

J. SIEMSEN.
HITCHING DEVICE.
APPLICATION FILED MAR. 16, 1908.

911,771.

Patented Feb. 9, 1909.

Fig. 1.

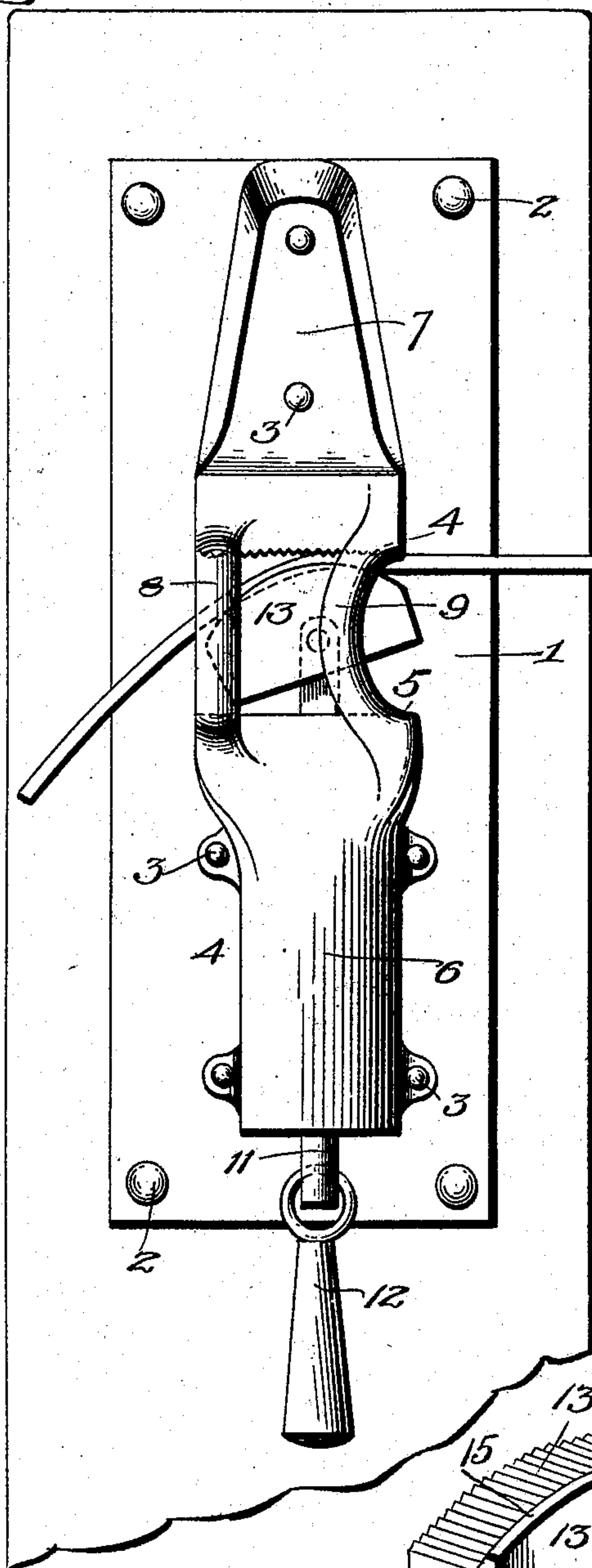


Fig. 2.

