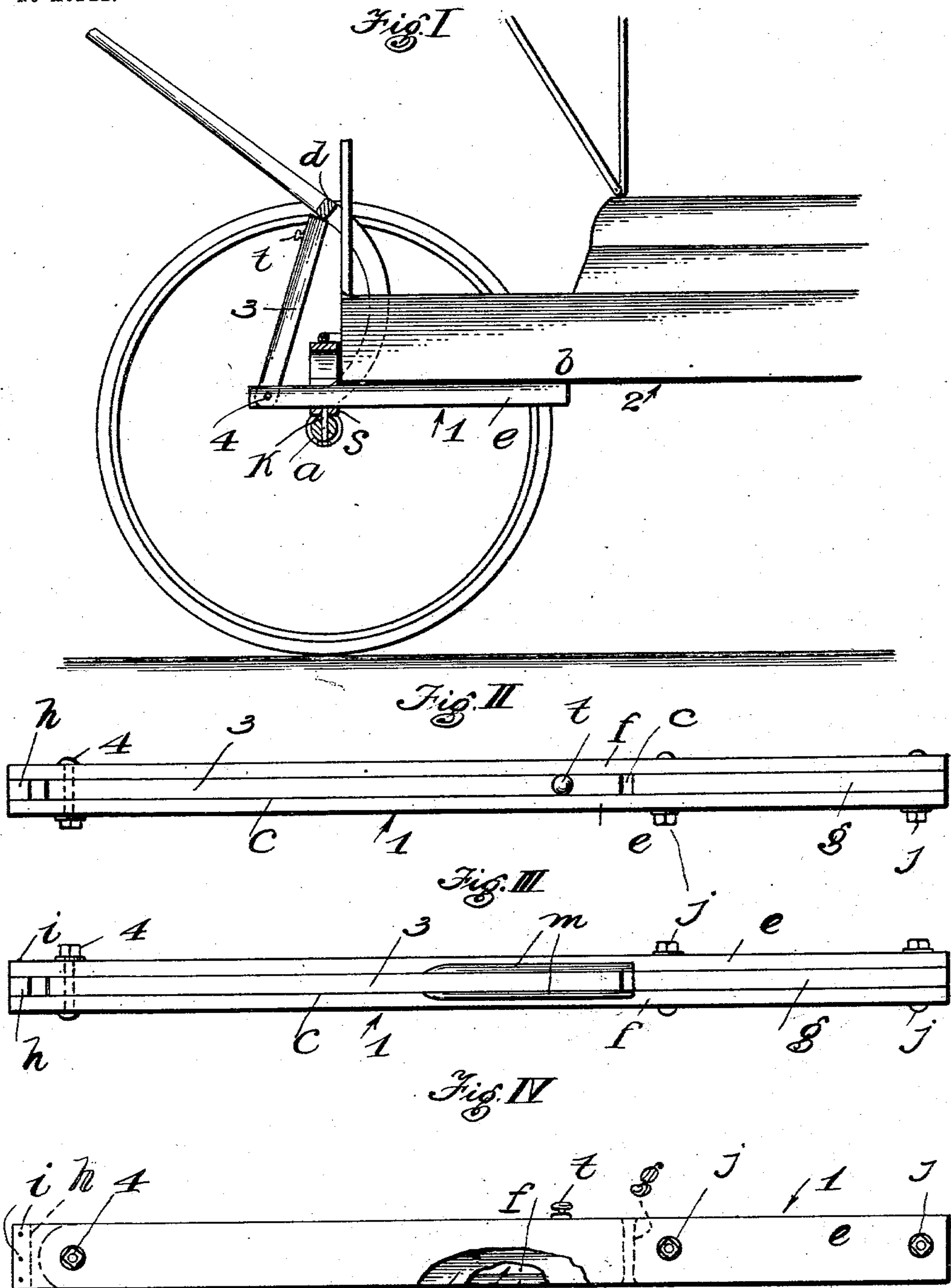


No. 753,016.

PATENTED FEB. 23, 1904.

E. D. WAFFLE.
THILL OR TONGUE SUPPORT.
APPLICATION FILED AUG. 28, 1902.

NO MODEL.



