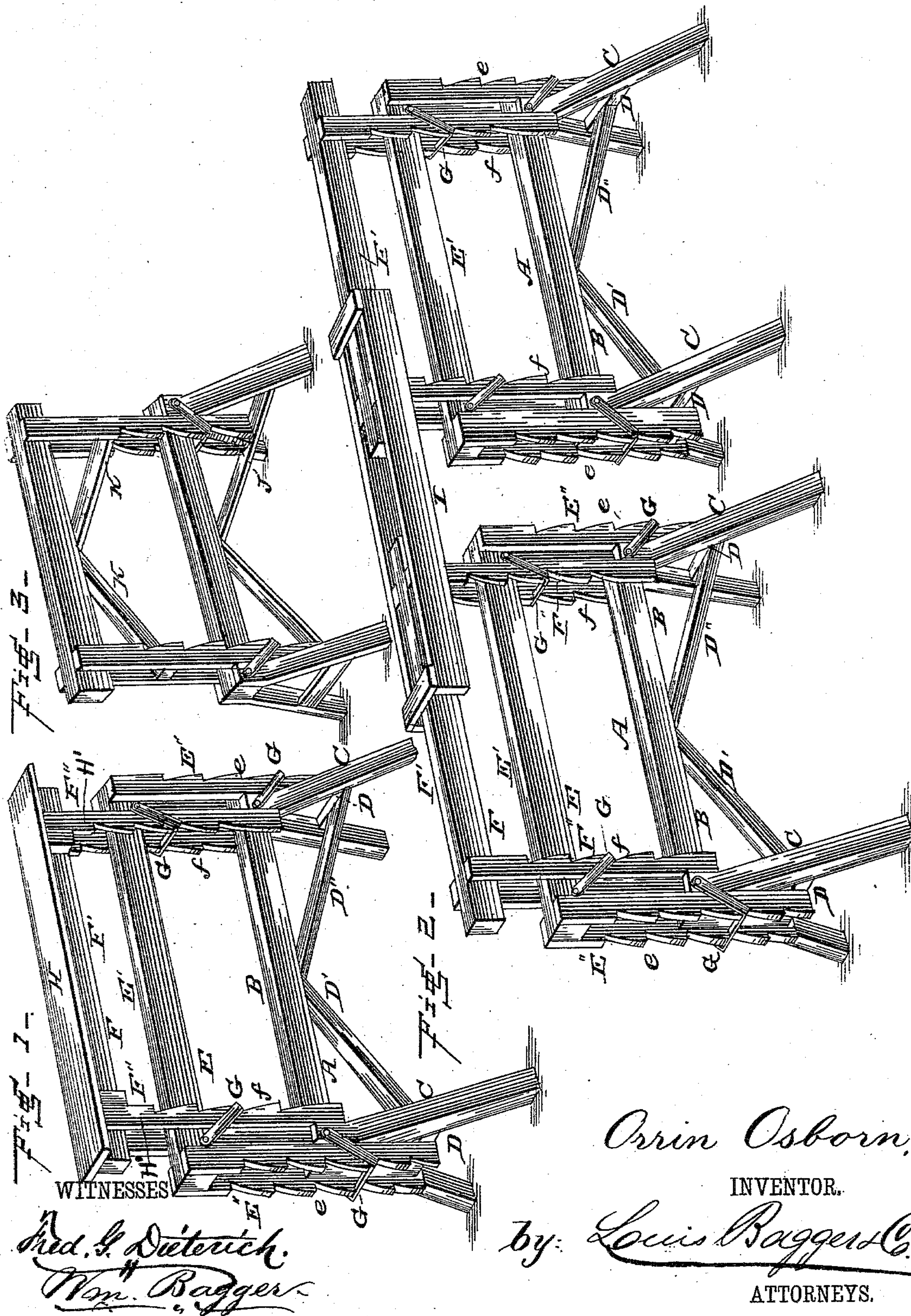


(No Model.)

O. OSBORN.
MASON'S AND BUILDER'S SCAFFOLD.

No. 303,181.

Patented Aug. 5, 1884.



UNITED STATES PATENT OFFICE.

