

(No Model.)

C. A. RUSSELL.
FOOT REST FOR SULKIES.

No. 494,648.

Patented Apr. 4, 1893.

Fig. 1.

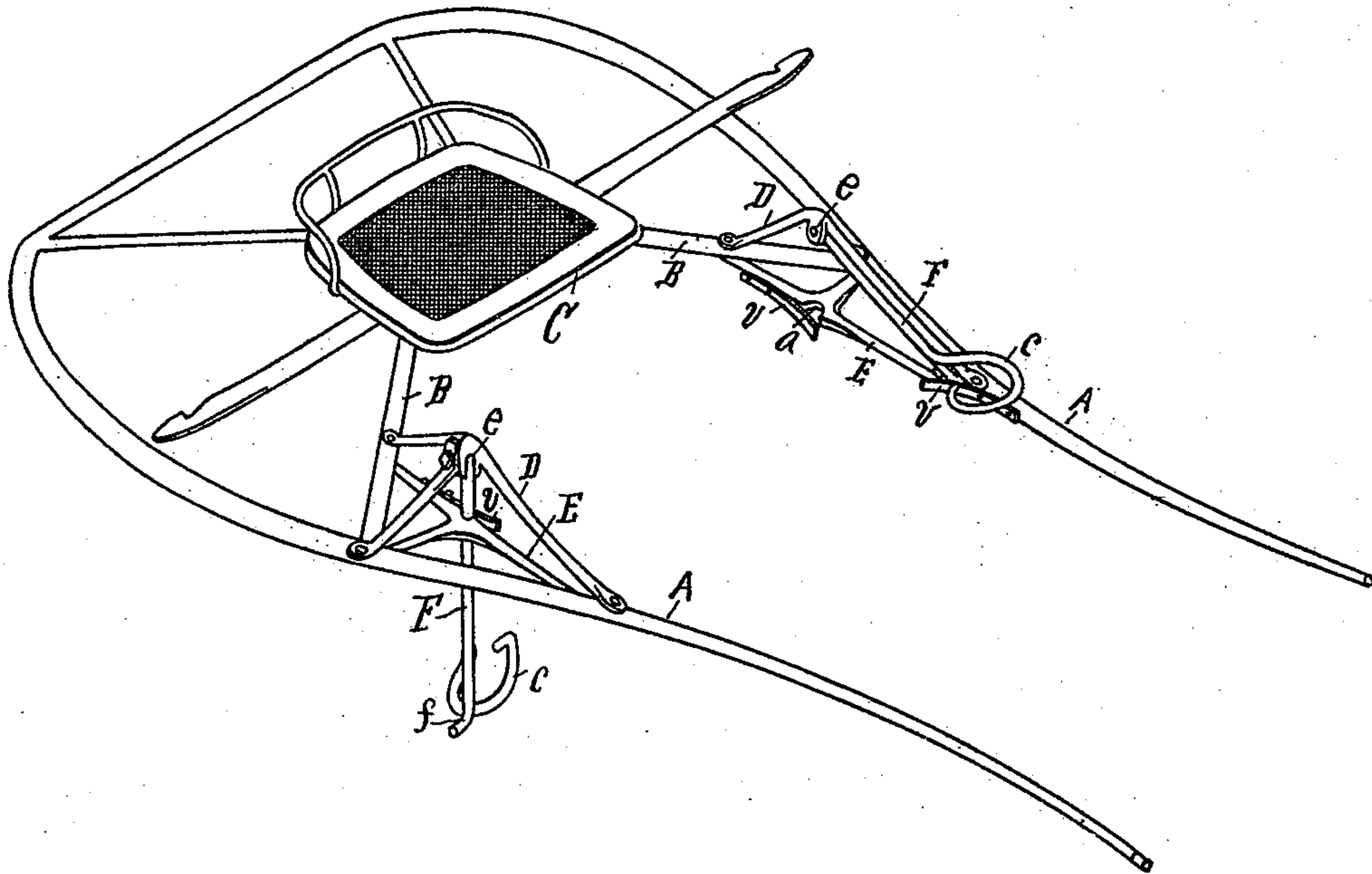
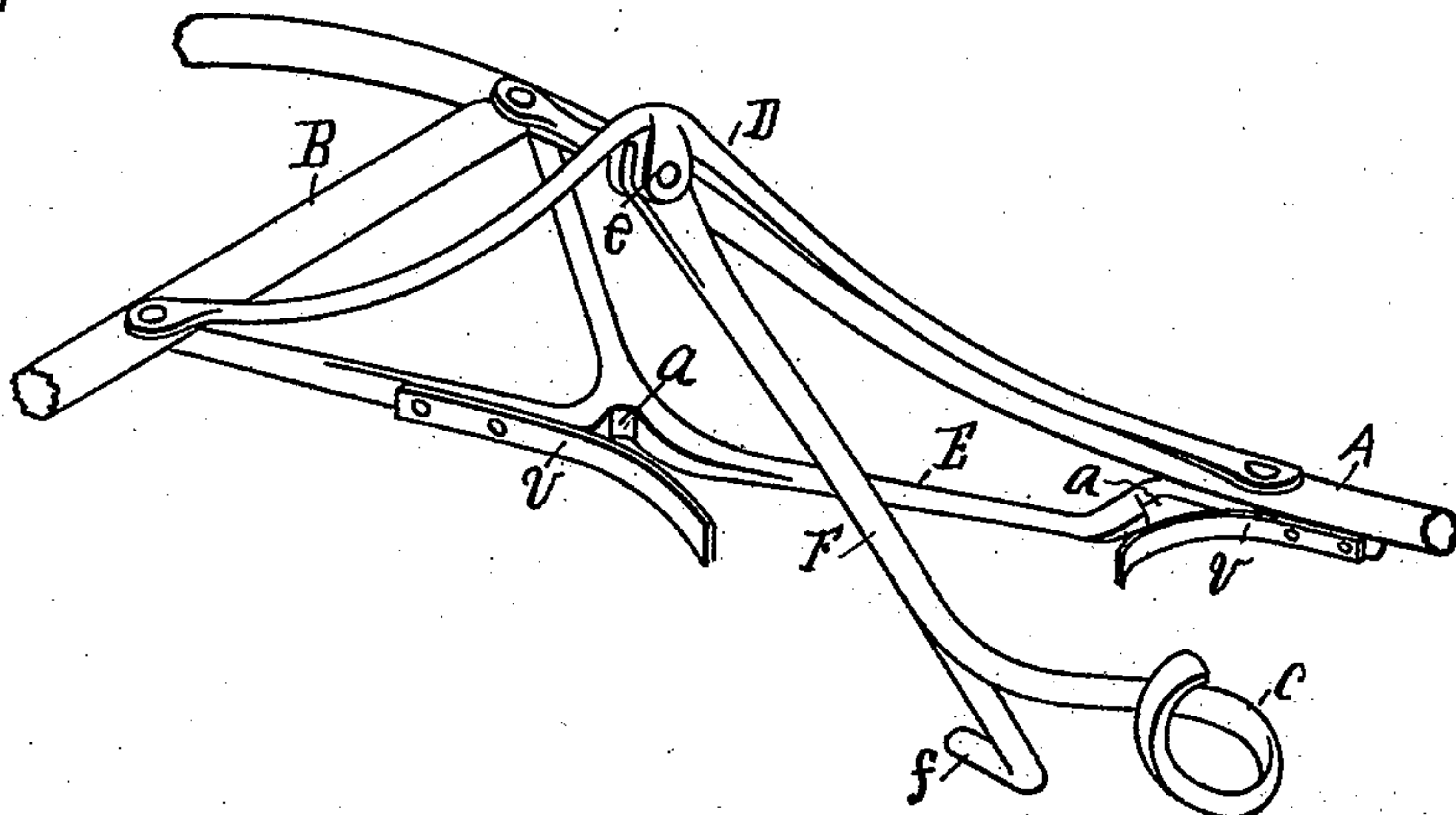


