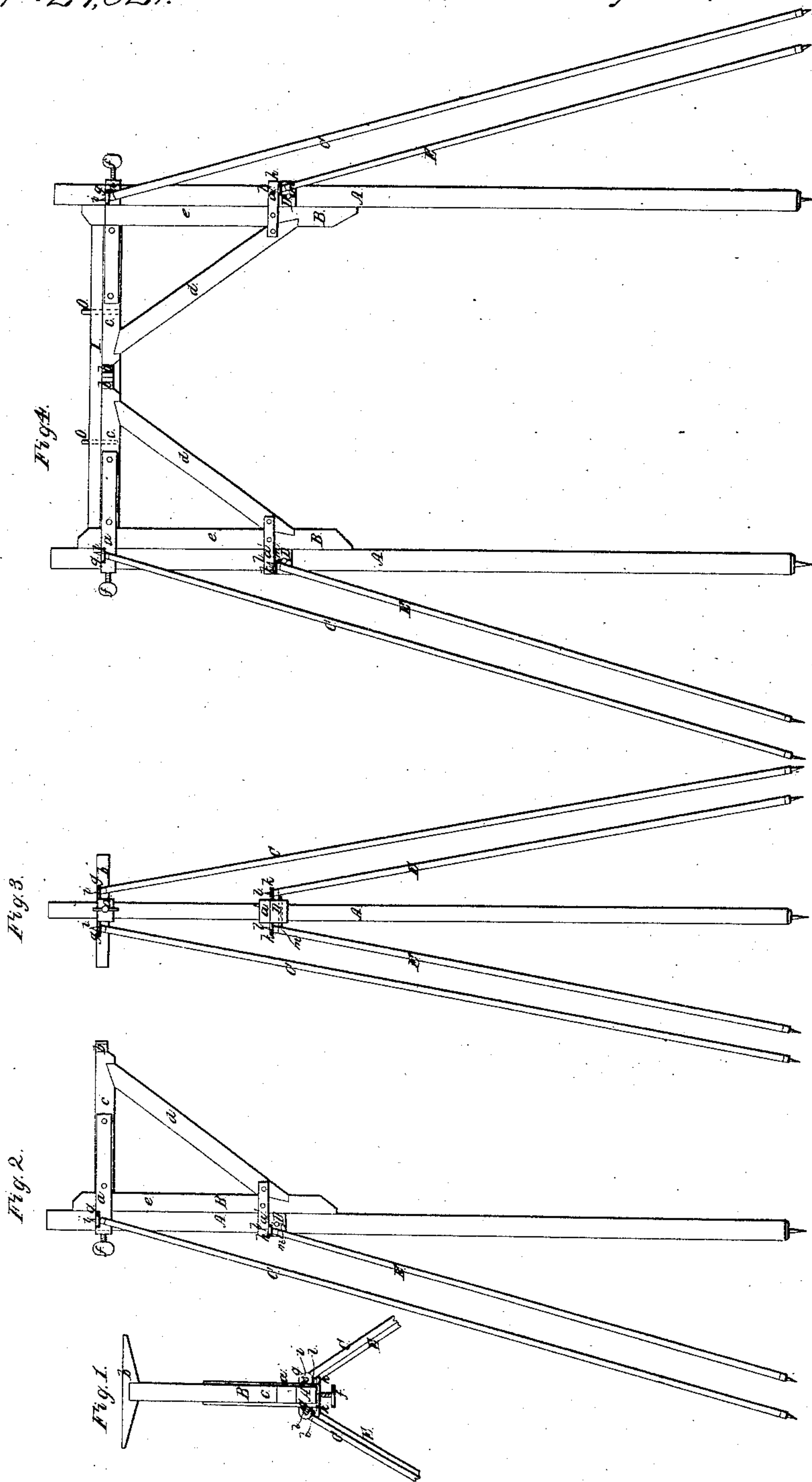


A. Reynolds, Jr.

Stassfeld.

N^o 27,921.

Patented Apr. 17, 1860.



Witnesses.

Arthur Hall

Inventor.

Inventor.
Azul. Reynolds Jun

UNITED STATES PATENT OFFICE.

AZEL REYNOLDS, JR., OF NORTH BRIDGEWATER, MASSACHUSETTS.

STAGING-SUPPORTER FOR MECHANICS' USE.

Specification of Letters Patent No. 27,921, dated April 17, 1860.

To all whom it may concern:

Be it known that I, AZEL REYNOLDS, Jr., of North Bridgewater, in the county of Plymouth and State of Massachusetts, have
5 invented an Improved Staging-Supporter for the Use of Mechanics or Artificers; and I do hereby declare the same to be fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1, is a top view; Fig. 2, a side view; and Fig. 3, a front elevation of one of my improved staging supporters. Fig. 4,
15 is a side view of two of such supporters not only arranged with their lateral rests in contact, but connected by a lap beam.

The supporter is composed of a post or joist A, and a bracket B, the latter being so applied to the post by metallic straps *a*, *a'*
20 as to be capable of sliding longitudinally on it. This bracket is constructed with a T or lateral rest, *b*, arranged transversely on its inner corner, the bracket being formed of three bars, *c*, *d*, *e*, arranged as shown in the
25 drawings.

The upper strap, *a*, is furnished with a clamp screw, *f*, and with two ears, *g*, *g*, each of the latter being provided with a hole through it for the reception of the spear
30 or tenon, *i*, extending from a long strut C, which stands diagonally with respect to the post or joist, A, and has its lower end resting on the ground. Furthermore, the post, A, is provided with a metallic slider, D,
35 which is formed with two ears or socket projections, *k*, *k*, for the reception of the spurs or points, *l*, *l*, of two other struts, E, E, which also are arranged diagonally with respect to the post and rest at their lower ends
40 on the ground. The slider is to be affixed to the post at any suitable altitude by means of a pin *m*, going through both slider and post.

From the above, it will be seen that the

struts are so applied to the post and slider 45 that one pair directly supports one, while the other pair directly supports the other. When two or more of these stage supporters are arranged upright and against a wall or building with their T bars resting against 50 the same, they may be made to support a staging or planks extended from the bracket of one to that of the other, and furthermore, when two of the supporters are arranged together as shown in Fig. 4, and connected by 55 a lap timber, I, laid on their two brackets and having pins, *o*, *o*, passed down through it and the upper bearer of the brackets, the two stage supporters will be connected in such manner as to mutually support one 60 another and be capable of supporting a staging laid on their brackets. This latter arrangement of the stage supporters will be very useful for the erection of a staging within a room, the ceiling of which is either 65 to be plastered or otherwise treated.

I claim—

1. So arranging the two sets of struts of the staging supporter, that one set may directly bear or sustain the sliding bracket 70 while the other supports the post as described.

2. I also claim arranging the two brackets and posts and combining them together substantially as represented in Fig. 4, and as 75 above described.

3. I also claim combining with each post, an adjustable socket carrying ear pieces or bearers for the reception of the struts as 80 described.

4. I also claim combining a lateral rest, *b*, with each bracket, the same being to support the bracket laterally against a wall or another such rest.

AZEL REYNOLDS, JUN.

Witnesses:

R. H. EDDY,
F. R. HALE, Jr.