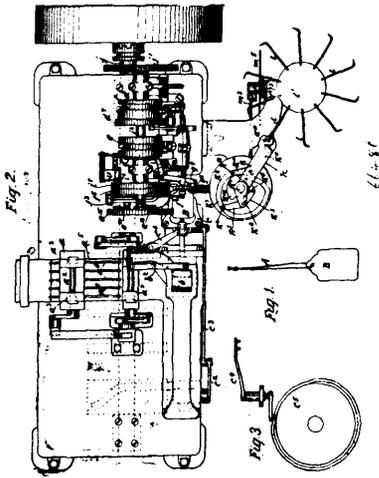


needed to the pin, substantially as specified. 5th. In a tag machine, a knot former composed of a tubular shaft, an enclosed longi-



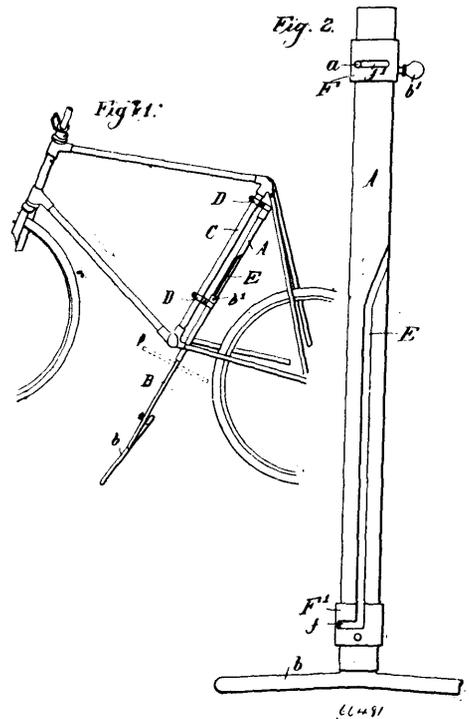
tudinally movable and oscillating plug, a pair of jaws pivoted thereto and having hook-shaped ends, and a rotatable tube into and out of which the jaws are adapted to be projected, substantially as specified. 6th. In a tag machine, a knot former composed of a tubular shaft, an enclosed longitudinally movable and oscillating plug, a pair of jaws having oblique slots and hook-shaped ends, a pin engaging the oblique slots, and a rotatable tube into and out of which the jaws are adapted to be projected, substantially as specified. 7th. In a tag machine, a knot former composed of a tubular sleeve, an enclosed longitudinally movable and oscillating plug having a flattened end, a pair of jaws having oblique slots and pivoted to said flattened end, and a rotatable tube into and out of which the jaws are adapted to be projected, substantially as specified. 8th. In a tag machine, the combination of a lever *i*, for drawing out the loop, with a lever *i'*, to which lever *i*, is pivoted, a stop pin *i''*, on lever *i'*, and a spring for yieldingly holding lever *i*, against said pin, substantially as specified. 9th. In a tag machine, a paper feed composed of a slide, a rock shaft hung therein, eccentrics mounted upon the rock shaft, a gripping bar actuated by the eccentrics, and a second vertically movable gripper adapted to engage the blank when released by the gripping bar, substantially as specified. 10th. In a tag machine, the combination of a crank shaft, with a cam-actuated lever pivoted thereto, a stripper arm pivoted to the lever, a hook pivoted to the stripper arm, and means for opening and closing said hook, substantially as specified. 11th. In a tag machine, the combination of a paper feed, with a punch, a carrier, a tubular needle, a plug for intermittently clamping the string, an oscillating gripper, a lever around which the string is looped by the gripper, means for bodily moving the gripper jaws to draw out the string and elongate the loop, means for cutting the string, a knot former, and a stripper adapted to draw the stringed tag off the knot former, substantially as specified.

No. 66,481. Bicycle Support. (*Support de bicyclette.*)

Charles Nicholson, The Leylands, Hatfield, Nr. Dancaster, England, 6th March, 1900; 6 years. (Filed 14th September, 1899.)

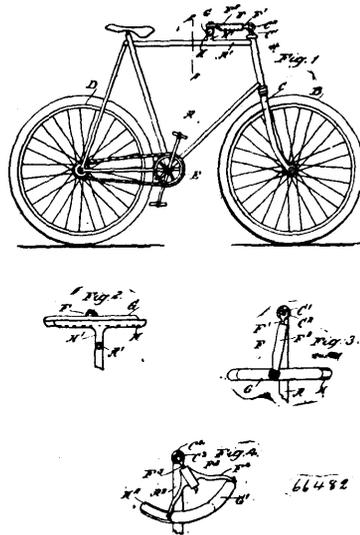
Claim.—1st. An improved support for bicycles consisting of a collapsible rod having a cross piece adapted to rest on the ground, a tube receiving the said rod, a curved slot and pin connecting the rod and tube and means for securing the rod in top or bottom position, the rod being adapted to turn on raising or lowering, substantially as described and for the purpose specified. 2nd. An improved support for bicycles consisting of a collapsible supporting rod having a cross piece at its end, a tube fitted to the frame receiving the said rod, a curved longitudinal slot in the tube, a pin on the rod extending through the said slot and locking rings, adapted to secure the rod in the top and bottom position by means of bayonet slots, substantially as described and shown for the purposes specified. 3rd. In combination with the support claimed above, a stand consisting of a base having posts at each side adapted to receive the cross piece

of the support, a post at the back, having a forked end to receive the rod of the support and a slanting fork at the front receiving the



front wheel of the bicycle, substantially as described and shown in the accompanying drawings, and for the purposes specified.

No. 66,482. Steering Gear for Bicycles. (*Engrenage pour gouverner les bicyclettes.*)



Arthur Doyle, Seattle, Washington, U.S.A., 6th March, 1900; 6 years. (Filed 8th September, 1899.)

Claim.—1st. A steering gear for bicycles, comprising a transverse bearing, a slide mounted to slide thereon, and a link pivotally connected with the said slide, and attached to the fork of the bicycle, the said link being made in telescoping parts, substantially as shown and described. 2nd. A steering gear for bicycles, comprising a transverse bearing adjustable up and down and held against lateral movement, a slide mounted to slide on the said bearing, and a link pivotally connected with the said slide, and attached to the fork of the bicycle, substantially as shown and described. 3rd. A steering