

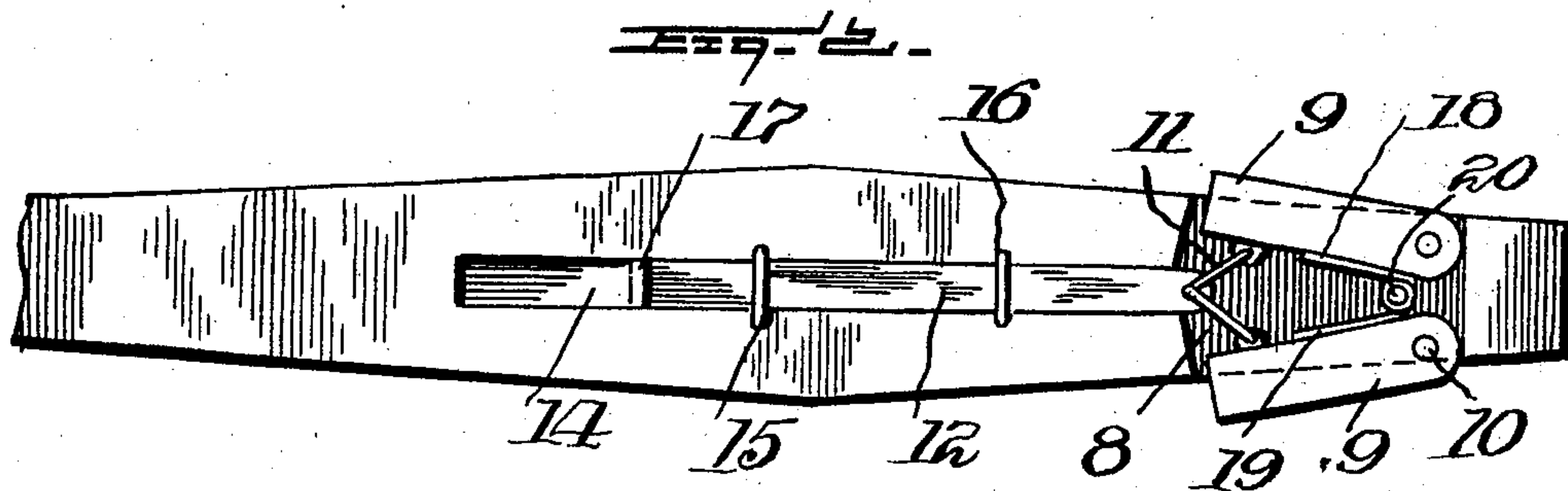
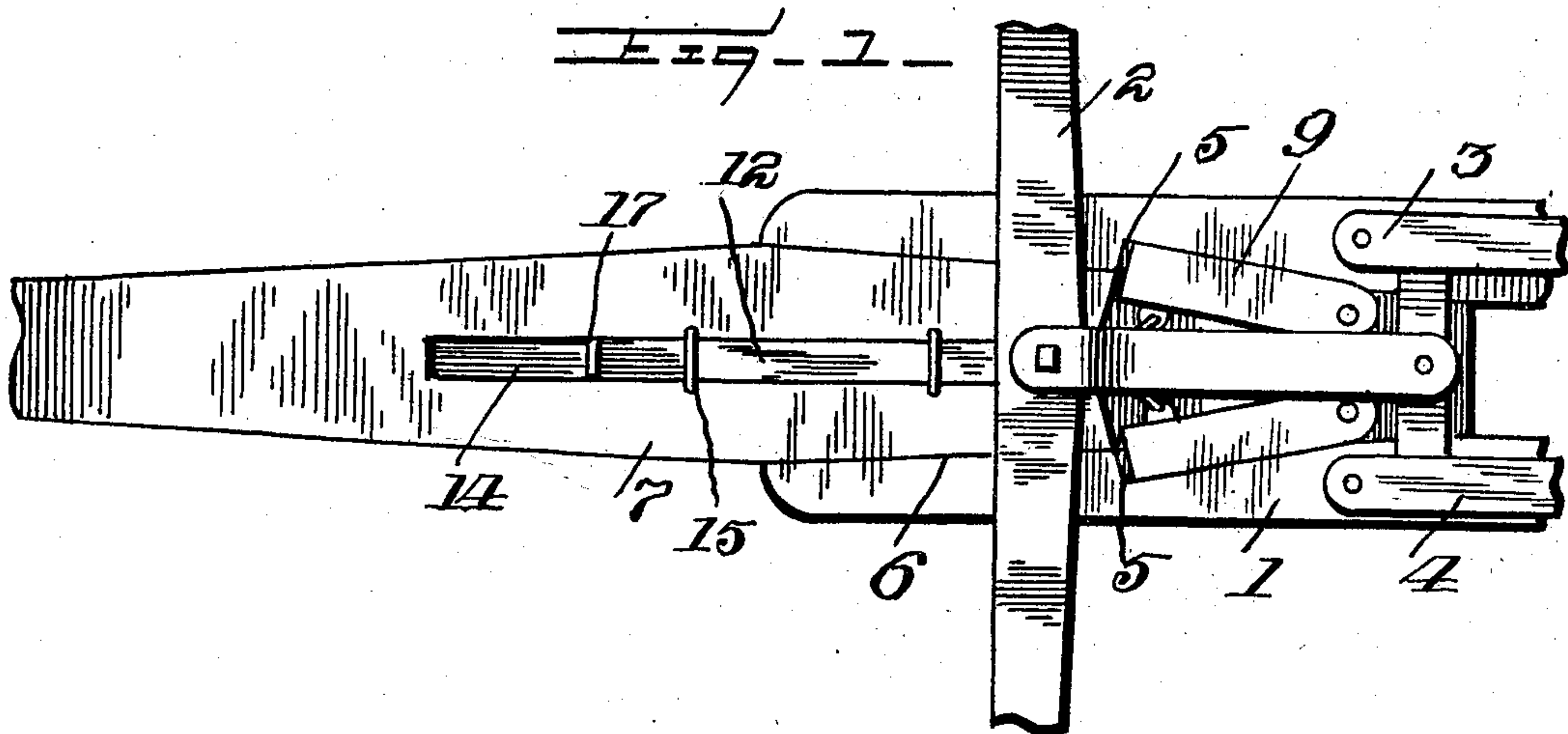
No. 708,784.

