

No. 638,744.

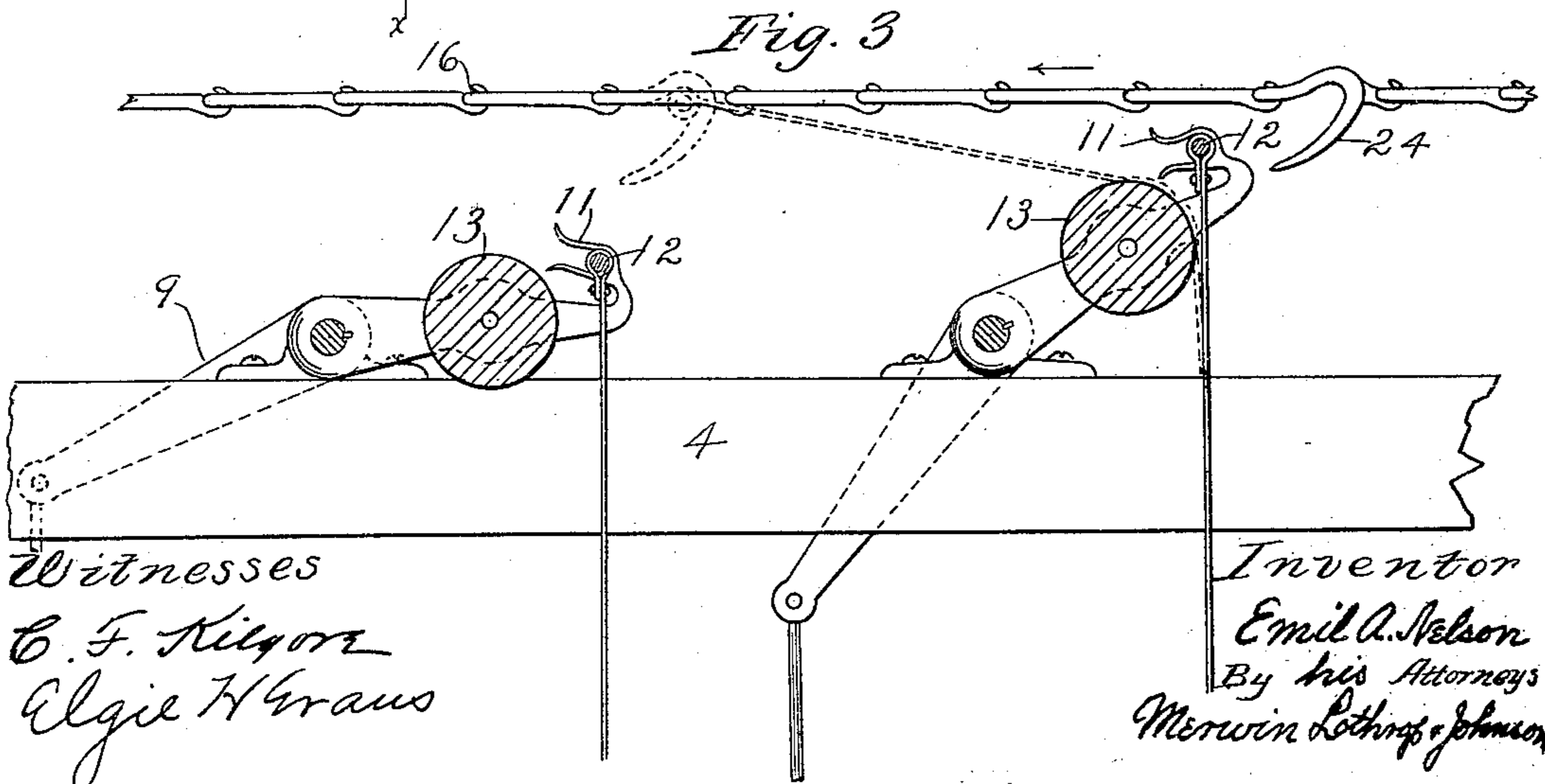
