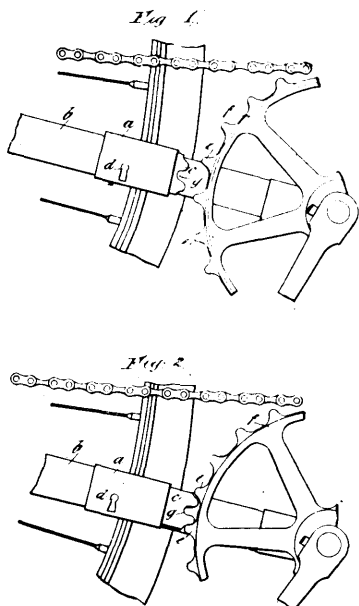


gear for bicycles, comprising a transverse bearing adjustable up and down and held against lateral movement, a slide mounted to slide on the said bearing, a link pivotally connected with said slide, and attached to the fork of the bicycle, and means as described, for adjusting the said bearing vertically and securing it in the adjusted position, as set forth.

No. 66,483. Lock for Bicycle Driving Gear.

(*Serrure pour engrenage de bicycles.*)



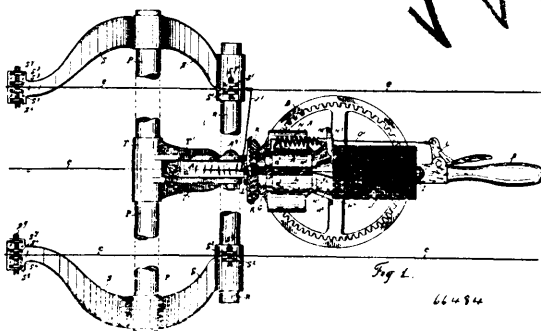
66483

Wilhelm Morris, Christchurch, Canterbury, New Zealand, 6th March, 1900; 6 years. (Filed 5th September, 1899.)

Claim.—1st. A lock upon the frame of a cycle, the bolt of which is adapted when in its projected position to engage between its teeth upon a wheel of the driving gear of the machine, substantially as specified. 2nd. A lock upon the frame of a cycle, the bolt of said lock having a notch in its outer end adapted to receive a tooth upon a wheel of the driving mechanism of the machine, substantially as specified. 3rd. A lock upon the frame of a cycle, the bolt of said lock being formed to engage between the teeth upon a wheel of the driving gear of the machine, said bolt also having a notch adapted to receive one of said teeth, substantially as and for the purposes herein described and illustrated.

No. 66,484. Wire Fence Weaving Machine.

(*Machine à tisser pour clôtures en fil de fer.*)



66484

Arthur E. Blashill, Delaware Township, Middlesex, Ontario, Canada, 6th March, 1900; 6 years. (Filed 17th August, 1899.)

Claim.—1st. In a wire fence weaving Machine, the shaft, H, in which a channel H² is formed, and having an enlarged head H¹, provided with a flange H⁴, in which a socket H³ is formed, and bevelled at its ends adjacent to said channel, H², substantially as and for the purpose set forth. 2nd. In a wire fence weaving machine, the shaft H, in which a channel H² is formed, and having

