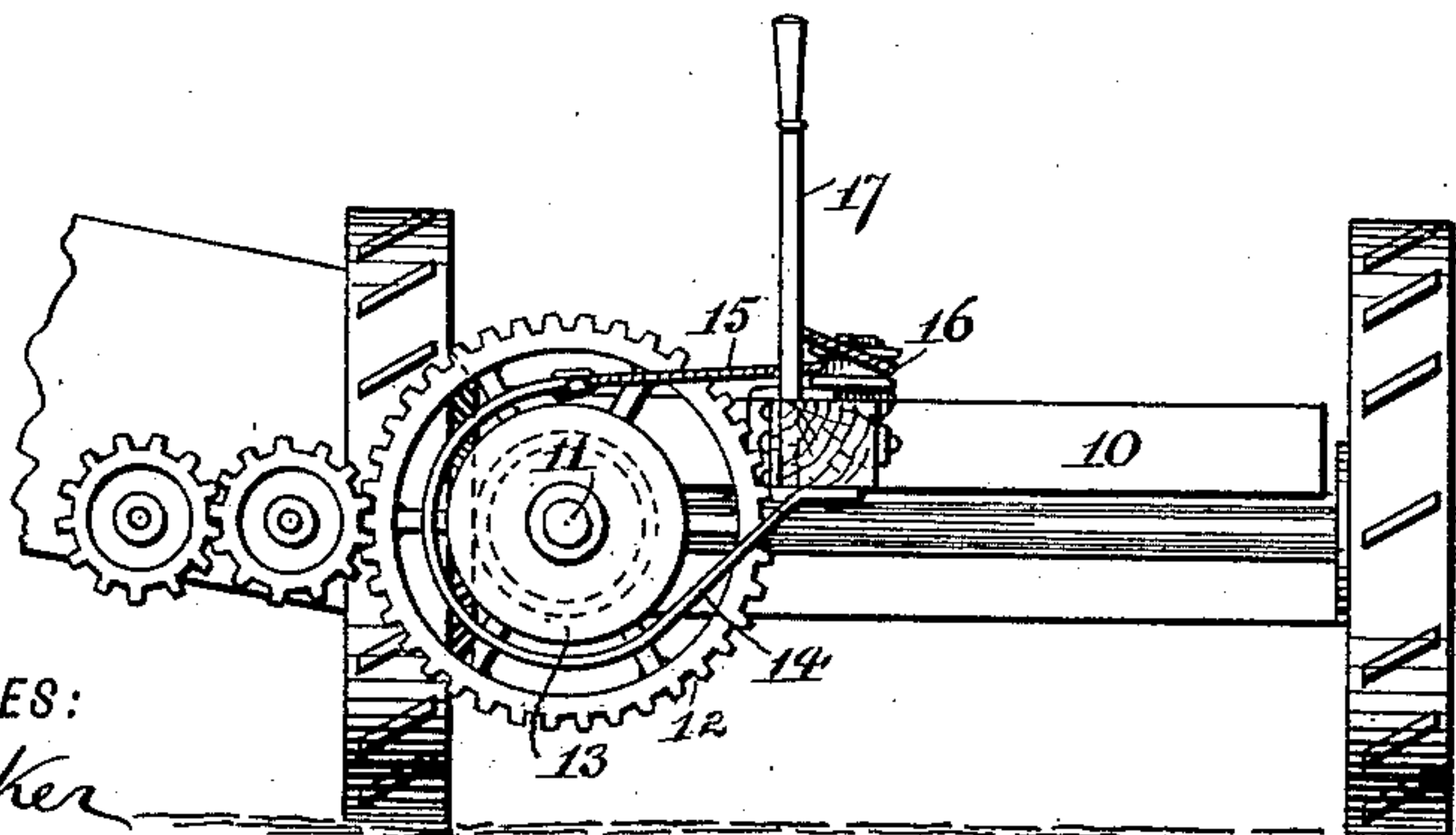
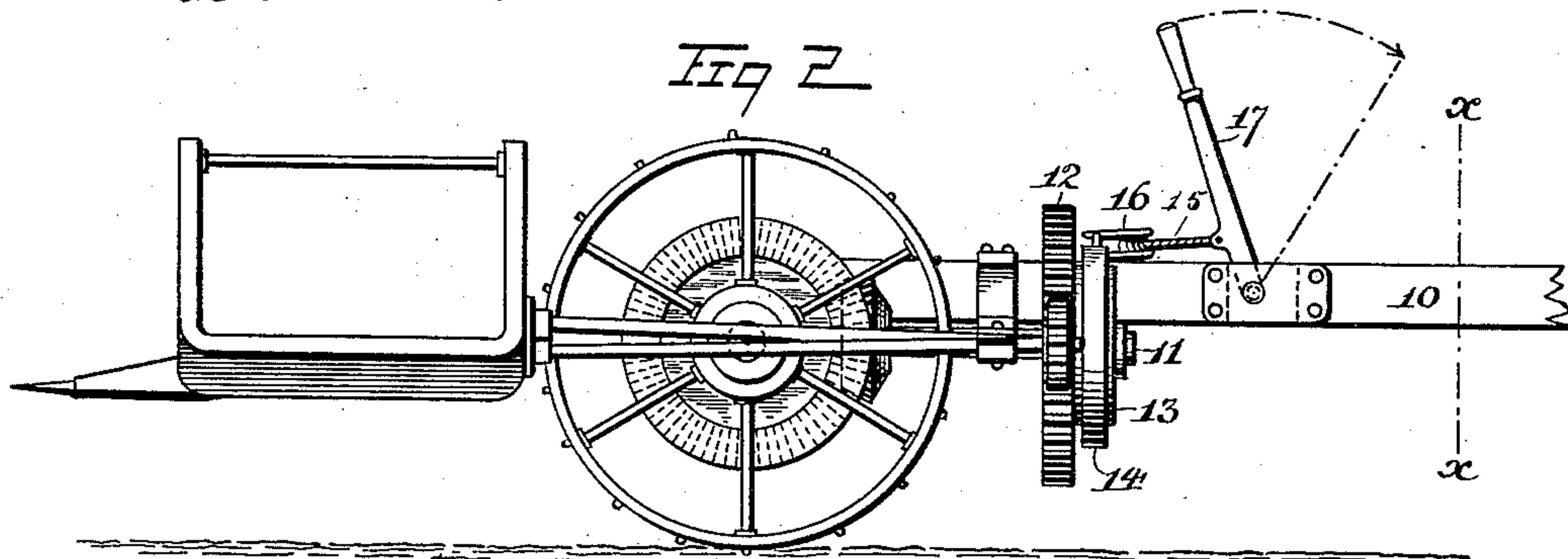