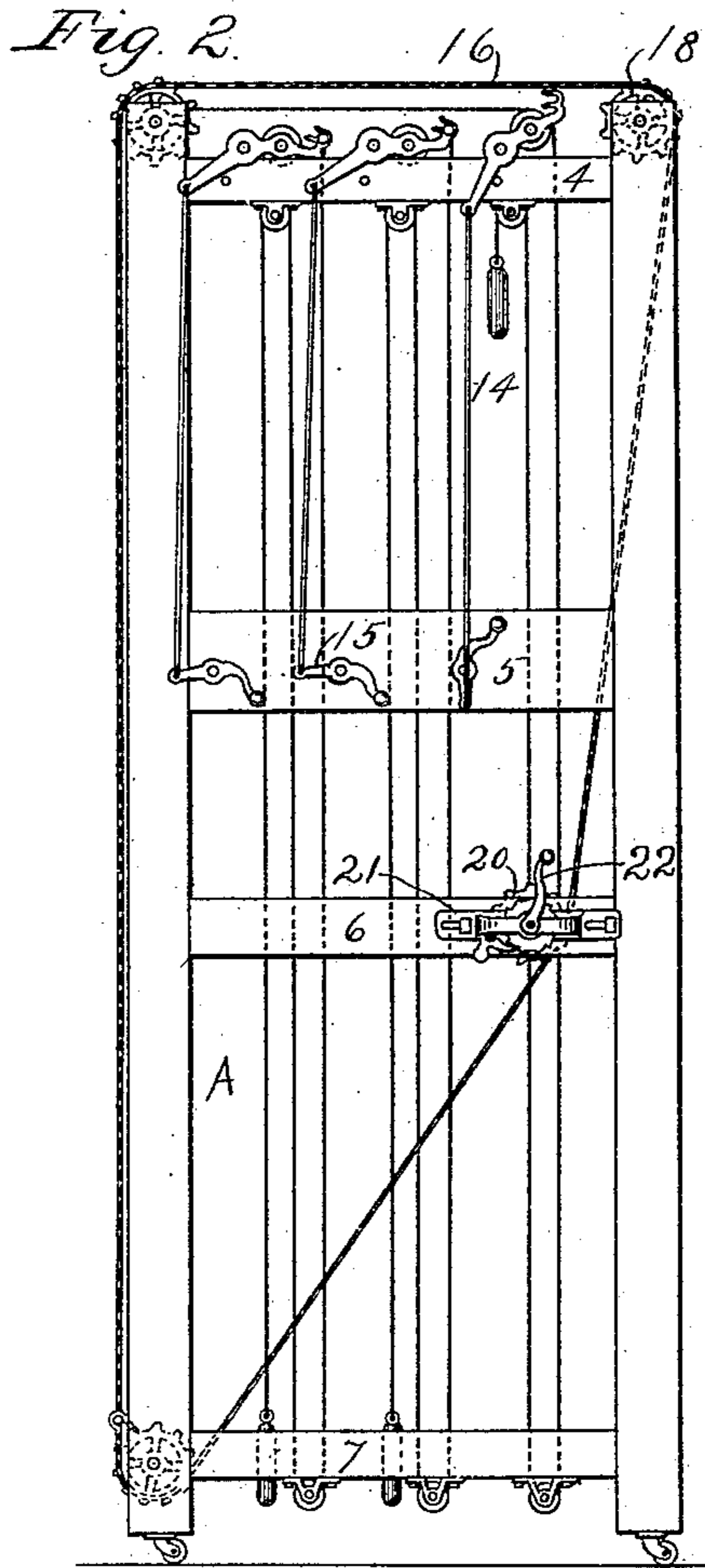
