

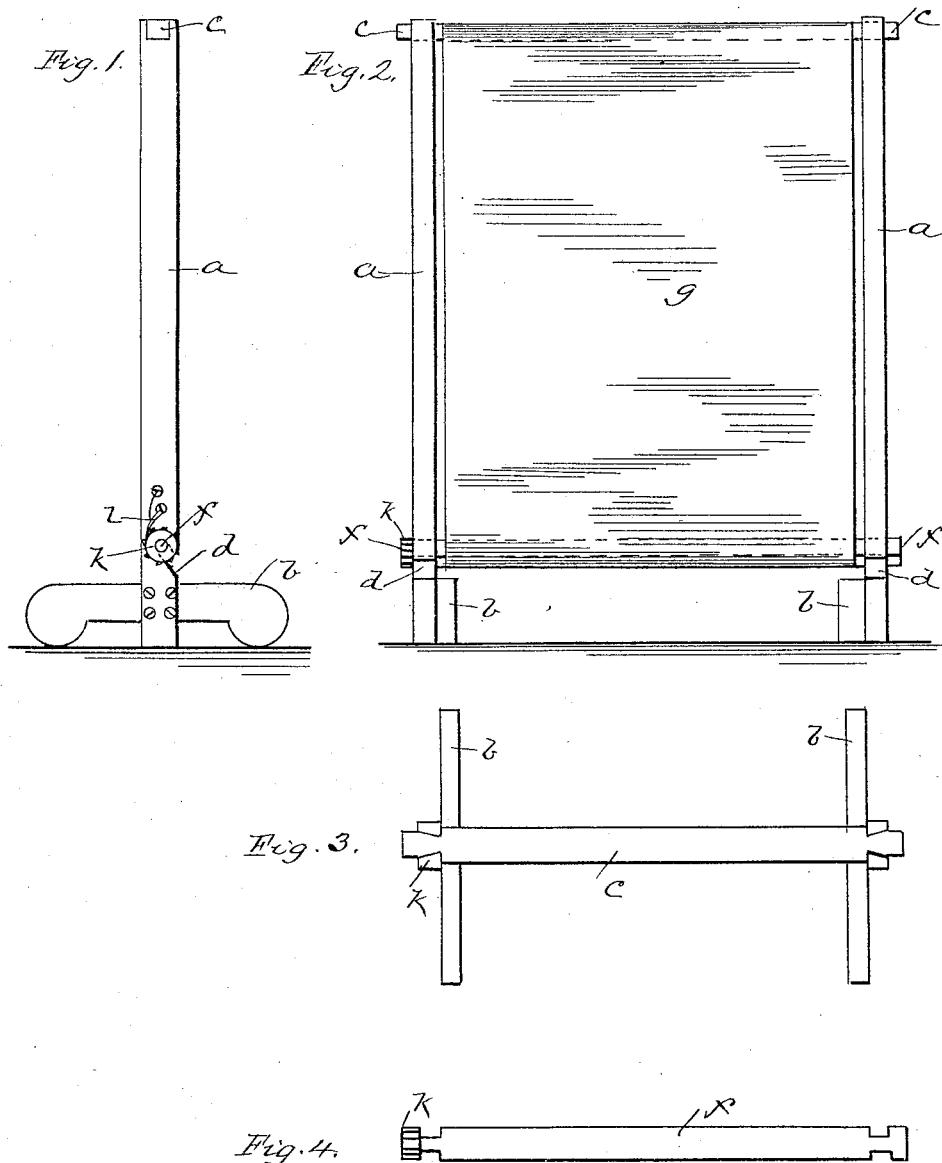
(No Model.)

E. H. PARSONS & E. U. FRAZER.

SCREEN FOR MAGIC LANTERNS AND PHOTOGRAPHERS' USE.

No. 454,005.

Patented June 9, 1891.



Witnesses:  
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By *C. D. Lewis*  
Att'y.

# UNITED STATES PATENT OFFICE.

EDWARD H. PARSONS AND EDWARD U. FRAZER, OF KANE, PENNSYLVANIA.

## SCREEN FOR MAGIC-LANTERNS AND PHOTOGRAPHERS' USE.

SPECIFICATION forming part of Letters Patent No. 454,005, dated June 9, 1891.

Application filed February 24, 1891. Serial No. 382,674. (No model.)

*To all whom it may concern:*

Be it known that we, EDWARD H. PARSONS and EDWARD U. FRAZER, citizens of the United States, residing at Kane, in the county of McKean and State of Pennsylvania, have invented certain new and useful Improvements in Screens for Magic-Lanterns, Photographers, and Theatrical Companies; 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 pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Our invention relates to an improved screen for magic-lantern views, &c.; and it consists in certain details of construction and combination of parts, whereby the same may readily be taken apart and folded to occupy but little space, and may be easy to place the same in position for use without outside support, as will be fully described hereinafter.

In the accompanying drawings, Figure 1 is an aside elevation of our improved screen, which is constructed in accordance with our invention. Fig. 2 is a front elevation of the same. Fig. 3 is a plan view showing the dovetailed top piece in position. Fig. 4 is a detail plan view of the bottom cross-piece detached from the frame-work.

To construct a screen in accordance with our invention, we provide a frame-work consisting of two upright pieces *a*, to each of which is attached cross-pieces *b*, or feet, which are connected to the uprights *a* by wood-screws or nails, or may be mortised in any desired manner. Formed in the top of each of these uprights *a* are dovetailed slots, which, when

engaged with a corresponding dovetail formed on the outer extremities of the upper piece *c*, serve to hold the uprights *a* separated the one from the other. Formed at suitable points in the face of the uprights *a* are inclined notches *d*, in which the lower cross-piece *f* is secured. A suitable piece of canvas or other fabric *g*, of a suitable size, is tacked or attached to these cross-pieces *c f* in a manner that when the cross-piece *c* is in position the lower piece *f* will be a short distance above the notches *d*, and thereby afford a means of stretching the screen. Formed on one end of the cross-piece is a small ratchet-wheel *k*, which, in connection with a pawl *l*, affords a means for further stretching the canvas.

To take the frame apart, the cross-piece *f* is first disengaged from the notches *d* and the upper one then removed. The canvas may be rolled about either of these pieces and the whole made to occupy but little space.

Having thus described our invention, we claim—

The herein-described screen, consisting of the uprights *a*, provided with cross-pieces or feet *b* and each having a dovetailed slot at the top and an inclined notch *d* near the base, and the two cross-pieces *c f*, having a piece of suitable fabric attached thereto and adapted to engage with the slots and notches, substantially as described.

In testimony that we claim the foregoing we hereunto affix our signatures this 9th day of February, A. D. 1891.

E. H. PARSONS. [L. S.]

E. U. FRAZER. [L. S.]

In presence of—

D. T. HALL,

Mrs. E. U. FRAZER.