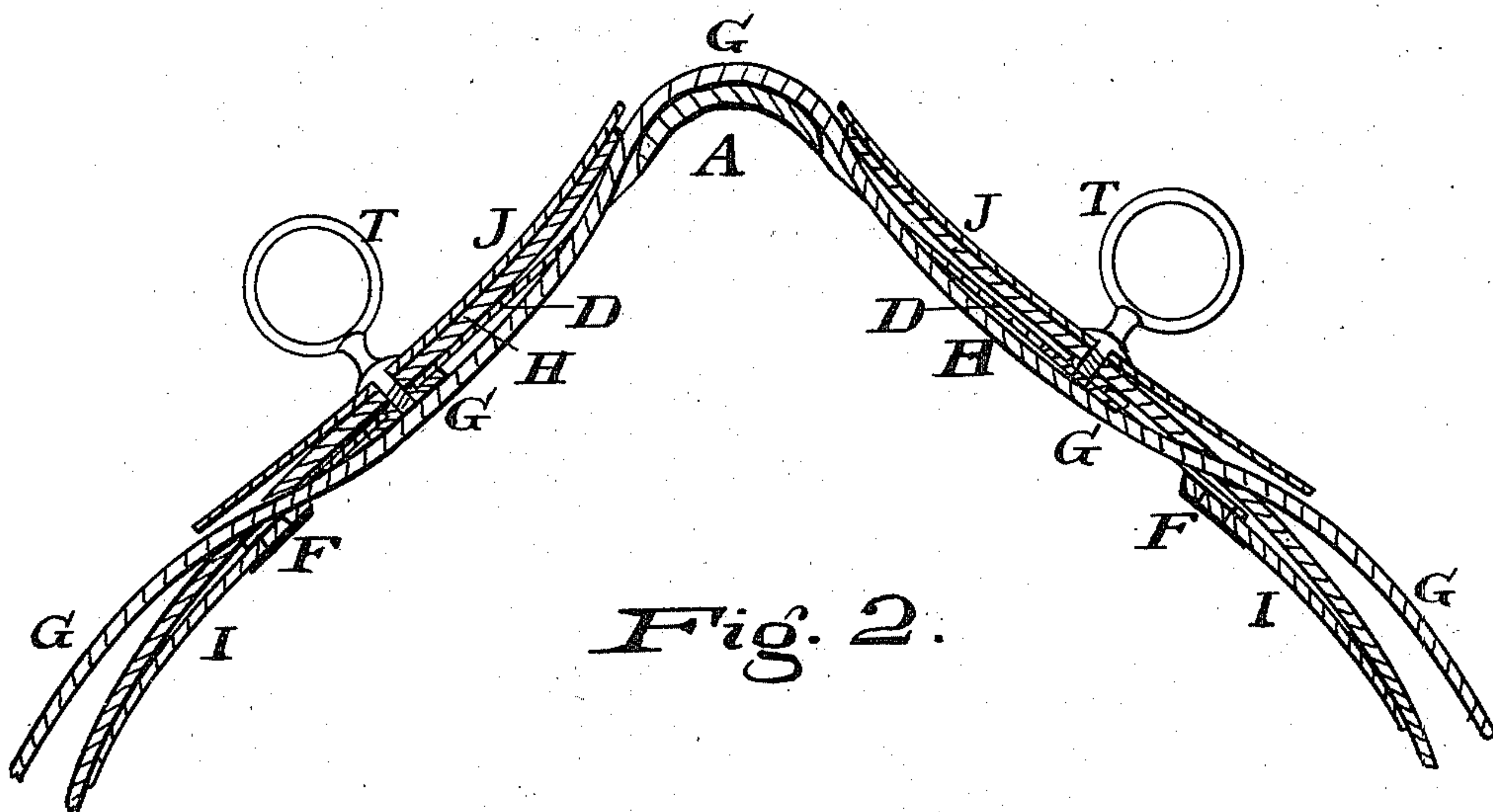
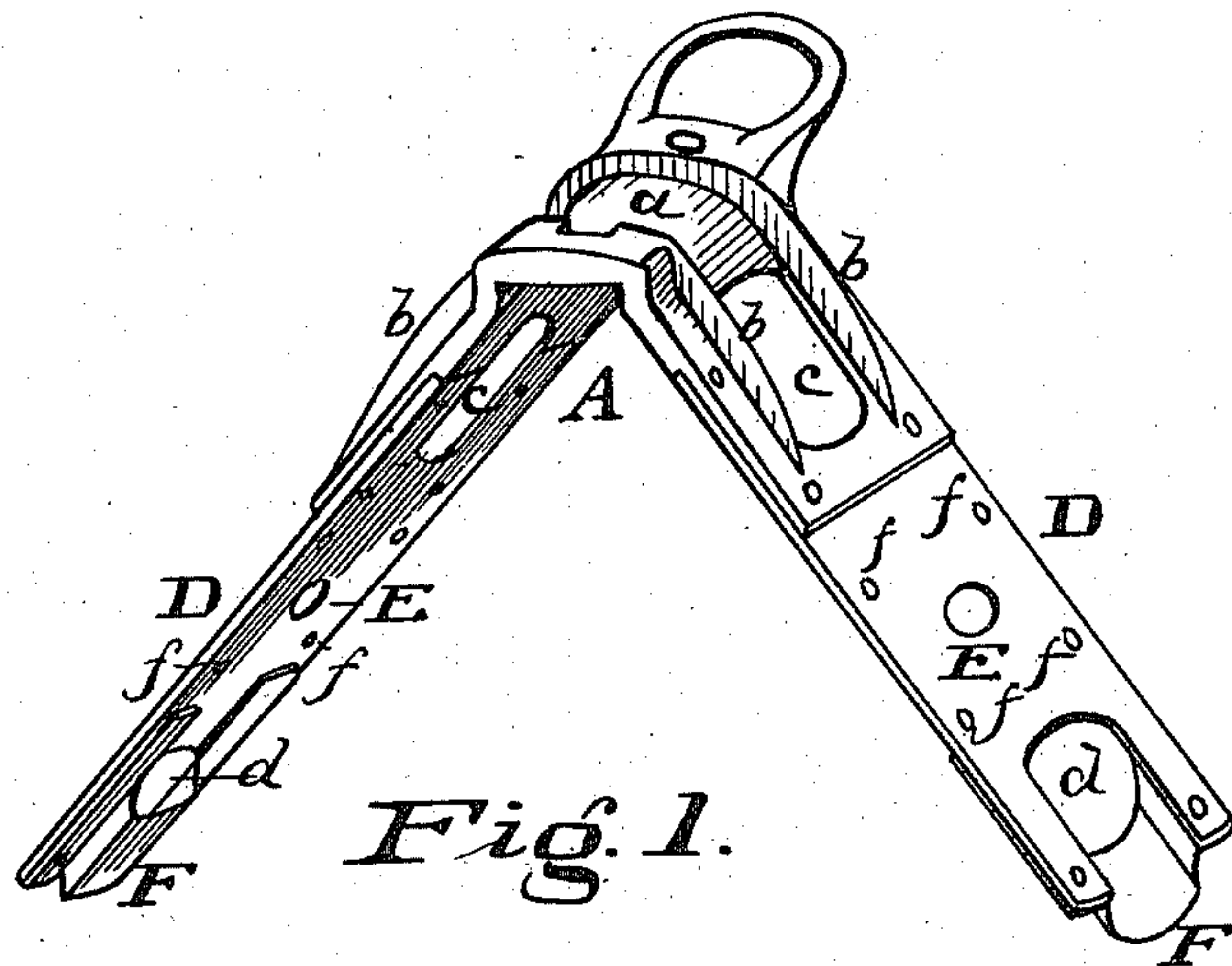