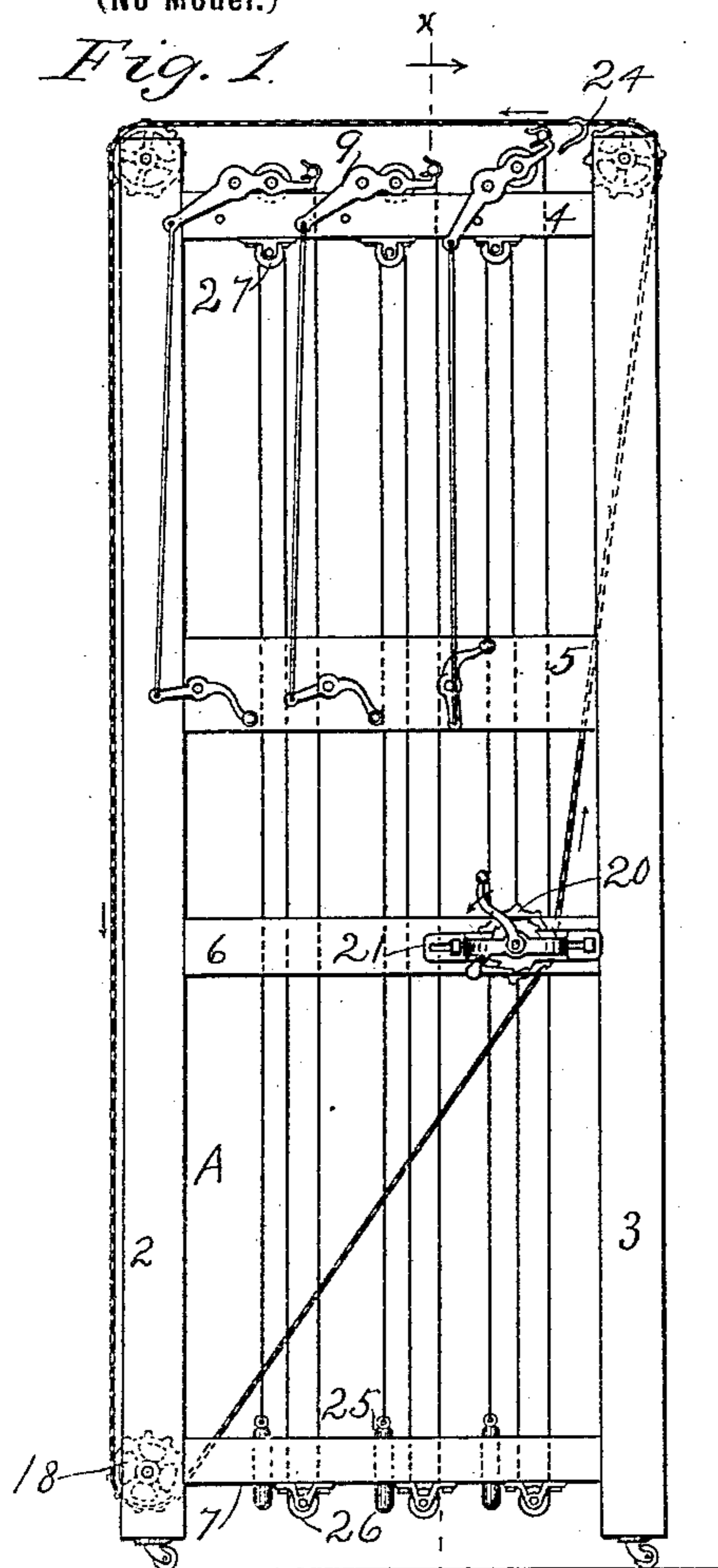
Patented Dec. 12, 1899.