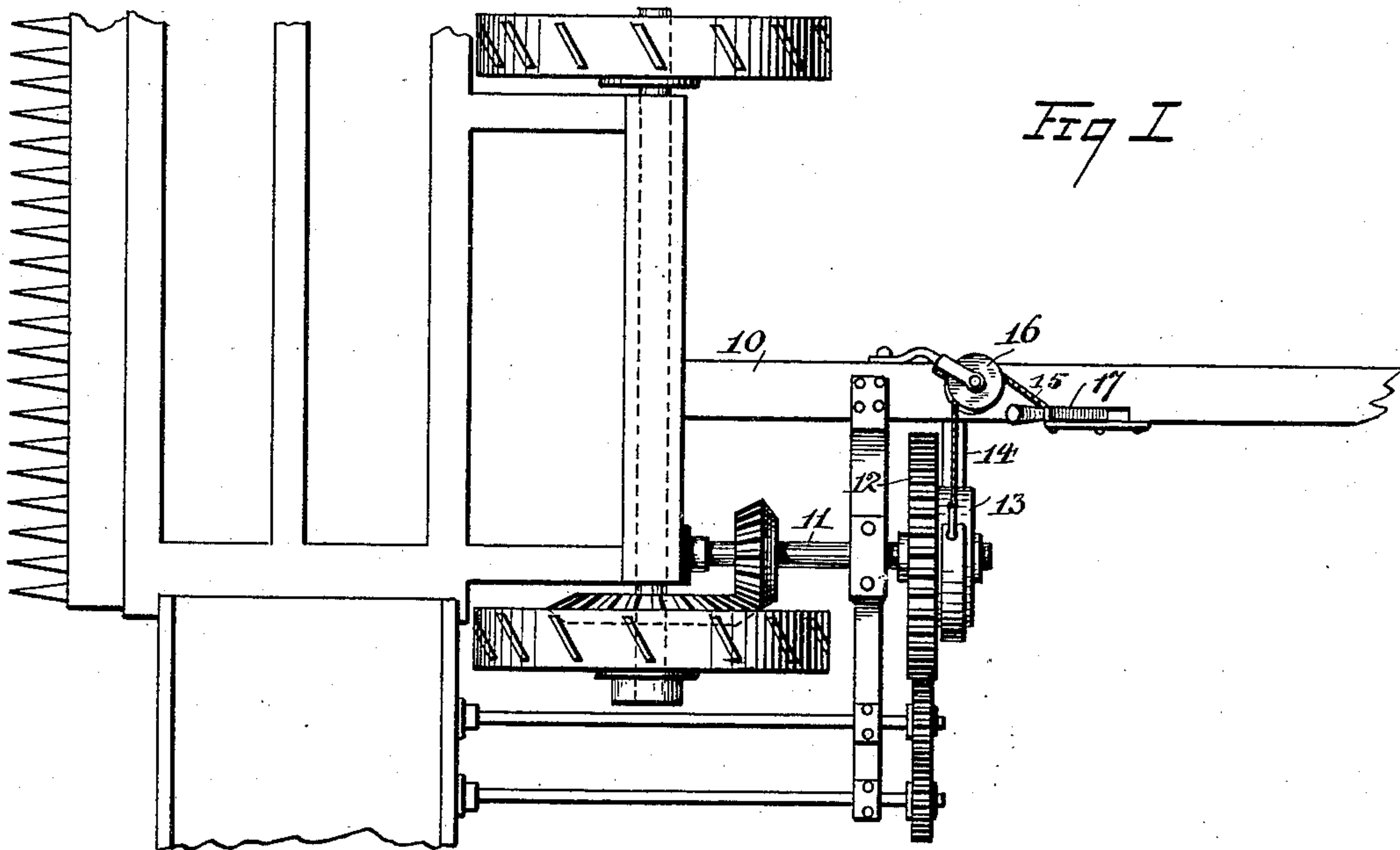


