G. BROWN.

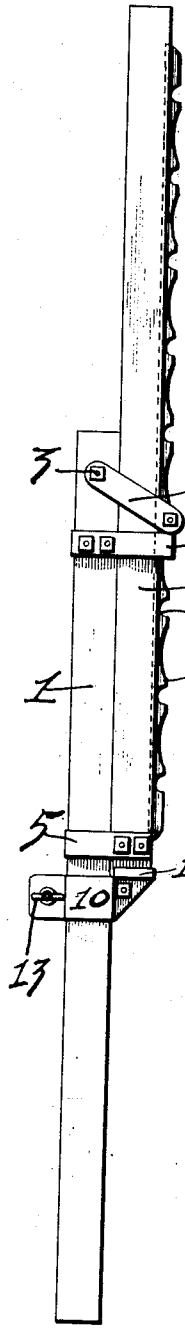
ADJUSTABLE SHORE.

APPLICATION FILED SEPT. 18, 1916.

1,223,367.

Patented Apr. 24, 1917.

FIG. 1.



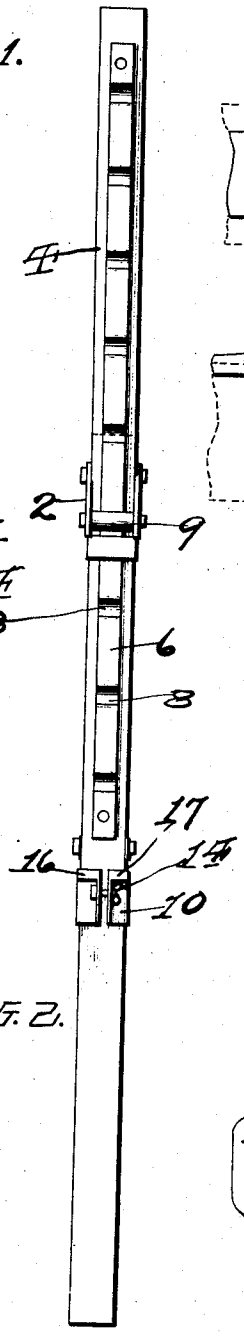


FIG. 2.

FIG. 4.

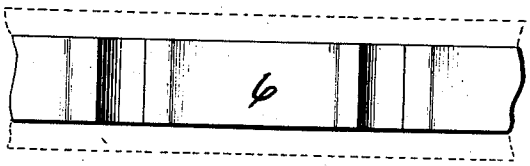
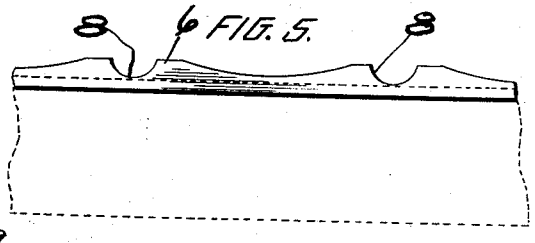


FIG. 5.



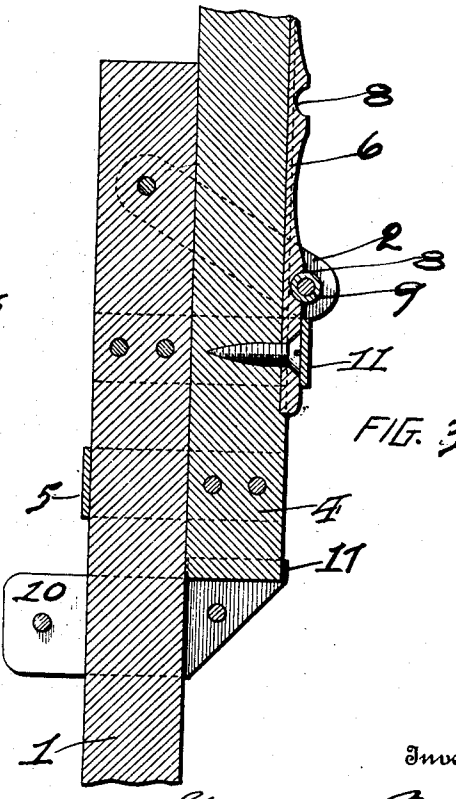


FIG. 3.

Witness

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UNITED STATES PATENT OFFICE.

GEORGE BROWN, OF CHICAGO, ILLINOIS.

ADJUSTABLE SHORE.

1,223,367. Specification of Letters Patent. Patented Apr. 24, 1917.

Application filed September 18, 1916. Serial No. 120,674.

To all whom it may concern:

Be it known that I, GEORGE BROWN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Adjustable Shores, of which the following is a specification.

My invention relates to that class of shores described in my Patent Number 1,193,233, issued August 1, 1916, and is designed as an improvement on the same.

As stated in the specification referred to, the adjustable shore is designed for the purpose of saving the expense incurred by the waste in cutting off timbers for the different height scaffolds.

