



(No Model.)

2 Sheets—Sheet 2.

F. W. MOHN,  
STAGE APPLIANCE.

No. 467,754.

Patented Jan. 26, 1892.

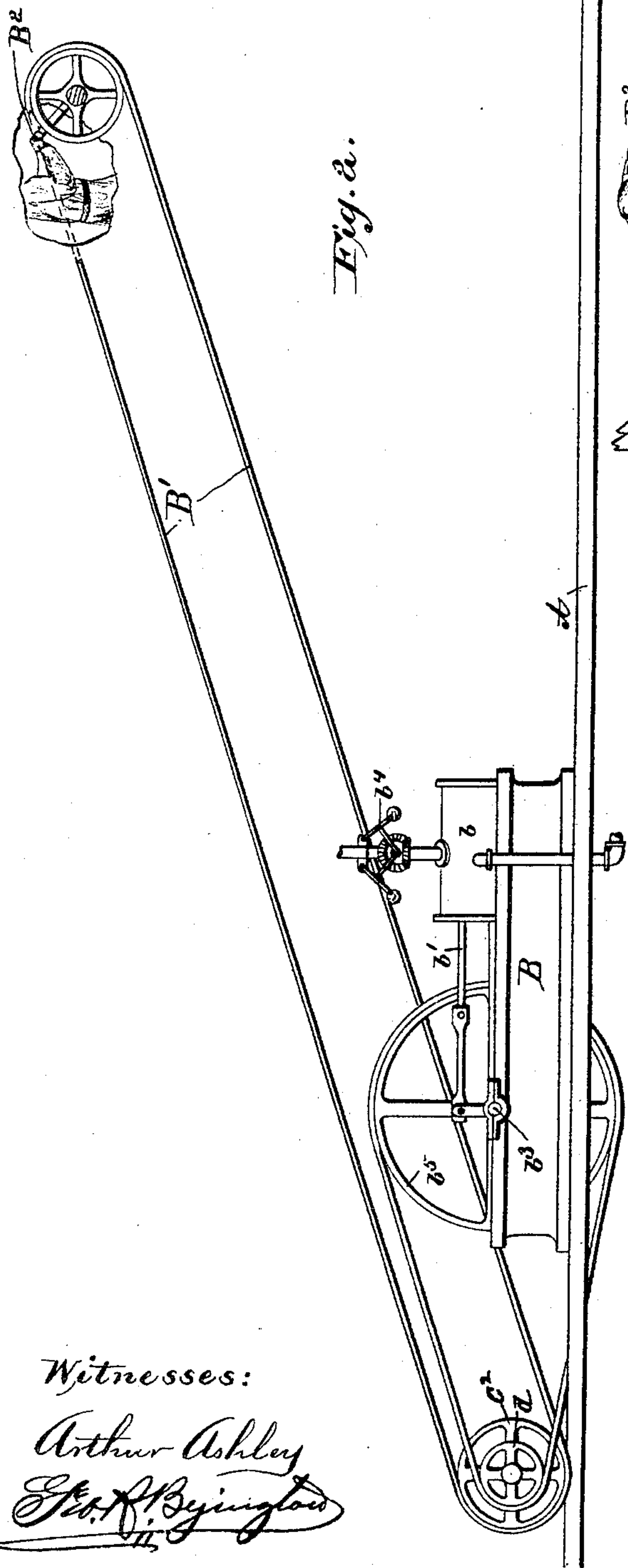


Fig. 2.

