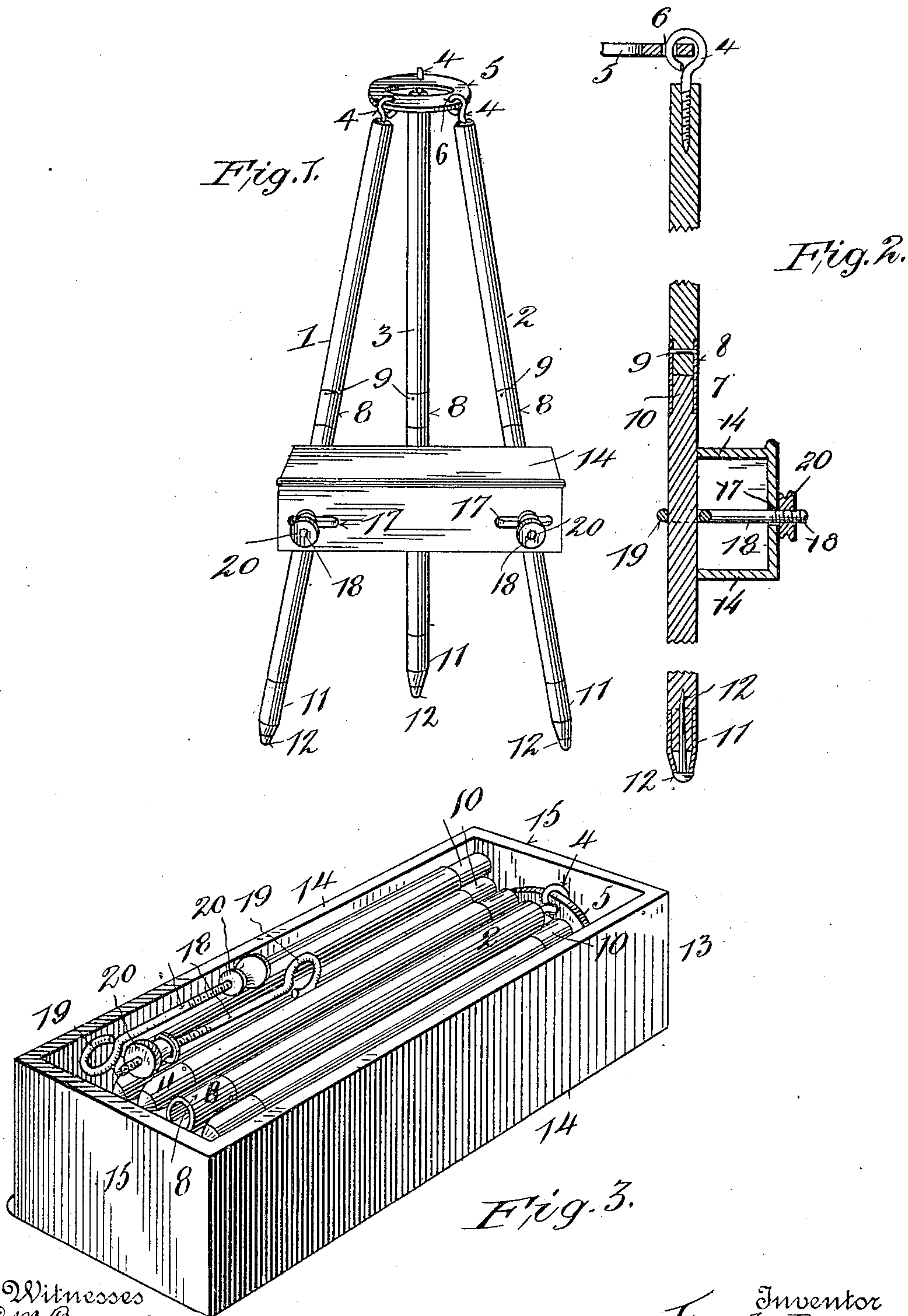


No. 831,766.

PATENTED SEPT. 25, 1906.

