S. PICHLER.

ADJUSTABLE HORSE.

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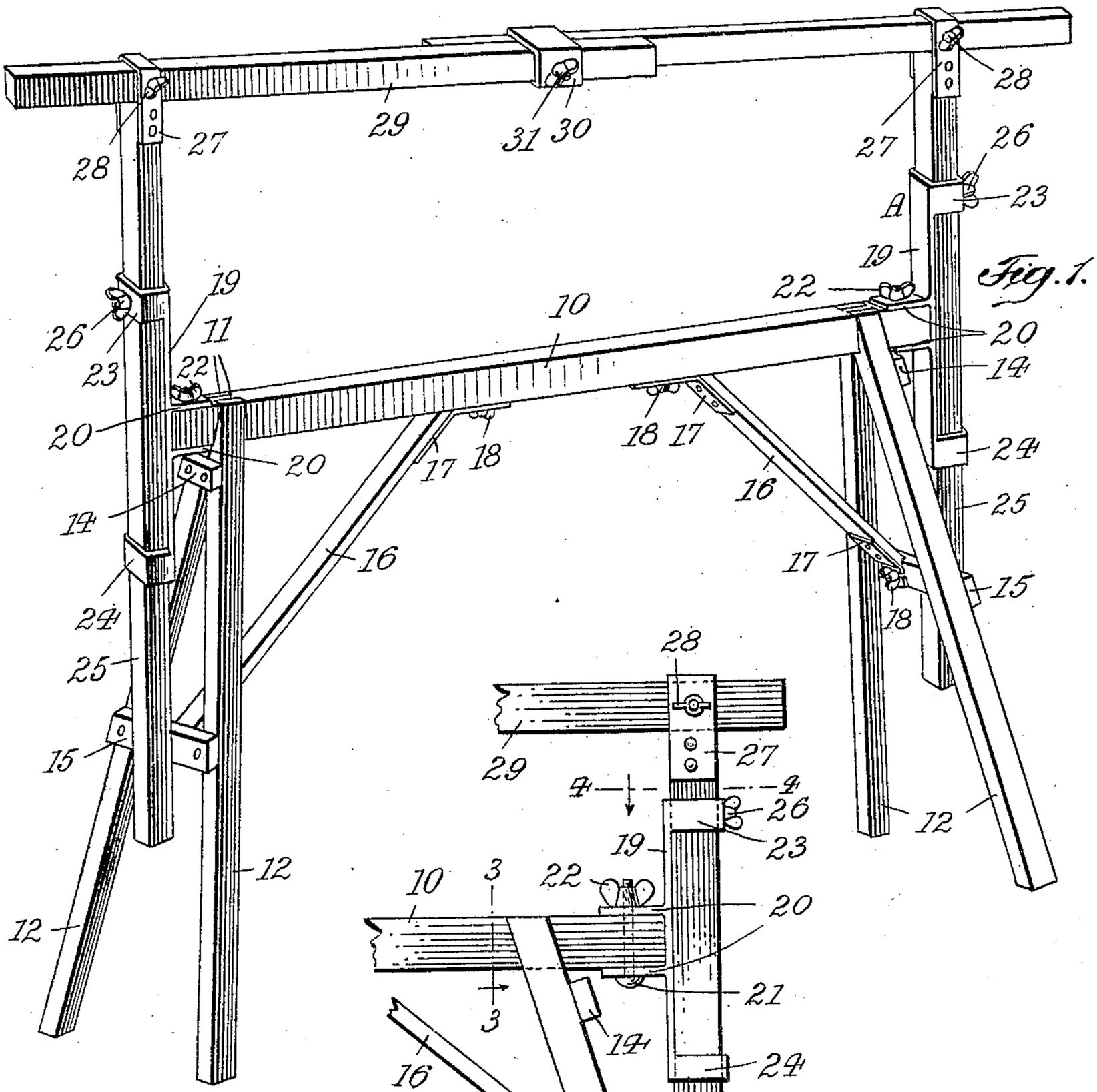
984,846. **Patented Feb. 21, 1911.**



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UNITED STATES PATENT OFFICE.

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ADJUSTABLE HORSE.

984,846. Specification of Letters Patent. **Patented Feb. 21, 1911.**

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To all whom it may concern:

Be it known that I, STEPHAN PICHLER, a citizen of the United States, residing at New York city, Brooklyn, county of Kings, State of New York, have invented new and useful Improvements in Adjustable Horses, of which the following is a specification.

This invention relates to a horse of novel construction and more particularly to improved means for rendering the height of the horse adjustable without lengthening or shortening the legs. In this way, the strength and rigidity of the horse is increased, its manipulation facilitated and its construction simplified.

In the accompanying drawing: Figure 1 is a perspective view of a horse embodying my invention, Fig. 2 a side view partly in section of part of the same, Fig. 3 a vertical section on line 3—3, Fig. 2 and Fig. 4 a horizontal section on line 4—4, Fig. 2.

The longitudinal beam 10 of the horse is provided near each end with a pair of inclined parallel grooves 11, which gradually increase in depth from top to bottom. These grooves are adapted for the reception of the upper ends of removable legs 12, such upper ends having diverging inner sides 13, whereby they are caused to become tightly wedged to the beam. The two legs of each set are connected to each other by an upper cross piece 14, and a lower cross piece 15. Cross piece 15 is in turn connected to beam 10, by a diagonal brace 16, which is removably secured to the beam and cross piece by angle plates 17 and nuts 18.

Upon each end of beam 10 there is removably mounted a guide frame A consisting of an upright arm 19, from the inner side of which, extend a pair of jaws 20, adapted to straddle the beam. A bolt 21 carrying winged nut 22 and passing through the jaws and beam, serves to removably connect the frame to the latter. From the upper and lower ends of arm 19, there extend outwardly eyes 23, 24, adapted for the reception of an upright post 25. This post is vertically adjustable within the eyes and may be clamped in position by a screw 26 engaging upper eye 23. The lower end of post 25, finds a bearing against the lower cross piece 15 of legs 12, by which construction, the stability of the device is materially increased.

At their upper ends posts 25, by straps 27 and set screws 28 are removably connected to an upper beam 29, which is located vertically above lower beam 10. This upper beam 29, may be made extensible by being composed of a pair of overlapping sections removably connected to each other by yoke 30 and set screw 31.

It will be seen that the height of the horse may be readily adjusted, by raising and lowering posts 25 within frame A, and without in any way changing the length of legs 12. In this way the stability of the device is increased, its construction simplified, and excessive manipulation avoided. The horse may be readily knocked down, and its parts may be compactly assembled for transportation.

I claim:

A horse comprising a lower beam, pairs of legs supporting the same, the pairs inclined toward each other, cross pieces connecting the legs of each pair, a pair of upright frames having inwardly extending jaws adapted to removably engage the beam and outwardly extending upper and lower eyes the inner surface of said eyes vertically in line with the outer face of the cross pieces, upright posts slidably engaging the eyes and bearing against the cross pieces, means for clamping the posts to the frames, and an upper beam removably secured to the posts.

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