(No Model.)

A. E. POST.
HARNESS SADDLETREE.

No. 571,393

Patented Nov. 17, 1896.



Witnesses.
J. Halberg.
E. A. Tibbitts.

Inventor,
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UNITED STATES PATENT OFFICE.

ADELBERT E. POST, OF CLEVELAND, OHIO, ASSIGNOR TO GEORGE E. PLUMB, OF SAME PLACE.

HARNESS-SADDLETREE.

SPECIFICATION forming part of Letters Patent No. 571,393, dated November 17, 1896.

Application filed January 8, 1896. Serial No. 574,670. (No model.)

To all whom it may concern:

Be it known that I, ADELBERT E. POST, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Harness-Saddletrees, of which the following is a specification.

This invention relates to saddletrees, and has for its object to provide a flexible tree adapted for self-adjustment, whereby ease and comfort to the horse wearing it are fully attained; and the invention consists in the new constructions and combinations of the parts comprising the saddletree, substantially as hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a detached perspective view of my new flexible saddletree. Fig. 2 is a vertical section showing the tree and portions of the other parts, as the skirt, a running back-band, and the jocky and terrets.

A is the bow of the tree, consisting of a casting having a depressed surface *a* at the middle part, with ribs *b b* extending down the sides. Between said ribs are provided openings *c c*. The front side of the bow has a recess for attaching a check-hook and at the back a loop for attaching a crupper back-strap.

D D are leaves of spring-steel attached to the sides of the bow, having at their lower ends slots or openings *d d*.

E E are holes in the leaves for the attachment of terrets.

F F are flat loops attached to the under side of the leaves D D at the sides of the slots *d d*.

ff are small holes at the sides of the leaves provided for attaching the leather and pad work of the finished saddle.

G is a continuous running back-band which is inserted through the openings *c c* with its middle part lying in the depression *a* of the bow. The ends of the band are passed through the slots *d d* from the under side, so that the ends of the band will come through to the outside.

H H are the skirts of the saddle, which are attached to the upper sides of the leaves D

D and have holes over the slots *d d*, through which the ends of the running back-band G are passed, so that the ends of the band will be on the outside of the skirts from there down.

J J are the jockeys, which lie over the upper part of the skirts, their lower ends covering the openings in the skirts through which the running back-bands pass.

T T are terrets secured in the saddletree by nuts in the usual manner.

I I are short stiffening-pieces of leather fastened in the loops F F and extend down a short distance under the skirts.

To the skirts would be attached the ordinary belly-band, and to the ends of the running back-band G would be attached the thill-straps. These parts are not shown, as they form no part of my invention.

The advantages derived from this construction are, first, the flexibility of the tree, which readily adapts itself to the back of the horse, rendering the saddle comfortable and not liable to gall or irritate; second, the adjustability of the running back-band, which has the ability to slide lengthwise in the tree, which is desirable when a horse is running to ease up on the thills and prevent a jerking pull on the back of the horse; third, the ability of attaching the terrets after the saddle is finished, enabling the user to select and attach terrets as taste or desire may dictate. This is readily done by slipping the nut in through the openings *c c* under the top ends of the skirts down to the holes E E, the upper ends of the said skirts being loose, then the terrets put through holes in the jockeys and skirts and screwed into the nuts.

Having described my invention, I claim—

The flexible saddletree consisting of the bow A, having the depression *a*, ribs *b b*, openings *c c*, spring-leaves D D, having slots *d d* and the flat loops F F, constructed and adapted to operate substantially as described.

ADELBERT E. POST.

Witnesses:

GEO. W. TIBBITTS,
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