J. BING.  
KNOCKDOWN EASEL.  
APPLICATION FILED AUG. 3, 1905.



Witnesses  
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# UNITED STATES PATENT OFFICE.

JOSEPH BING, OF NEW YORK, N. Y.

## KNOCKDOWN EASEL.

No. 831,766.

Specification of Letters Patent.

Patented Sept. 25, 1906.

Application filed August 3, 1905. Serial No. 272,478.

*To all whom it may concern:*

Be it known that I, JOSEPH BING, a citizen of the United States, and a resident of the city, county, and State of New York, have  
5 invented certain new and useful Improvements in Knockdown Easels, of which the following is a specification.

My invention relates to easels, such as are used for painting, &c.; and my object is to  
10 provide a simple easel which may be knocked down and contained within a small receptacle which may form a part of the easel when in use, and also to provide means whereby the easel-rest may be raised or lowered without  
15 altering the position of the legs of the easel.

In securing the results which I have the principal accomplishment is simplicity of construction.

The details of my invention will be herein-  
20 after more fully set forth.

In the drawings forming part of this specification, Figure 1 is a front elevation of my easel in the position ready for use. Fig. 2 is a cross-section through one of the front legs  
25 and the rest, and Fig. 3 is a perspective view of the easel when folded and contained in the case.

In the construction of the easel I have provided three legs 1, 2, and 3, connected at the  
30 top, by means of eyes 4, to a head 5, which is preferably circular, the eyes 4 engaging through the apertures 6 in the top piece. These legs are jointed at the point 7 by means of a ferrule 8, which is secured by a pin 9 to  
35 one portion of the leg, whereby the end 10 fits into the ferrule and completes the joint. At the lower ends of the legs any suitable tip, such as the one 11, having a pin 12 entering the end of the leg, may be provided.

The other part of the easel consists of a preferably rectangular box 13, having sides, ends, and bottom 14, 15, and 16. On the  
40 part of the box which I have termed the "bottom" I have provided elongated apertures 17, the purpose of which when the easel is set up, as shown in Fig. 1, is to accommodate clamp-  
45 ing-rods 18. These rods have eyes 19, surrounding the easel-legs, and a screw-cap 20, secured on the opposite end by means of  
50 screw-threads and which when screwed

clamps the easel-leg securely against the inner edges of the rectangular box, thus forming out of the box a rest for the easel. As the apertures 17 are elongated, the two caps 20 may be loosened and the box raised or  
55 lowered to any desired position on the legs. The apertures also allow for lateral adjustment of the front legs of the easel. When it is desired to carry the easel, the caps 20 are loosened, the legs are withdrawn from the  
60 loops 19, they are then disjointed, and the various parts are placed in the box 13, as shown in Fig. 3.

This forms a simple and efficient easel with adjustable parts, which may all be contained  
65 within one of the parts of the easel for carrying.

Having described my invention, what I claim is—

1. An easel having legs and a rest, said  
70 rest comprising a receptacle which is adapted to contain the other parts of the said easel for carrying purposes.

2. An easel comprising a plurality of legs having a top piece connecting them together,  
75 a rest, having elongated slots 17 therein, and a clamp in each of said slots, comprising rods with loops 19 which engage around the legs, and which are adapted to cause the legs to be  
80 held by the rest, the said slots in the rest allowing for the movement therein of the clamps for the purpose of raising or lowering the rest on the legs.

3. An easel comprising legs 1, 2 and 3, secured at the upper ends to a top piece, and  
85 the rest comprising a box 13 having elongated apertures and connecting-rods, adapted to pass through said apertures and engage the legs of the easel, and means for clamping the said legs to the said box by means of the said  
90 rods, whereby the box is adjustable vertically on the said legs, and whereby the legs may be adjustable laterally, said box being adapted to contain the other parts of the easel when knocked down.

Signed this 2d day of August, 1905.

JOSEPH BING.

Witnesses:

GUSTAVE THURNOW,

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