Patented Sept. 9, 1902.

J. SENG.
CARRIAGE POLE.

(Application filed July 7, 1902.)

(No Model.)



Witnesses:
J. A. Sutter
C. E. Potter

Inventor,
J. Seng,
By H. C. Over Mer.
Attorneys

UNITED STATES PATENT OFFICE.

JOSEPH SENG, OF ALLEGHENY, PENNSYLVANIA.

CARRIAGE-POLE.

SPECIFICATION forming part of Letters Patent No. 708,784, dated September 9, 1902.

Application filed July 7, 1902. Serial No. 114,563. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH SENG, a citizen of the United States of America, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Carriage-Poles, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in wagon-tongues, and has for its object to provide novel means whereby the wagon-tongue can be readily attached and detached from the running-gear of a vehicle.

Another object of my invention is to provide a wagon-tongue which will be self-locking and which can be easily removed or replaced when desired.

20 A still further object of my invention is to provide a wagon-tongue which will be simple in construction, strong, durable, comparatively inexpensive to manufacture, and highly efficient in its operation.

25 With the above and other objects in view the invention consists in the novel construction, combination, and arrangement of parts, to be hereinafter more fully described, and specifically pointed out in the claim.

30 In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like numerals of reference indicate like parts throughout both views, in which—

35 Figure 1 is a fragmentary top plan view of a portion of the running-gear with my improved tongue attached. Fig. 2 is a fragmentary top plan view of the tongue.

40 In the drawings the reference-numeral 1 indicates a portion of the running-gear which carries the doubletree 2 and the ordinary braces 3 and 4.

45 The reference-numeral 5 indicates cut-away portions formed in the sides of the recess 6 in which rests the tongue 7. This tongue has formed therein a cut-away portion 8, in which is pivoted the pawls 9, as indicated at 10, and to the inner sides of these pawls are attached the links 11, which are in turn secured to a bar 12. This bar 12 seats in the recess 14 and is held therein by means of the cross-bars 15 and 16. The outermost end of this

bar 12 has its end bent at right angles, as indicated at 17.

55 The reference-numerals 18 and 19 indicate two springs secured in the cut-away portion 8, as indicated at 20, these springs bearing against the inner faces of the pawls 9, thus forcing the same outwardly.

60 The operation of my improved device is as follows: It being desired to place the tongue within the running-gear, the same is forced into the recess 6 until the pawls 9 coincide with the recesses or cut-away portions 5, when the same will be actuated by the springs 18 and 19, which force the same outwardly into the recesses 5, the forward end of the pawl engaging the short side of the recess 5 and preventing the same from becoming detached. 65 It being desired to remove the tongue, the bar 12, carrying the links 11, which are in turn secured to the inner sides of the pawl, is pulled outwardly by means of the flange 17 until the pawls have become disengaged from the recesses 5, when the same may be 75 readily removed.

While I have shown the most practical form of construction, it will be obvious that various changes may be made in the details of construction without departing from the general spirit of my invention. 80

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

85 A device of the type set forth, consisting of a wagon-tongue having spring-pressed pawls pivoted in proximity to its rear end, a tongue-support having a recess formed therein extending through the forward end thereof, the rear end of the recess on each side 90 thereof being enlarged to form shoulders for engagement with the free ends of the pawls, said tongue having a longitudinal recess formed therein, with a bar slidably mounted in the last-named recess, and links pivoted 95 to the rear end of the bar and to said pawls, whereby said pawls may be moved inwardly.

In testimony whereof I affix my signature in the presence of two witnesses.

JOSEPH SENG.

Witnesses:

JOHN NOLAND,
E. E. POTTER.