



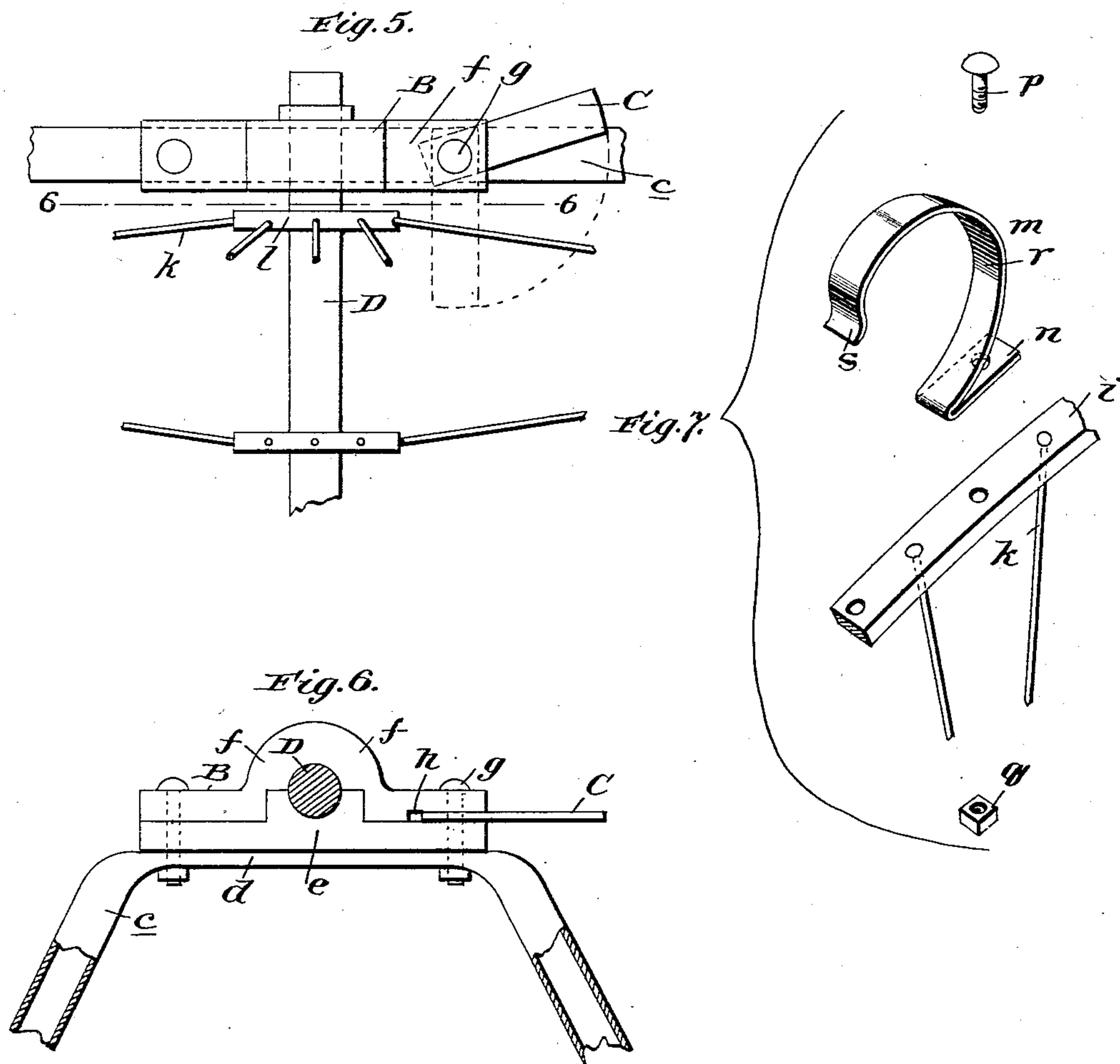
No. 745,933.

PATENTED DEC. 1, 1903.

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WALL PAPER EXHIBITOR.  
APPLICATION FILED APR. 5, 1902.

NO MODEL.

2 SHEETS—SHEET 2.



Witnesses:

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# UNITED STATES PATENT OFFICE.

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## WALL-PAPER EXHIBITOR.

SPECIFICATION forming part of Letters Patent No. 745,933, dated December 1, 1903.

Application filed April 5, 1902. Serial No. 101,553. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM J. TWAY, a citizen of the United States, residing at Albuquerque, in the county of Bernalillo, Territory of New Mexico, have invented new and useful Improvements in Wall-Paper Exhibitors, of which the following is a specification.

My invention relates to improvements in wall-paper exhibitors; and it consists in the peculiar and advantageous apparatus herein-  
after described and claimed for holding a large number of rolls of wall-paper or the like and exhibiting the same to advantage.

In the accompanying drawings, Figure 1 is a side elevation of my improved wall-paper holder and exhibitor with rolls of wall-paper in proper position on the reel thereof. Fig. 2 is a front elevation of the apparatus with the rolls of wall-paper removed. Fig. 3 is a horizontal section taken in the plane indicated by the broken line 3 3 of Fig. 1. Fig. 4 is a detail section taken on the broken line 4 4 of Fig. 2. Fig. 5 is a detail view illustrating by full lines the lock bar or brake in its inoperative position and by broken lines said bar or brake in engagement with the reel, so as to hold the latter against casual rotation. Fig. 6 is a detail section taken in the plane indicated by the broken line 6 6 of Fig. 5; and Fig. 7 comprises disconnected perspective views of one of the spring-clamps and a portion of one rim of the reel, together with disconnected perspective views of the bolt and nut through the medium of which the clamp is connected to the rim.