The adjustment is provided by means of two upright members, which are placed adjacent each other, one of which is provided with a loop which is pivotally attached near the upper end, the loop portion being adapted to engage one of a plurality of notches cut in the face of the adjacent upright.

Practice has shown that in time these notches wear away, and it effectually becomes necessary to entirely discard the notched upright, incurring additional expense.

In addition to this, the loop does not always slide freely owing to the depth of the notches. My invention has for its object to provide a device which will be recessed into the upright, the device preferably being formed of metal and the space intermediate the notches being sloped so that the loop slides freely thereon.

Inasmuch as this device is made of metal, it serves to materially reinforce the upright, so that it is really stronger than it originally was, whereas the notches necessarily have the effect of weakening it.

My invention has for its further object to provide a shelf, against which the lower end of the notched upright will abut, the shelf being slidable upon the other upright and being provided with means to hold it rigidly in position, thus providing means to suspend the notched upright in the event that the loop should be accidentally dislodged from the notch which it is engaging.

My means of accomplishing the foregoing objects may be more readily understood by having reference to the accompanying drawings, which are hereunto annexed and are a part of this specification, in which:

Figure 1 is a side elevation of my improvement.

Fig. 2 is a front elevation.

Fig. 3 is an enlarged detail view showing a fragmentary portion of the shore in section.

Figs. 4 and 5 are fragmentary detail views of my improvement.

Similar reference numerals refer to similar parts throughout the entire description.

As shown in the drawings, 1 is the stationary upright, which is provided with a loop 2, which is pivotally attached adjacent its upper end, by means of the pivot 3.

The slidable upright 4, is held adjacent to the stationary upright, by means of a strap 5, at its lower end, a similar strap 11, serving to hold it at its upper end.

My improved reinforcing device 6, is recessed into the outer face of the slidable upright 4, and, as clearly seen in the detail views, is provided with a plurality of notches, the surface of the metal intermediate the notches being sloped slightly, thus facilitating the easy movement of the upright 4, to the desired height, but as soon as the upright is moved downwardly, to a position where one of the notches 8, will be brought into register with the loop portion 9, of the loop 2, it will engage and hold the slidable upright at that point.

This reinforcing device is preferably formed of steel or malleable iron, and it will be apparent that as it is recessed in the slidable upright 4, it serves to reinforce and strengthen the same, while the notches, being formed of metal, will wear for an indefinite period of time.

As it is thus far described, the device is an operative device. It sometimes occurs in practice however, that the loop 2, may become disengaged from the notch with the result that the slidable upright 4, will fall to the next notch, thereby weakening the scaffold and sometimes causing serious difficulty. I avoid this objection by means of my improved shelf 10, which is mounted upon the stationary upright 1, and is slidable thereon, means (preferably in the shape of bolt and wing nut) being provided to lock the shelf securely upon the stationary

upright when it is placed in the desired position. As soon as the slidable upright 4, has been raised to the desired position, and the loop 2, engages the notch, which will hold the slidable upright to the correct height, the shelf is moved up upon the stationary upright 1, until it abuts against the lower end of the slidable upright. The wing nuts 13 and 14, are then tightened up, binding the shelf firmly upon the stationary upright 1, with the result that should the loop become disengaged from the notch in the slidable upright, it will be impossible for the latter to fall, owing to the support afforded it by the shelf. The shelf 10, is provided with upwardly extending flanges 15, 16 and 17, which effectually prevent the dislodgment of the lower end of the sliding upright.

It will be apparent from the foregoing description that this provides means for effectually preventing any accident where my improved shore is employed.

Having described my invention what I regard as new, and desire to secure by Letters Patent is:

1. A device of the character described, the combination of a stationary upright, a slidable upright mounted adjacent thereto, a band mounted upon the stationary upright, and holding the slidable upright against the stationary upright, a loop preferably formed of metal pivotally secured to the upper end of the stationary upright, a metal strip recessed into the outer face of the slidable upright and securely attached thereto, said strip being provided with a plurality of notches and a curved surface intermediate the notches, means secured to the stationary upright to hold the slidable upright in a predetermined position in the event of the loop being displaced from engagement with one of the notches for the purpose set forth substantially as described.

2. A device of the character described, the combination of a stationary upright, a slidable upright mounted adjacent thereto, a band mounted upon the stationary upright, and holding the slidable upright against the stationary upright, a loop preferably formed of metal pivotally attached to the upper end of the stationary upright, a metal strip recessed into the outer face of the slidable upright and securely attached thereto, said strip being provided with a plurality of notches, and a curved surface intermediate the notches, a shelf mounted upon the lower part of the stationary upright, adapted to engage the lower end of the slidable upright, means to clamp said shelf firmly upon the stationary upright in the predetermined position.

3. An adjustable shore, a metal reinforcement recessed in the face of the slidable upright, said reinforcement being provided with a plurality of notches, a curved surface intermediate the notches for the purpose set forth substantially as described.

In testimony whereof I have signed the foregoing specification.

GEORGE BROWN.