

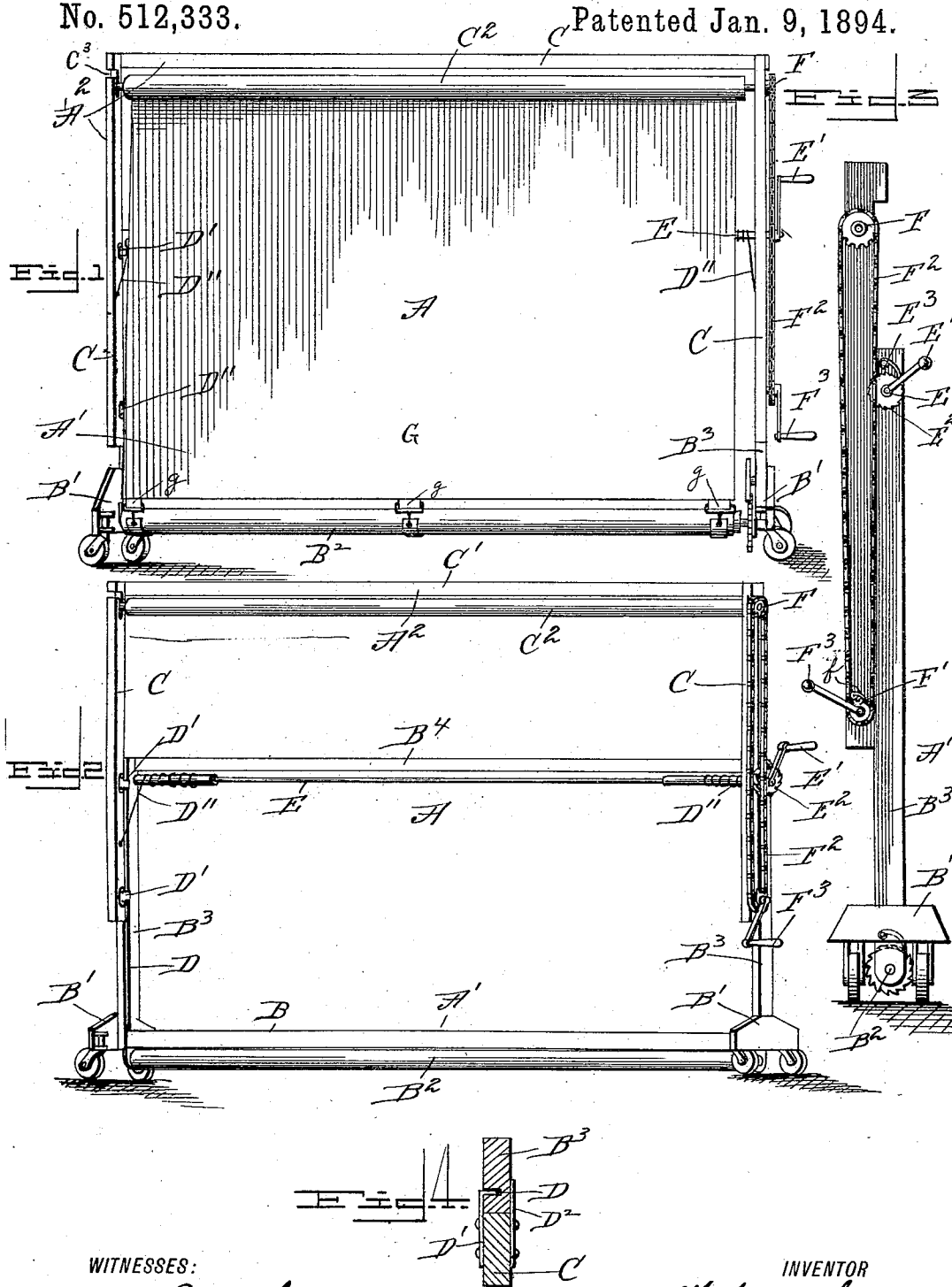
(No Model.)

M. M. SIMMER.

BACKGROUND CARRIER FOR PHOTOGRAPHERS.

No. 512,333.

Patented Jan. 9, 1894.



WITNESSES:

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BACKGROUND-CARRIER FOR PHOTOGRAPHERS.

SPECIFICATION forming part of Letters Patent No. 512,333, dated January 9, 1894.

Application filed March 21, 1893. Serial No. 466,990. (No model.)