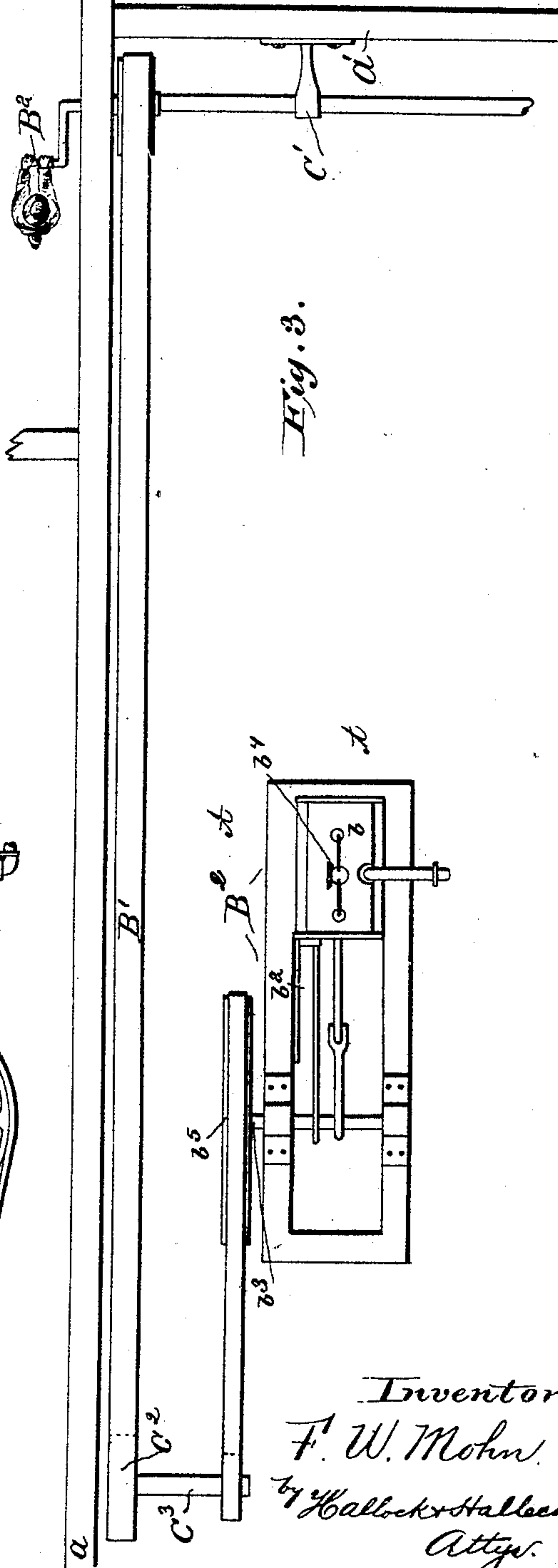


Fig. 3.

Witnesses:

Arthur Ashley  
Geo. R. Bevington

Inventor

F. W. Mohn.  
by Hallock & Hallock  
Attys.



# UNITED STATES PATENT OFFICE.

FREDERICK W. MOHN, OF HOBOKEN, NEW JERSEY.

## STAGE APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 467,754, dated January 26, 1892.

Application filed June 20, 1890. Serial No. 356,107. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK WILLIAM MOHN, a citizen of the United States, residing at Hoboken, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Stage Appliances; and I 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 appertains to make and use the same.

My invention relates to that class of theatrical appliances in which dramatic and scenic effects are produced by means of mechanism operated upon the stage.

The object of my invention is to produce upon the stage mechanism to represent a workshop in full operation, whereby certain stage effects, hereinafter described, can be dramatically represented.

The invention consists of constructions and combinations, all as will hereinafter be described in the specification and pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 represents a front view of the stage with mechanism in proper position; Fig. 2, a side elevation, and Fig. 3 a top plan with the ceiling part of scenery removed.

A represents the floor of the stage, and B the scene. This scene B is substantially rectangular in form and is preferably so constructed as to represent two rooms C C', as shown in Fig. 1.

a a represent the side walls, and a' the dividing-partition between the rooms, which is provided with a doorway c, constructed in any desired way.

At the back end of room C and running across said room is a power-shaft b<sup>6</sup>, supported by bracket c' and operated from behind the wall a in any convenient manner. Shaft b<sup>6</sup> is provided near one end with a pulley b<sup>7</sup>, around which passes belt B', said belt also passing around pulley c<sup>2</sup> on shaft c<sup>3</sup>, which shaft imparts motion to the fly-wheel b<sup>5</sup> of engine B<sup>2</sup> by the pulley d on the outer end of

said shaft, as clearly shown in the drawings. The belt B' is of greater width than those ordinarily used, for the reason that it is designed to carry the weight of a person at some interval during the play. The engine B<sup>2</sup> is constructed in a very simple and inexpensive manner, having only the main features, such as cylinder b, piston b', valve-rod b<sup>2</sup>, crank-shaft b<sup>3</sup>, and governor b<sup>4</sup>. The opposite end of shaft b<sup>6</sup> is provided with a suitable gear-wheel c<sup>4</sup>, which meshes with gear c<sup>5</sup> on shaft b<sup>8</sup>. This shafting b<sup>8</sup> extends the entire length of both rooms and is supported by brackets or hangers c<sup>6</sup>. At suitable intervals along the shaft b<sup>8</sup> are two pulleys c<sup>7</sup> and c<sup>8</sup>, which impart motion to the machines A' A<sup>2</sup> through the medium of belts, as shown in Fig. 1 of the drawings.

In room C', A<sup>3</sup> represents work-benches, tables, or the like, and it is designed to represent more especially a finishing or assembling room.

What I claim is—

1. A stage structure representing a workshop, having the driving-shaft b<sup>6</sup>, carrying pulley b<sup>7</sup> and gear c<sup>4</sup>, said pulley b<sup>7</sup> imparting motion to the engine B by means of belt B', and motion being imparted to shaft b<sup>8</sup> by means of the gears c<sup>4</sup> and c<sup>5</sup>, substantially as and for the purpose set forth.

2. In theatrical scenery, the combination, with the stage, of a structure representing a workshop comprising two rooms C and C', room C having the driving-shaft b<sup>6</sup>, which imparts motion to the engine and to shaft b<sup>8</sup> by means of the belt and gears, as described, said shaft b<sup>8</sup> also extending through room C', which is provided with work-benches, substantially as shown.

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

F. W. MOHN.

Witnesses:

his  
JOSEPH X FITZSIMMONS,  
mark  
WILLIAM J. DOWDEN.