Fig. 2.



WITNESSES

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FOOT-REST FOR SULKIES.

SPECIFICATION forming part of Letters Patent No. 494,648, dated April 4, 1893.

Application filed December 13, 1892. Serial No. 455,037. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. RUSSELL, a citizen of the United States, residing at Otsego, county of Allegan, State of Michigan, have invented a new and useful Adjustable Foot-Rest for Trotting-Sulkies, of which the following is a specification.

This invention relates to foot rests of trotting sulkies, the object being to make the foot rests so as to be adjustable by the act of the driver, whereby he may change the position of his legs to rest the same.

To this end the invention consists of the below described and claimed construction, in which pivotal swinging foot rests are employed, and catches to hold the same in different positions.

In the drawings forming part of this specification, Figure 1 is a perspective view of a trotting sulky provided with the improved foot rests; and Fig. 2 shows enlarged details from Fig. 1 in perspective.

Referring to the lettered parts of the drawings, A A are the thills of the sulky. To the thills near the cross bars B (commonly termed front circle), and forward of the seat C, are attached the front ends of the foot rest supports D, the other ends of said supports being attached to the cross bars. Beneath the supports D are bars E, also attached to the thills and cross-bars, and provided with catches, *a a*.

The foot rests consist of bars, F, pivoted at the upper end at *e* to the supports D, so as to swing from one angle to another, as for instance from a horizontal angle, as at the upper side of Fig. 1, to a vertical angle, as at the lower side of said figure, in which they are held by catches, *a a*, at said angles. The catches may be located so as to lock or hold the foot rests at other angles.

The free ends of the foot rest bars F are provided with stirrups or loops, *c*, of any suitable or well-known shape, to rest the foot against.

The catches, *a*, are provided with springs, *v v*, behind which the rests pass, to hold them in the said catches. The foot rest bars may be made of spring metal, however, and thus dispense with the springs *v v*.

It should be observed that the supports D and catch-bars E serve as braces to the thills.

In the operation of changing the foot rests from one catch to another, the driver, with a short, forcible movement of his feet and legs toward each other, uncatches the foot rests and then swings his feet forward or back, carrying the foot rests and then snapping them in the desired catches again, or the driver can let his legs gently swing with the foot rests.

Near the free end of the foot rest bars is a projection, *f*, for catching into the front catches, so as to throw the stirrups, *c*, to a desirable position, but these projections *f* are not always necessary, since the foot rest bars may be formed in any suitable shape to enter the catches.

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

1. The combination of the thills of a vehicle provided with catches, and foot rests pivoted to swing from one position to another and adapted to engage said catches; substantially as set forth.

2. The thills of a vehicle, having suitable supports attached to the thills, and bars provided with catches and also attached to the thills, in combination with foot-rest bars, terminating at one end in stirrups, and pivotally attached at the other end to the supports; substantially as set forth.

3. The thills of a vehicle, having suitable supports attached to the thills, and bars provided with catches and also attached to the thills, in combination with foot-rest bars, terminating at one end in stirrups, and pivotally attached at the other end to the supports, said foot-rest bars having the projections for engaging the forward catches; substantially as set forth.

In testimony to the foregoing I have hereunto subscribed my name in the presence of two witnesses.

CHARLES A. RUSSELL.

Witnesses:

N. G. LESLIE,
EDWARD W. KENNEDY.