a head H¹, provided with a flange H⁴, in which a socket H³ is formed and bevelled at its ends adjacent to said channel H², and means for supporting said shaft in which it rotates perfectly free, in combination with a locking arm M, provided with an angular end M¹, and means for engaging said angular end with and disengaging it from the head H¹, at the socket H³, substantially as and for the purpose set forth. 3rd. In a wire fence weaving machine, the frame A, the stationary shaft C, the internal gear wheel D, revolving on said shaft C, and means for operating said internal gear wheel, in combination with the shaft E, the toothed pinion F, rigidly secured to one end of said shaft E, and meshing with the teeth of the internal gear wheel D, the bevelled gear wheel G, rigidly secured to the opposite end of said shaft E, the shaft H, and bevelled gear wheel K, rigidly secured thereto, and engaging with the bevelled gear wheel G, substantially as and for the purpose set forth. 4th. In a wire fence weaving machine, the frame A, the stationary shaft C, the internal gear wheel D, and means for operating same, the shaft E, the toothed pinion F, rigidly secured to one end of said shaft E, and engaging with the teeth of the internal gear wheel D, the bevelled gear wheel C, secured to the opposite end of said shaft E, the shaft E, the bevelled gear wheel R, rigidly secured thereto, and engaging with the bevelled gear wheel G, and the sleeved spindle I, secured to the end of the shaft H, in combination with the locking arm M, formed with an angular end M¹, and means for engaging the angular end of said arm with and disengaging it from the shaft H, or other operative part of the machine, substantially as and for the purpose set forth. 5th. In a wire fence weaving machine, the frame A, in which the opening A¹ is formed, the stationary shaft C, the internal gear wheel D, and means for operating the same, in combination with the shaft E, the toothed pinion F, rigidly secured to one end of said shaft E, and engaging with the internal gear wheel D, the bevelled gear wheel G, rigidly secured to the opposite end of the shaft E, the shaft H, formed with a channel H², the bevelled gear wheel K, formed with the slot K¹, secured to the shaft H, and engaging with the bevelled gear wheel G, and the sleeved spindle I, secured to the end of the shaft H, substantially as and for the purpose set forth. 6th. In a wire fence weaving machine, the frame A, in which an opening A¹ is formed, the stationary shaft C, the internal gear wheel D, and means for operating the same, in combination with the shaft E, the pinion F secured to one end of said shaft E and engaging with the internal gear wheel D, the bevelled gear wheel G secured to the opposite end of said shaft E, the shaft H formed with a channel H², the bevelled gear wheel K formed with a slot K¹ secured to the shaft H and engaging with the bevelled gear wheel G, the plate L in which the recess L¹ and perforation L² are formed, the guides d secured to the frame A, and the sleeved spindle I secured to the end of the shaft H, substantially as and for the purpose set forth. 7th. In a wire fence weaving machine, the shaft H having an enlarged head H¹ provided with a flange H⁴ in which a socket H³ is formed, and also formed with bevelled ends H² and H⁶ in combination with the frame A, the stud A² formed thereon, the locking arm M formed with angular end M¹, the spring N interposed between the angular end M¹ of said locking arm M and said stud A², the bell crank O pivotally mounted on said frame A, the strand O¹ connecting one end of bell crank O with the locking arm M and the handle B, substantially as and for the purpose set forth. 8th. In a wire fence weaving machine, the pivot bar P and means for supporting said bar, the sleeve T pivotally and vertically adjustable on said bar P, in combination with the frame A pivotally secured to the sleeve T, and a spring applied to said frame so that the latter will move pivotally in relation to said sleeve with a steady even motion, substantially as set forth. 9th. In a wire fence weaving machine, the pivot bar P and means for supporting said bar, the sleeve T provided with the flange T² and pivotally and vertically adjustable on said bar P, in combination with the frame A provided with the flange A⁴ and pivotally secured to the sleeve T, substantially as and for the purpose set forth. 10th. In a wire fence weaving machine, the pivot bar P and means for supporting said bar, the sleeve T provided with the flange T² and pivotally and vertically adjustable on said bar P, in combination with the frame A, provided with the flange A⁴ and pivotally secured to the sleeve T, and a spring applied to said frame so that the latter will move pivotally in relation to said sleeve with a steady even motion, substantially as set forth. 11th. In a wire fence weaving machine, the pivot bar P and means for supporting said bar, the sleeve T pivotally and vertically adjustable on the said bar P, and the frame A pivotally secured to the sleeve T, in combination with the bolt a extending through the frame A and the sleeve T, a nut b on the end of said bolt, and a coil spring c encircling said bolt and interposed between said frame A and nut b, substantially as and for the purpose set forth. 12th. In a wire fence weaving machine, the pivot bar P and means for supporting said bar, the sleeve T provided with the flange T² and pivotally and vertically adjustable on the bar P, and the frame A provided with a flange A⁴ and pivotally secured to the sleeve T, in combination with the bolt a extending through said flanges T² and A⁴, a nut b on the end of said bolt, and a coil spring c, encircling said bolt a, and interposed between said nut b, and the flange A⁴, substantially as and for the purpose set forth. 13th. In a wire fence weaving machine, the pivot bar P, the spacer bar R, and means for supporting said bars, the spacers R², adjustable longitudinally on said bar R, and means for holding said spacers at the position to which they are adjusted, and for holding the wire in