To all whom it may concern:

Be it known that I, MATHIAS M. SIMMER, a citizen of the United States of America, residing at Henderson, in the county of Sibley and State of Minnesota, have invented certain new and useful Improvements in Background-Carriers for Photographers, of which the following is a specification.

This invention relates to certain new and useful improvements in a background carrier for photograph galleries, and it has for its object to provide a changeable background for use in taking photographs, of compact and adjustable form, easily operated, and which may be cheaply manufactured.

The novelty resides particularly in the operation and adjustability of the device.

Reference is to be had to the accompanying drawings in order to clearly comprehend the invention.

Figure 1 is a general perspective view of the background carrier showing background bands mounted thereon. Fig. 2 is a perspective view of the carrier with the bands removed. Fig. 3 is a view in side elevation of one end of the frame showing mechanism for adjusting and operating the carrier. Fig. 4 is a view in detail of two portions of the frame which are adjustable upon each other.

A refers to the carrier frame of rectangular shape composed of a lower section A¹ and an upper section A² adjustable upon the lower section, as hereinafter more fully described. The lower section is of rectangular shape, see Fig. 2, and has a base B with T shaped ends B¹, to give stability. The lower section is mounted upon suitable casters to permit the frame to be easily and readily moved about. Underneath base B is suitably mounted a spring roller B² of ordinary construction.

B³ are uprights the lower ends of which are securely attached to the ends of the base piece B¹ and the upper ends of which are connected by a cross piece B⁴.

The upper section A² is composed of two uprights C, connected at the top by a cross piece C¹. Underneath this cross piece, mounted in the upper ends of the uprights C, is a roller C² so mounted that it may be readily removed from the upper section by means of a slot C³ in the upper end of one of the uprights C.

D are grooves on both sides of and near the front edges of the uprights B³, and D¹ are guides fastened on the rear sides of and near the lower ends of the uprights C which engage the grooves in the lower uprights to hold the upper and lower sections together and permit the former to be adjusted on the latter, as will hereinafter appear. Guides D² may be attached to uprights C, opposite guides D¹ when found desirable.

E is a roller mounted underneath cross piece B⁴ in the upper ends of the uprights B³.

D¹ are cords securely attached at one end to roller E and at the other end to pins or suitable fastening devices on the inside and near the lower ends of uprights C.

On the right hand end of the roller E, which extends through the upright, is a crank E¹ having a toothed wheel E².

E³ is a pawl mounted on the upright adjacent to the wheel E² to engage the teeth of the wheel.

Roller C² extends through the right hand upright C and has a gear wheel F on its end. Near the lower end of the right hand upright C is mounted a short shaft with a gear wheel F¹ on its outer end having a crank F³. Above wheel F¹ on the upright C is mounted a pawl, of well known form, to engage the teeth of wheel F¹. An endless linked chain F² connects these two gear wheels. Bands G of suitable material connected together, or in one piece, plain or with suitable paintings or representations thereon are securely fastened to the upper roller C², and detachably secured to the lower roller B² by means of ribbons g attached to the lower end of bands G and buckles b² suitably attached to roller B². By means of roller C², gear wheels F, F¹, chain F², and crank F³, the bands may be rolled on the rollers B² C² to bring any desired portion or representation on the band into proper position for use as a background.

By having roller C² so mounted that it may be readily removed from the upper frame, and the bands detachably secured to the lower roller, as shown, it is evident that band G may be rolled up on roller C², removed from the frame, and another roller and band substituted in its place.

By revolving crank E¹, it is evident that the upper frame may by means of roller E, and

connecting cords D' be raised or lowered on the lower section and held in any desired position by the pawl E³ which engages wheel E².

I do not limit myself to any particular material in the construction of my device, and it is evident that minor changes may be made without departing from the spirit of my invention.

What I claim as new is—

10 A background carrier for photographers' use mounted on casters, and comprising two rectangular shaped frames, one vertically adjustable on the other a roller removably mounted in the upper end of the upper frame,
15 a second roller mounted in the lower frame near its base a band having sections of different shades and representations, said band be-

ing securely attached at one end to the upper roller and detachably fastened to the lower roller, mechanism to revolve the rollers simultaneously to roll and unroll the band, a roller in the lower frame near its upper end, cords connecting this roller with the lower ends of the upper frame, a crank and wheel on one end of this last named roller, and a pawl on the lower section to engage the wheel, substantially as described and set forth.

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

MATHIAS M. SIMMER.

Witnesses:

LOUIS ROTHMUND,
JOHN McGRANN.