Witnesses

Edmund A. Strauss,
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Inventor

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UNITED STATES PATENT OFFICE.

EDSON D. WAFFLE, OF SANTA ANA, CALIFORNIA.

THILL OR TONGUE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 753,016, dated February 23, 1904.

Application filed August 28, 1902. Serial No. 121,374. (No model.)

To all whom it may concern:

Be it known that I, EDSON DWIGHT WAFFLE, a citizen of the United States, residing at Santa Ana, in the county of Orange and State of California, have invented a new and useful Thill or Tongue Support, of which the following is a specification.

The object of this invention is to provide an improved, cheap, simple, compact, and convenient device by means of which the thills or tongues of vehicles may be held up when the vehicle is not in use.

This invention relates to a thill or tongue support formed of two members pivoted together, one being adapted to cramp between parts of the vehicle and the other being adapted to then be adjusted to form a support for the thill or tongue and to fold into the other when the appliance is not in use.

An object of this invention is to provide for retaining the device firmly in place without the use of any sharp-pointed or other projection to engage the vehicle.

Another object is to make simple and complete provision for holding the supporting member friction-tight and for readily adjusting the degree of friction.

The accompanying drawings illustrate the invention.

Figure I is an elevation showing the apparatus in use supporting the thill of a buggy. Fig. II is a top plan of the thill-support folded. Fig. III is a bottom plan of the same folded. Fig. IV is a side view of the appliance folded and partly broken away to show the seat for the king-bolt.

1 is a member adapted to cramp between parts of the vehicle 2. In the preferred form the member 1 will be straight and slotted and adapted to cramp between the axle *a* or the springs or other part thereabove and the bed *b* of the vehicle, as shown in Fig. I.

3 is a member pivoted in the slot *c* of the member 1 and adapted to fold thereinto and also adapted to be unfolded and extended up at any suitable angle to come beneath the cross-bar *d* or other suitable part of the thill or tongue to be supported.

A desirable method of constructing the appliance is to take two pieces *e* and *f* of equal length and two blocks *g* and *h* and fasten these four pieces together to hold the side pieces *e* and *f* apart, leaving a slot *c*, in which a fifth piece 3 may be pivoted, the slot being desirably of a length required to chamber the member 3 when the appliance is to be folded.

i designates brads which may be used for fastening the side pieces to the block *h*.

j designates bolts for fastening the side pieces and the block *g* together.

4 designates a pivot-bolt by which the member 3 is pivoted to the member 1.

The slot *c* may form a seat for the upper end of the king-bolt *k* of the vehicle.

m designates an enlargement of the slot in order to accommodate the usual-sized king-bolt, with its bur, which will prevent accidental displacement of the member 1 when the support is in use.

In practice the member 3 may be made of a one-half-inch strip, and the same is made to fit tightly in the slot. The pivot 4 is located between the blocks *g* and *h*, so as to allow the two side pieces *e* *f* to spring toward and from the member 3 as the bolt is tightened or loosened. By tightening the pivot-bolt 4 the side members *e* *f* may be made to clamp the member 3 more or less tightly, so that it will stand in any position to which it may be adjusted and from either side of the member 1, if desired.

When the appliance is out of use, it may be folded into the compact form shown in Fig. IV.

t is a knob to form a handle for drawing the pivot member out of the slot.

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

1. In a thill or tongue support, a longitudinally-slotted member, the sides of the slotted portion of which are resilient, a swinging member pivotally mounted between said sides, and adjustable means for frictionally clamping the swinging member in position.

2. In a thill or tongue support, a longitudinally-slotted member, the sides of the slot-

ted portion of which are resilient, a bolt through said sides adjacent to one end, and a swinging member mounted on said bolt at one end and adapted to be frictionally held in position thereby.

3. In a thill or tongue support, a longitudinally-slotted member, the inner edges of the sides of which are cut away for a portion of their length, and a swinging member pivotally mounted between said sides, the length of the swinging member being such that its free

end is adapted to engage with the whiffletree-bar and support the same.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, at Los Angeles, in the county of Los Angeles and State of California, this 21st day of August, 1902.

E. D. WAFFLE.

Witnesses:

JAMES R. TOWNSEND,
JULIA TOWNSEND.