In the said drawings similar letters of reference designate corresponding parts in all of the several views, referring to which—

A is the main frame of my improved apparatus. This frame is preferably made of gas-pipe, and comprises a rectangular base *a*, having swiveled caster-wheels *b* at its four corners, so as to facilitate movement of the apparatus, and standards *c*, which are connected to and rise from opposite sides of the base and are provided with flattened intermediate portions *d*, disposed horizontally, as shown. On these flattened portions of the standards journal-bearings *B* are arranged, the said bearings preferably comprising base-blocks *e* and cap-blocks *f*, connected together and to

the intermediate portions *d* of the standards through the medium of bolts *g*. The cap-block *f* of one of the bearings *B* is rabbeted at one end, as indicated by *h* and best shown in Fig. 6, to afford play-space for a lock-bar *C*, which is pivotally connected to said bearing by one of the bolts *g* and is designed to be swung in a horizontal plane into and out of engagement with the reel, as will hereinafter be more fully pointed out.

*D* is a transverse shaft which is journaled in the bearings *B* and forms part of the reel of the improved apparatus. In addition to the said shaft the reel in the preferred embodiment of the invention comprises two parallel circular rims *i*, connected together by diagonal braces *j* and connected by spokes *k* to hubs *l*, fixed on the shaft, and spring-clamps *m*, arranged on and connected to the peripheries of the rims *i* and also arranged so that each clamp on one rim will rest coincident with a complementary clamp on the other rim, this in order to enable each pair of clamps on the rims to receive and hold a roll of wall-paper or the like. The clamps *m* are by preference respectively formed of one piece of suitable spring metal and respectively comprise a base portion *n*, adapted to rest on and be connected by a bolt *p* and nut *q* to one of the rims *i* and a hook-shaped portion *r* of a size to receive and hold a roll of wall-paper, the said hook-shaped portion terminating in a lip *s*, designed to facilitate placing of a roll of paper in the clamp and removal of the roll from the clamp and prevent tearing or marring of the roll incident to such operations.

In the practice of my invention the reel is provided with such a number of pairs of clamps *m* that when it receives its full complement of rolls of wall-paper it is balanced, and hence not liable to casually rotate or turn. From this it follows that while the brake or lock-bar *C* may be used when desired to hold the reel against casual rotation its chief purpose is to hold the reel against turning while rolls of paper are being placed on or removed from the reel. As will be appreciated by reference to Fig. 5, the bar or brake *C* may be readily thrown between two spokes of the reel to hold the same against



rotation and as readily thrown out of engagement with the reel, and that in consequence it is calculated to materially facilitate the placing of rolls on and the removal of the same from the reel.

The rolls of paper are sprung into and out of the pairs of clamps when placed on and removed from the reel and when held by the clamps are arranged so that the end portions of the papers are exposed after the manner shown in Fig. 1. They are also so arranged that the three kinds of paper ordinarily employed for a room are grouped together—that is to say, the first or lower roll of each series of three is formed of paper for the wall of a room, the next upper roll of paper for the border of a room, and the next or top roll of the series of paper for the ceiling of the room or apartment. This arrangement of the rolls in series is advantageous, since a prospective purchaser is enabled to see the three kinds of paper designed to be used in a single room in their proper relative positions, and is also advantageous because it renders it unnecessary for the salesman to handle the rolls of paper in order to bring the kinds designed for a single apartment in juxtaposition.

It will be readily appreciated from the foregoing that my improved apparatus is calculated to hold a large number of rolls of wall-paper in such manner as to enable a salesman to expeditiously show all of the kinds of paper to a prospective purchaser; also, that the apparatus is adapted to hold the rolls of paper without injury thereto, and notwithstanding its capacity takes up but a minimum amount of floor-space and may be readily moved from place to place, so as to obtain the best light on the papers and show the same to advantage.

The shaft D of the reel is preferably extended beyond one of the standards of the frame, as best shown in Fig. 2, and provided with a hand-wheel *t*, through the medium of which the salesman may conveniently turn the reel while exhibiting the papers to a pros-

pective purchaser. Said extension of the shaft is also preferably provided with a pulley *u*, designed to receive a belt from a suitable motor when it is desired to continuously rotate the reel for display or advertising purposes.

I have entered into a detail description of the construction and relative arrangement of parts comprised in my improved wall-paper holder and exhibitor in order to impart a full, clear, and exact understanding of the same. I do not desire, however, to be understood as confining myself to such specific construction and arrangement of parts, as such changes or modifications may be made in practice as fairly fall within the scope of my claim.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

The herein-described wall-paper holder and exhibitor consisting essentially of a frame made up of a base, standards connected to and rising from the base, and having horizontal intermediate portions, and bearings arranged on and connected to said horizontal portions; one of the said bearings having a horizontal recess *h*, a reel made up of a shaft journaled in the bearings, parallel, circular rims disposed between the frame-standards, spokes connecting the shaft and the rims, and spring, roll-holding clamps arranged at intervals on and connected at one end to the outer sides of said rims, and having free outer ends; the said clamps being also arranged so that each clamp on one rim rests coincident with a complementary clamp on the other rim, and a horizontal lock-bar pivoted in the recess *h* of the frame, and arranged to be swung horizontally between spokes of the reel.

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

WILLIAM J. TWAY.

Witnesses:

J. M. C. MURPHY,  
A. E. PERCIVAL.