E. A. NELSON.  
PHOTOGRAPHIC BACKGROUND CARRIER.

(Application filed Mar. 10, 1899.)

(No Model.)

2 Sheets—Sheet 1.



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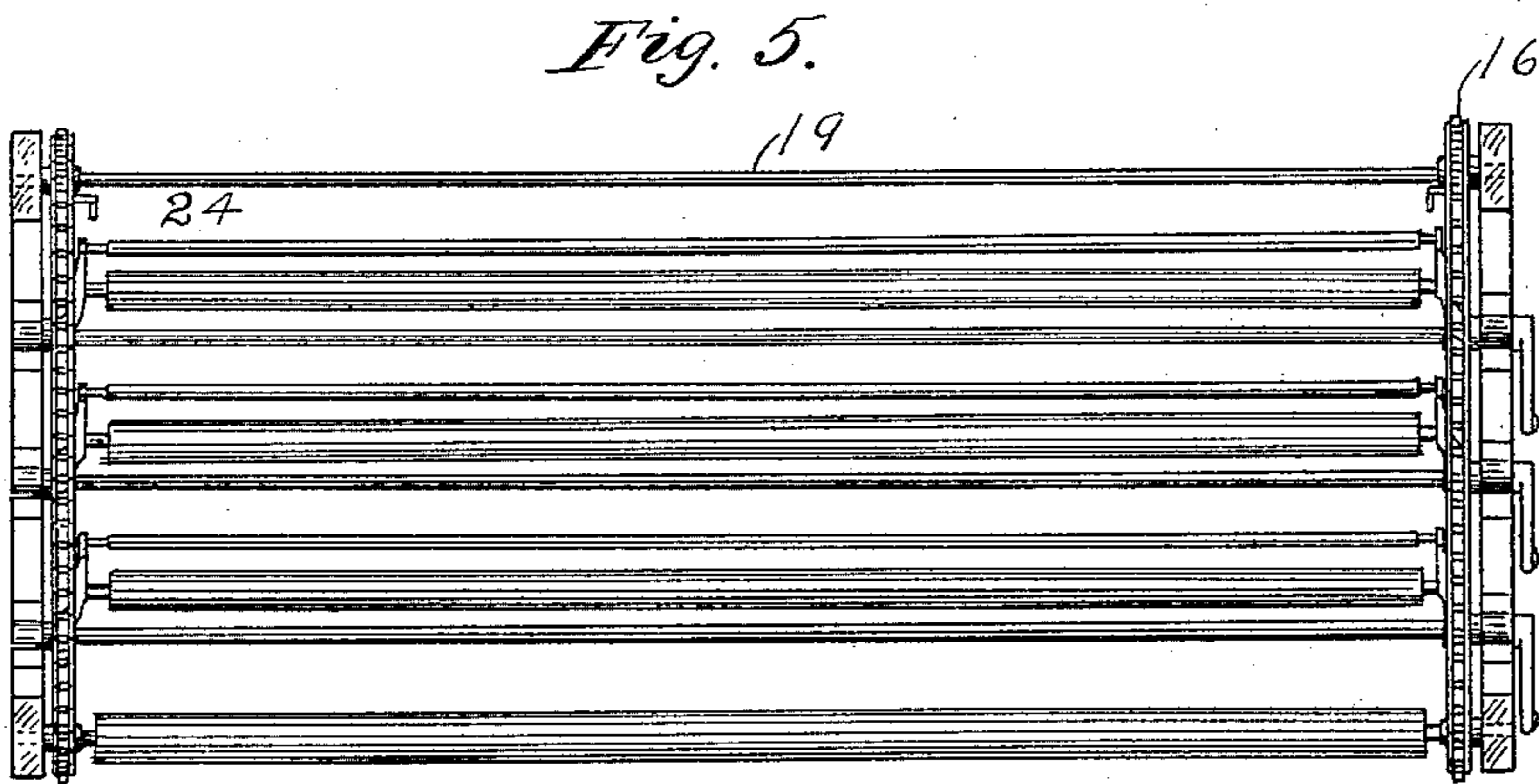
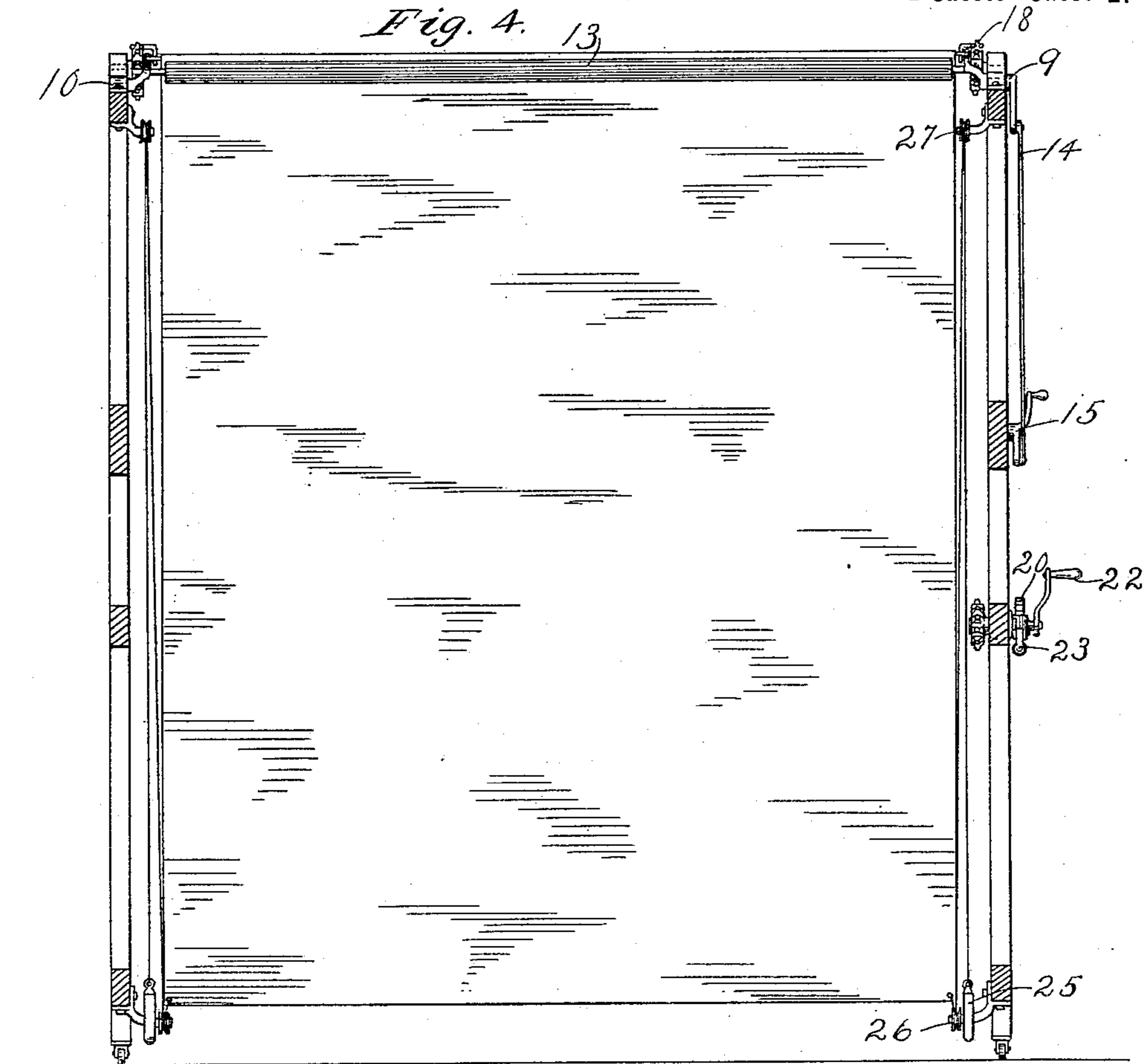
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(No Model.)

