

(No Model.)

J. WALKER.
TOY.

No. 530,142.

Patented Dec. 4, 1894.

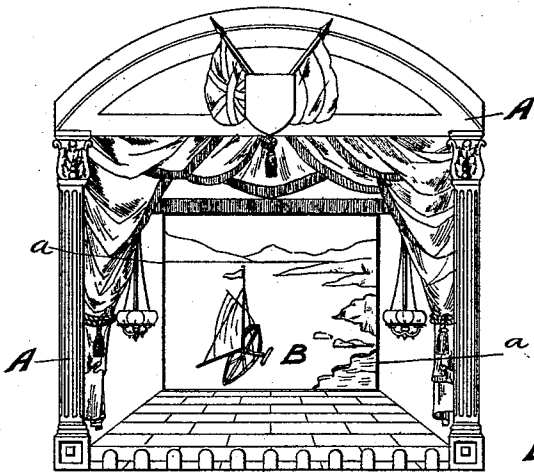


FIG. 1

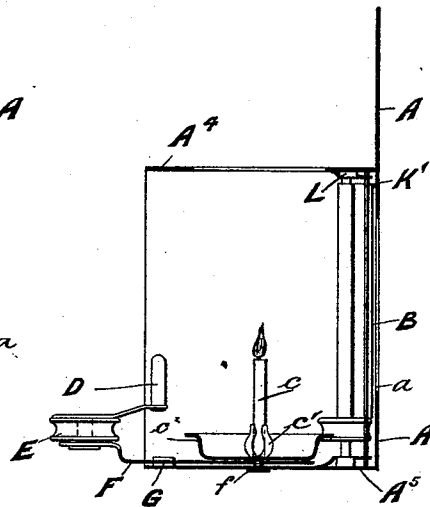


FIG. 2

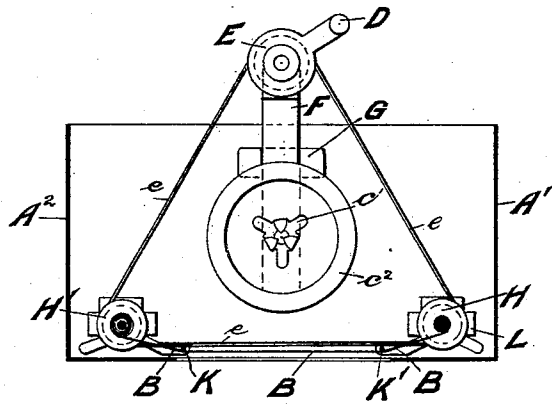


FIG. 3



FIG. 5

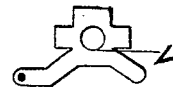


FIG. 6

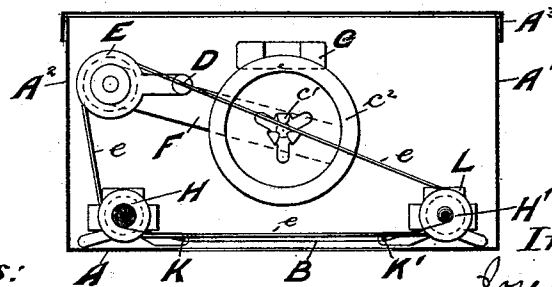


FIG. 4

Witnesses:

E. B. Bolton

C. H. Sturtevant.

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UNITED STATES PATENT OFFICE.

JOSEPH WALKER, OF BIRMINGHAM, ENGLAND.

TOY.

SPECIFICATION forming part of Letters Patent No. 530,142, dated December 4, 1894.

Application filed March 7, 1894. Serial No. 502,742. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH WALKER, of Birmingham, England, have invented certain new and useful Improvements in Toys, of which the following is a specification.

This invention has reference to the manner in which I construct a toy, having the form of an imitation show panorama, with a moving screen containing views of landscape and other pictures which may be readily wound off one roller on to another, so as to be made to pass before an open portion of the front casement or face of the box or cabinet, which contains the whole arrangement, appliances and fittings for giving motion to the screen. Behind the opening of the cabinet and within it, I place a candle holder, and a pivoted hand operated roller, which roller or driving pulley, upon being drawn out, tightens the driving elastic or other band or cord, thus causing the screen rollers to revolve when the handle is turned.

In the accompanying sheet of explanatory drawings, Figure 1 is a general or front elevation of my cabinet or case. Fig. 2 is a sectional end elevation through the cabinet, showing the front plate A, with its screen opening *a*, and the screen B, in position, while the candle C and handle D upon its roller E, is placed in its out position as required when operating for traversing the screen B. The sectional plan of my cabinet in Fig. 3 illustrates my method of tightening the driving band *e*, and Fig. 4 shows my cabinet A A' A² in section with the handle in its inner or closed position within the box with the cover or back A³ placed upon the end to inclose and protect the whole. Figs. 5 and 6 are details of the cap plate L.

I cause my candle holder *c'* to be formed with a base or dish *c²*, the clips *c'* securely springing on to the surface of the candle *c*, as shown in Fig. 2. The attaching pin *f*, which secures the candle holder and base to the bottom of my cabinet, I employ as the pivot or axis upon which the bracket plate F, may turn when it is required to tighten the driving band *e*, and when the pulley E, is to be brought into its driving or out position from that shown in Fig. 4 to that shown in Fig. 3, I cause the bracket plate F to be secured in position when outside the case or cabinet A, A' A², as shown in Fig. 3, by means of a catch plate G, formed with projecting sides so as to permit of the bracket F being firmly re-

tained while the pulley E is revolved by the handle D. The bracket plate F, I construct from metal capable of springing to the extent necessary to pass over the projecting sides of the catch G, in order to enter its recessed or central bedding groove.

I keep the traveling screen or sheet B, near to the inner face of the opening *a*, by means of two vertical guide bars or rods K K', which extend from the top A⁴, to the bottom or base A⁵, of my cabinet, these rods being carried in projecting ears or lugs formed upon the roller spindle bracket or cap plate L, shown in detail plan and elevation at Figs. 5 and 6.

I eyelet or attach my candle cup to the base A⁵ by means of the eyelet or pin *f*, upon which the bracket F and its self-contained handle and driving roller may turn freely.

I make an opening within the top A⁴ of my case or cabinet immediately above the candle cup for permitting the heat to escape, and I place a descriptive lecture pamphlet or booklet within my cabinet, for use by the operator, when describing the pictures and scenes upon the panoramic sheet.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. The construction and arrangement of a toy panoramic show in which the rollers containing or carrying the picture, sheet or screen are rotated by means of an operating handle and driving wheel carried upon a pivoted bracket plate, which is capable of being withdrawn beyond the case or cabinet, substantially as and for the purposes hereinbefore described, and as illustrated in the accompanying drawings.

2. In a toy panoramic show cabinet case or box the construction of a pivoted driving wheel bracket plate F, which is capable of entering into, or upon a catch plate, or retaining plate G, when the roller driving elastic band *e*, is to be tightened, and the wheel E, set in motion by the handle D, substantially as hereinbefore described and as illustrated in the accompanying drawings.

In witness whereof I have hereunto set my hand in presence of two witnesses.

JOSEPH WALKER.

Witnesses:

GEO. CROYDON MARKS,
ALBERT EDWARD PARKER.