C. N. HINCHLIFF & H. E. HALL.
HEADER BRAKE.

Patented June 10, 1890.



ATTORNEYS.

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

UNITED STATES PATENT OFFICE.

CHARLES N. HINCHLIFF AND HORACE E. HALL, OF SPANGLE, WASHINGTON.

HEADER-BRAKE.

SPECIFICATION forming part of Letters Patent No. 429,917, dated June 10, 1890.

Application filed December 26, 1889. Serial No. 335,080. (No model.)

To all whom it may concern:

Be it known that we, CHARLES N. HINCHLIFF and HORACE E. HALL, both of Spangle, in the county of Spokane and State of Washington, have invented a new and Improved Header-Brake, of which the following is a full, clear, and exact description.

This invention relates to header-brakes, the object of the invention being to control the rotation of the main driving-shaft; and to the end named the invention consists, essentially, of a wooden disk secured to the main spur or gear wheel, a spring-strap arranged for connection with the header-frame, a cord or chain 15 connected to the strap, a sheave about which the cord passes, and a lever to which the cord is secured, whereby by throwing the lever the spring-strap may be drawn against the peripheral face of the wooden disk, all as will 20 be hereinafter fully explained, and specifically pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate 25 corresponding parts in all the views.

Figure 1 is a plan view of a portion of a header embodying our invention. Fig. 2 is a side view thereof, and Fig. 3 is a sectional view on line *x x* of Fig. 2.

30 In the drawings, 10 represents the main frame of a header of ordinary construction, and 11 the driving-shaft thereof, which shaft,

as usual, carries a spur or gear 12. In addition to the spur or gear 12, we mount a disk 13 upon the shaft 11, the disk 13 being of 35 wood or any other proper material. To the frame 10 we connect a spring-strap 14, which partially encircles the disk 13, and to the end of the strap we connect a cord or chain 15, which is carried about a sheave 16 to a lever 40 17, the lever being pivotally mounted, as represented in the drawings.

From the construction above described it will be seen that by throwing the lever as indicated by the arrow shown in connection 45 therewith in Fig. 2 the strap 14 will be brought to bear upon the peripheral face of the disk 13 and the momentum of the shaft 11 will be checked.

Having thus described our invention, we 50 claim as new and desire to secure by Letters Patent—

In a header, the combination, with the main shaft, of a disk carried thereby, a spring-strap arranged to bear against the disk, a cord con- 55 nected to the strap, a sheave about which the cord passes, and a lever to which the cord or chain is connected, substantially as described.

CHARLES N. HINCHLIFF.
HORACE E. HALL.

Witnesses:

W. H. SPANGLE,
JAMES W. DOW.