2 Sheets—Sheet 2.



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# UNITED STATES PATENT OFFICE.

EMIL A. NELSON, OF HALLOCK, MINNESOTA.

## PHOTOGRAPHIC-BACKGROUND CARRIER.

SPECIFICATION forming part of Letters Patent No. 638,744, dated December 12, 1899.

Application filed March 10, 1899. Serial No. 708,489. (No model.)

*To all whom it may concern:*

Be it known that I, EMIL A. NELSON, of Hallock, Kittson county, Minnesota, have invented certain Improvements in Background-Carrying Frames, of which the following is a specification.

My invention relates to improvements in frames for carrying photograph-backgrounds, its object being to provide an apparatus for supporting a series of such backgrounds in stretched position and allowing any one of such backgrounds to be carried into position for use.

To this end my invention consists in the combination hereinafter particularly described and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 is an end view of my invention. Fig. 2 is a similar view with one of the backgrounds turned into position for use. Fig. 3 is a view of two of the supporting-brackets for backgrounds and of the flexible carrier. Fig. 4 is a view on line *xx* of Fig. 1, and Fig. 5 is a top view.

In the drawings, A represents the frame, consisting of end uprights 2 and 3 and connecting cross-bars 4, 5, 6, and 7. Having fulcrum support 8 upon the cross-bars 4 at the ends of the frame are brackets 9 and 10. Said brackets are each formed at one end with a hook 11, in which hooks normally rests the rod 12 of the background. Rolls 13 are journaled in the brackets intermediate of said hooks and the pivotal supports. The opposite ends of the brackets 9 are connected by rods 14 with levers 15, fulcrumed upon the cross-bar 5. Said levers 15 are adapted to be turned, as shown in Figs. 1 and 2, to carry the connected brackets into an upwardly-tilted position and hold them in such position, for the purpose hereinafter described.

16 represents the flexible chain-carrier passing over sprockets 18 at the ends of the vertical frame-pieces, one of said carriers being provided at each end of the frame and the sprockets thereof connected by rods 19. The carriers are actuated by a sprocket 20, engaging with the carrier at one end of the frame, said sprocket being journaled in a casting 21, adjustably secured upon the cross-beam 6 and provided with an actuating-handle 22. A suitable pawl 23 is provided for

locking the sprocket in set position. Each carrier is provided with a hook 24, which is adapted to engage with the rod 12 of the background to carry the same into position for use, the background being held stretched by a connected weight 25, the cord of which passes over pulleys 26 and 27, journaled in the lower and upper cross-bars.

Operation: The backgrounds are normally supported by the brackets 9 and 10. When it is desired to use any one of the backgrounds, the brackets which support such backgrounds are upwardly tilted by means of the connected lever 15. The carrier then being actuated, the hooks 24 engage with the rod of the background, carrying said rod and background between the sprockets and into position adjacent the front of the frame, as shown in Fig. 2. The background in being carried to such position passes over the roller 13, journaled in the brackets. The background after being carried into the position shown in Fig. 2 is held in such position by means of the pawl 23. When it is desired to return the background to the interior of the frame, the pawl is released, allowing the carriers to be actuated by the pull of the weight 25 upon the background. As the carrier is actuated sufficiently to bring the rod 12 of the background into the hook of the bracket said brackets will be turned upon their fulcrums into downturned position.

Among the advantages of my construction is the holding of the background at all times stretched, and thus preventing injury by cracking and without the face of the background touching any part of the apparatus in operation.

I claim—

1. In an apparatus of the class described, the framework, devices carried thereby for independently supporting a series of backgrounds, a carrier, and means for actuating any desired one of said supporting devices, to bring the background supported thereon into position to be engaged by said carrier.

2. In an apparatus of the class described, the framework, devices carried thereby for detachably supporting backgrounds, a carrier, and means carried by said carrier for engaging with said backgrounds and carrying them along with the carrier.

3. In an apparatus of the class described, the framework, brackets pivoted thereon for removably supporting backgrounds, endless carriers, means for turning said brackets  
5 upon their pivots, means carried by said carriers for engaging with said backgrounds, and means for actuating said carriers.

4. In an apparatus of the class described, the framework, endless carriers, devices car-  
10 ried by said frame for normally supporting a series of backgrounds in extended position, and adapted to be actuated to carry any one of said backgrounds into position to be en-  
15 gaged by said carrier.

5. In an apparatus of the class described,

the framework, pivoted devices carried there-  
by for removably supporting backgrounds,  
carriers, hooks carried by said carriers, means  
for actuating said suspending devices to carry  
the background into position to be engaged 20  
by said carriers, means for actuating said  
carriers, and weights for holding said back-  
grounds extended.

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

EMIL A. NELSON.

Witnesses:

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H. S. JOHNSON.