ORRIN OSBORN, OF GLOVERSVILLE, NEW YORK.

MASON'S AND BUILDER'S SCAFFOLD.

SPECIFICATION forming part of Letters Patent No. 303,181, dated August 5, 1884.

Application filed June 4, 1884. (No model.)

To all whom it may concern:

Be it known that I, ORRIN OSBORN, a citizen of the United States, and a resident of Gloversville, in the county of Fulton and State of New York, have invented certain new and useful Improvements in Masons' and Builders' Scaffolds; 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, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved mason's and builder's scaffold. Fig. 2 is a similar view of two of the scaffolds joined together by the connecting frame or bars, and Fig. 3 is a perspective view of a modification of my invention.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to adjustable scaffolds for the use of masons, builders, and others; and it consists in the improved construction and combination of parts of the same, as will be hereinafter more fully described and claimed.

In the accompanying drawings, A represents the horse or lower portion of my improved adjustable scaffold, which comprises the cross-piece B, legs C, and braces D D' D'', each of the said legs consisting of a single piece of wood bent or curved outwardly from the point where it is secured to the cross-piece B, the lower portion of the legs being braced apart and held in their operative position by means of the leg-braces D.

E and F represent the extensible portions of my invention, each of the said portions consisting of a longitudinal cross-piece, E' F', having secured at either end the legs E'' F'', which extend parallel to each other, and are provided on one of their faces with a series of teeth, *e f*, the lower edges or faces of the said teeth being made perfectly straight to adapt them to engage and interlock with the metal stirrups G, pivotally secured near the ends of the lower portion or horse, A, and the lower extensible portion, E. The upper face of the teeth *e* and *f* are beveled or cut away, as shown in the drawings, in order to admit of the ex-

tensible portions E and F being readily raised to any desired height.

H indicates a removable platform having short downwardly-projecting legs H', adapted to fit on each side of the longitudinal cross-piece F' of the upper extensible portion, F, thereby holding the said platform in its operative position.

I indicates the connecting-frame, (shown in Fig. 2 of the drawings,) which serves to connect two of the scaffolds together, when, from the character of the work being performed, it is necessary to employ more than one scaffold. When a larger scaffold is required, adapted to reach to a considerable height and sustain a heavy burden, the legs of the lower horse are constructed with a second brace, J, while the extensible horses are provided with braces K, adapted to brace and strengthen their parallel legs, which are then made of a much greater length. This construction is illustrated in the modification, Fig. 3 of the drawings.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of my improved adjustable scaffold will be readily understood, without requiring further explanation.

It will be seen that my improved scaffold is exceedingly simple in construction, and, being devoid of all complicated parts, is not liable to break or get out of order. It is also exceedingly simple in its operation, and can be adjusted by any person in a short space of time. The removable platform H affords a broad and safe support for the operator to stand upon, while the connecting-bars or frame I convert two or more scaffolds into a single scaffold of any desired length.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A builder's horse consisting of a longitudinal top cross-piece having secured to it at each end legs, each consisting of a single piece of wood or other suitable material curved or bent outward from the point where they are secured to the longitudinal cross-piece, and provided with a suitable brace or cross-piece adapted to hold the lower portion of the legs in their outwardly-curved position, as set forth.

2. As an improvement in adjustable scaf-

5 folds, the combination, with the lower horse, A, constructed as described, and provided with the metal pivoted stirrups G, of the extensible lower portion, E, provided with the metal stirrups G, and having its parallel legs provided with a series of teeth cut off straight upon their lower side or face, to adapt them to engage with the metal stirrups of the lower horse, A, and the upper extensible portion, F, having its parallel legs provided with a series of teeth cut off straight upon their lower side or face, to adapt them to engage with the metal stirrups G of the lower extensible portion, E, all constructed and arranged to operate substantially in the manner and for the purpose shown and set forth.

3. As an improvement in scaffolds, the combination, with the lower horse, A, and extensible portions E and F, of the removable platform H, having the short downwardly-projecting legs H', adapted to hold the platform in its operative position, as set forth.

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

ORRIN OSBORN.

Witnesses:

SYLVESTER BUTLER,
NELSON MABEY.