

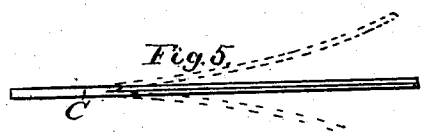
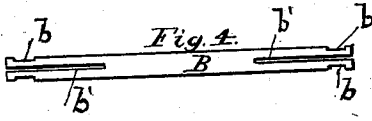
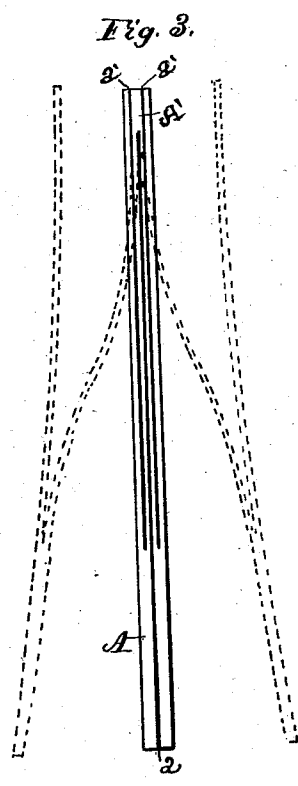
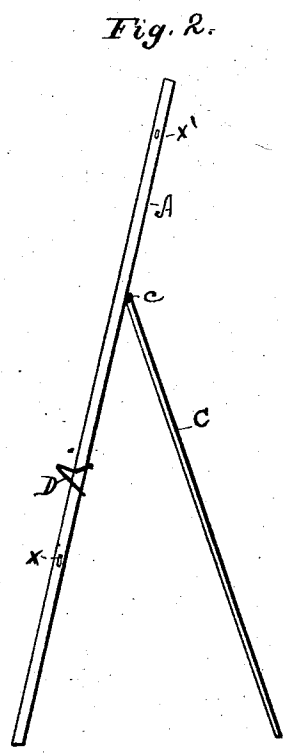
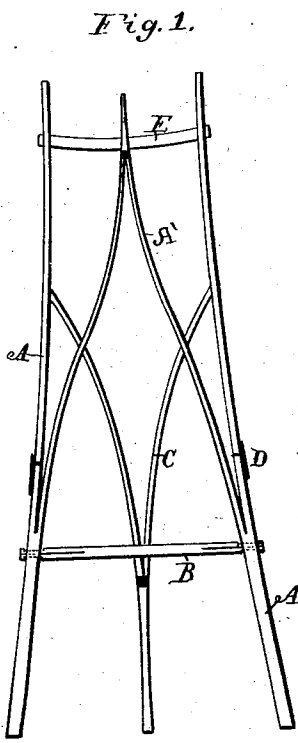
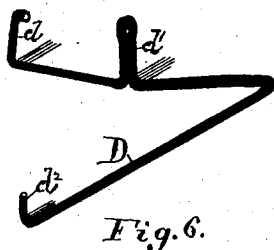
(Model.)

S. M. PHILBRICK.

EASEL.

No. 247,945.

Patented Oct. 4, 1881.



Witnesses:
S. C. Dorticor.
E. D. Bates.

Inventor:
Samuel M. Philbrick
 by *S. H. Bates*
 his Atty

UNITED STATES PATENT OFFICE.

SAMUEL M. PHILBRICK, OF WATERVILLE, MAINE.

EASEL.

SPECIFICATION forming part of Letters Patent No. 247,945, dated October 4, 1881.

Application filed December 24, 1880. (Model.)

To all whom it may concern:

Be it known that I, SAMUEL M. PHILBRICK, a citizen of the United States, residing in Waterville, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Easels; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

Figure 1 shows front elevation of my easel put together and standing in position. Fig. 2 shows side view of the same. Figs. 3, 4, 5, and 6 show the various parts in detail.

My invention relates to easels such as are used by artists and others; and it consists in a cheap, simple, and novel manner of constructing the same.

In the accompanying drawings, which are hereby made a part of this specification, A denotes a strip of wood of suitable length, width, and thickness. Three saw scarfs or separations are made in this strip—one, *a*, in the middle, beginning at the lower end and extending nearly the entire length, and the other two, *a'*, beginning at the upper end at each side of the middle piece, *A'*, and extending downward a suitable distance in such a manner that the strips may be spread apart into the form shown in Fig. 3. The strip *A* as thus spread forms the body of the easel, and is held in position by the two bars *B* and *E*. The bar *B* has at each end two notches, *b*, of the same width as the legs of the strip or frame *A*. Each end of the bar *B* is also split, as at *b'*, with a saw or otherwise in such a manner that the ends can be sprung together and passed through the holes *x x'* in the frame *A*, and then expanding will be held in place, the notches in the ends of the bar *B* thus holding the frame *A* from moving laterally in either direction. The bar *E* may be made of the same size as the holes *x x'* in frame *A*, through which it passes, and is placed in position by passing it through from one side to the other.

The rest *C* is a strip of wood, of suitable size, split up the middle for a considerable distance, or else two strips secured together, the free ends being suitably attached to the sides of the frame *A* by hooks *c* or otherwise.

D D are brackets made of round iron or

other metal, and bent into such a form that when the two projecting arms *d* and *d'* are made to clasp the frame *A* at the sides the hook *d²* may be sprung back, catching the rear of the frame *A* above the point of the arms *d* and *d'*, and holding the bracket firmly in place.

Immediately below the points on the strips *A* and *C*, where they begin to spread, may be placed rivets or other suitable appliances to prevent splitting.

Under some circumstances *A'* can be a separate piece, riveted at its lower end to *A*.

If desired, the bar *B* can be made of three or more pieces, properly riveted together, and thus present in appearance and use substantially the same device as is now shown. The bar *E*, also, can be made and applied in the same manner as bar *B*.

As thus constructed, I produce an easel which is at the same time cheap, simple, durable, capable of being readily taken apart and put together, and carried in a small bulk, and being of graceful appearance.

I claim—

1. An easel constructed of the wooden strip *A*, cut as described, to form the scarfs *a a'*, and held in position by the bars *B* and *E*, and having rest *C* suitably fastened to it, all being capable of being taken apart readily, substantially as shown.

2. An easel composed of the strip *A*, scarfed at *a a'*; bars *B* and *E*, rest *C*, and bracket *D*, all adapted to be folded up, substantially as described, and for the purposes set forth.

3. In combination with an easel, a bracket, *D*, having arms *d d' d²*, adapted for attachment to the sides of the easel-frame, substantially as and for the purpose set forth.

4. An easel composed of strips *A* and middle piece, *A'*, in one piece, and bars *B* and *E*, and rest *C*, each part made as described, and the whole combined substantially in the manner set forth.

In testimony that I claim the foregoing as my own invention I have affixed my signature in the presence of two witnesses.

SAMUEL M. PHILBRICK.

Witnesses:

WILLIAM H. NICHOLS,
J. W. PHILBRICK.