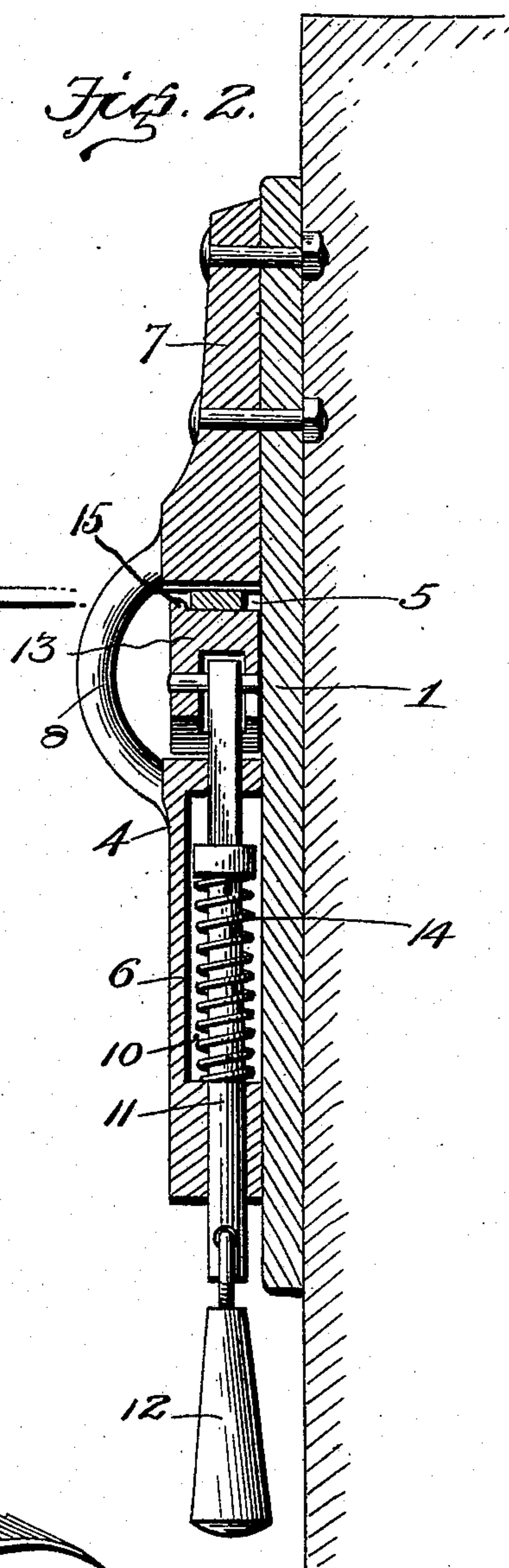
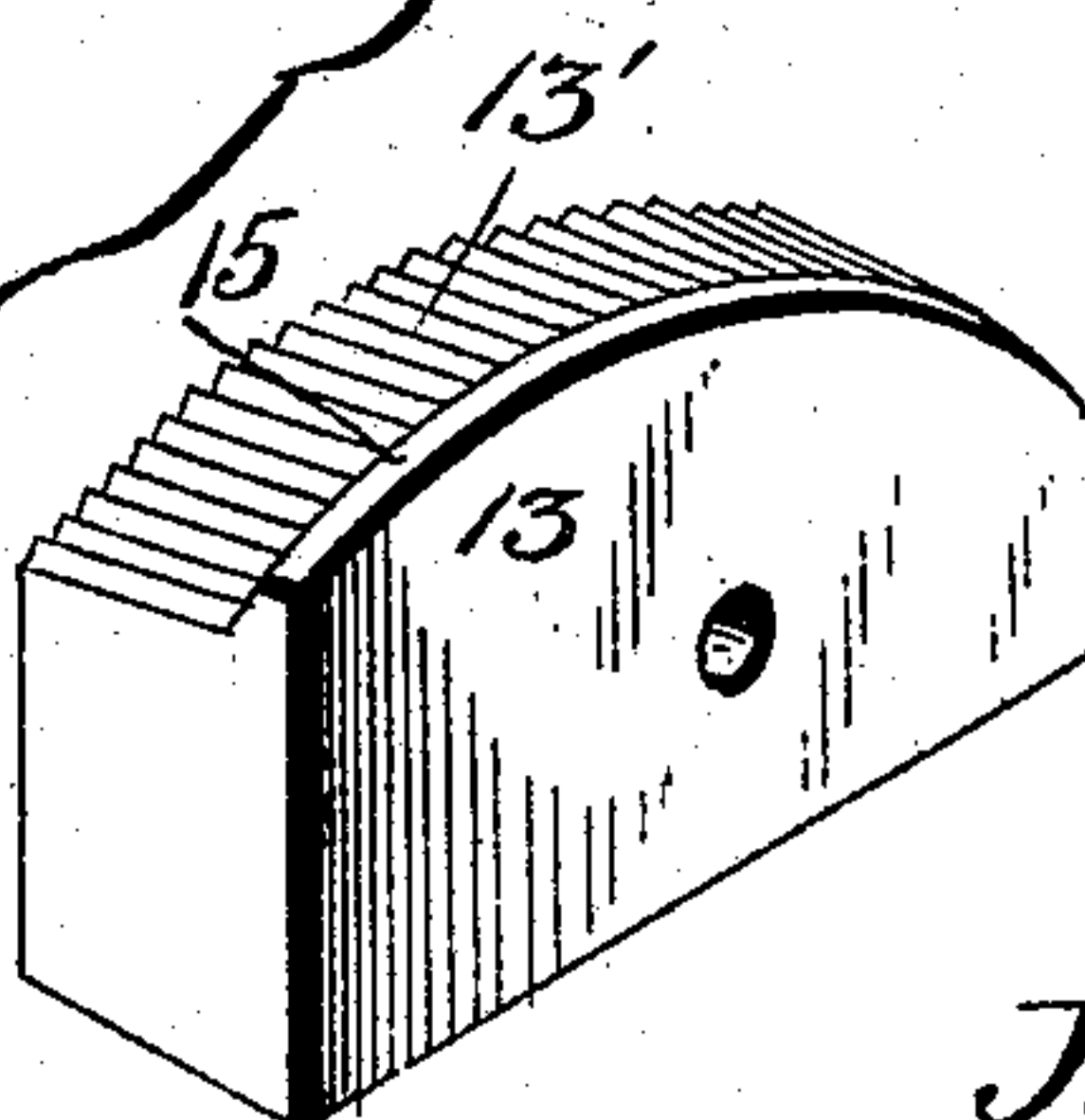


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

JURGEN SIEMSEN, OF KEARNEY, NEBRASKA.

HITCHING DEVICE.

No. 911,771.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed March 16, 1908. Serial No. 421,402.

To all whom it may concern:

Be it known that I, JURGEN SIEMSEN, a citizen of the United States, residing at Kearney, in the county of Buffalo and State of Nebraska, have invented certain new and useful Improvements in Hitching Devices; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in hitching devices for horses or other animals.

The object of the invention is to provide a simply constructed efficient device of this character adapted to be secured to a manger, a post or any other suitable support.

In the accompanying drawings: Figure 1 is a front elevation of a portion of a post with this improved device applied thereto. Fig. 2 is a longitudinal section of the hitching device. Fig. 3 is a perspective view of the locking cam detached.

In the embodiment illustrated, a casting or plate 1 is shown made of any suitable material such as steel or cast iron and is adapted to be secured to a post or other support by bolts as 2 passed through apertures in the respective corners thereof. Secured to this plate 1 by means of bolts as 3 is a hollow casting 4 having a recess 5 extending laterally therefrom and dividing said casting into two members 6 and 7 connected by an arch 8 of suitable strength to withstand any strain exerted thereon by the pulling of the animal.

A suitable cross bar 9 also preferably connects the two members 6 and 7 and serves to protect the lock or clamping cam to be described. The member 6 has a bore 10 extending longitudinally thereof with its ends reduced to form shoulders and in which is arranged to operate a rod 11 having a handle member 12 at one end and a gripping cam 13 pivotally mounted on the other end thereof. A coiled spring 14 is arranged on

said rod within said bore 10 and tends to hold the cam on said rod normally in clamping contact with the inner face of the member 7 which is preferably corrugated or toothed to adapt it to more firmly grip the halter strap to be held. This cam 13 has a curved toothed or roughened face 13' for co-action with the inner corrugated face of the member 7 and a longitudinally extending flange 15 at one side of said face to prevent lateral displacement of the strap. The pivotal connection of the cam 13 adapts it to turn and more tightly clamp the halter strap should the animal pull thereon in his effort to get loose, having a vise like action and the harder the pull the more tightly will the strap be clamped.

I claim as my invention:

In a hitching device, a casting comprising two longitudinally spaced sections connected by arched bars, one of the sections being hollowed out at its central portion to form an entirely closed casing and the inner face of the other section being serrated, an operating rod extending longitudinally and entirely through the hollow section of the casting, a gripping cam having a toothed longitudinally curved outer edge, pivotally mounted at the inner end of the operating rod for coöperation with the serrated face of the upper section of the casting, a longitudinal guard flange at the outer edge and face of said cam, a spring arranged in the hollow portion of the lower section of the casting around the operating rod for normally holding the cam in operative position and means for withdrawing the rod against the tension of its spring, the arched bars providing a protection for the gripping cam.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JURGEN SIEMSEN.

Witnesses:

W. G. DAGGETT,
D. DAGGETT.