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NOTICE.

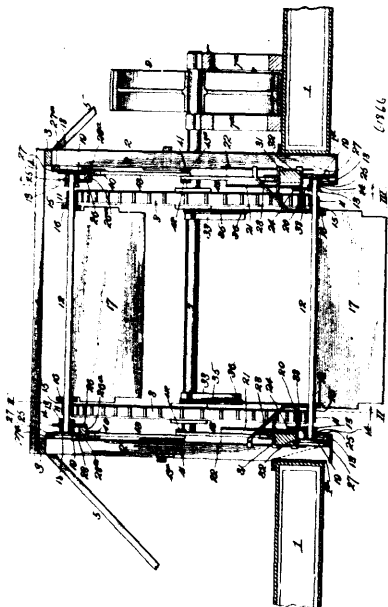
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INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 61,866. Water-Current Motor.

(Moteur à courant d'eau.)



William Woodroe Douglas, Kansas City, Missouri, and Cambren Isaac Webb, Des Moines, Iowa, both in the U.S.A., 1st December, 1898; 6 years. (Filed 22nd July, 1898.)

Claim.—1st. In a current motor, the combination, as hereinbefore described, of a float, having a well and provided with a superstructure, transverse shafts journaled therein, sprocket-wheels upon said shafts, chains connecting said wheels, transverse shafts carried by said chains and provided with paddles and roller-carrying arms, elliptic tracks for said rollers, and elliptic tracks within the first-named tracks, the lower longitudinally extending portion of said

inner tracks being adjustable vertically in order to permit pressure of the water upon the paddles below the same to throw the paddles to their inoperative or inclined position. 2nd. In a current-motor, the combination, substantially as hereinbefore described, of a float provided with a well and a superstructure, transverse shafts journaled therein, sprocket-wheels upon said shafts, chains connecting said wheels, transverse shafts carried by said chains and provided with paddles, rollers and roller-carrying arms, elliptic tracks for engagement with the inner and outer sides of the shaft-rollers, elliptic tracks for engagement with the outer sides of the rollers of said roller-carrying arms, and elliptic tracks for engagement with the inner sides of the rollers of said arms and having their lower longitudinally extending portions vertically adjustable. 3rd. In a current-motor, the combination, as hereinbefore described, of a float having a well and a superstructure, transverse shafts journaled therein, sprocket-wheels upon said shafts, chains connecting said wheels, transverse shafts carried by said chains and provided with paddles, rollers, and a pair of roller-carrying arms near each end, elliptic tracks engaging the inner and outer sides of the shaft-rollers, elliptic tracks engaging the inner and outer sides of the rollers of the endmost roller-carrying arms, the lower longitudinally extending portions of the inner tracks being adjustable vertically, and supplemental vertically movable tracks engaging the inner sides of the rollers of the inner roller-carrying arms. 4th. In a current-motor, the combination, substantially as hereinbefore described, of a float provided with a well and a superstructure, transverse shafts journaled therein carrying sprocket-wheels, chains connecting said wheels, transverse shafts carried by said chains and provided with paddles, rollers, and a pair of roller-carrying arms near each end, elliptic tracks for engagement with the inner and outer sides of the shaft-rollers, elliptic tracks engaging the outer sides of the rollers of the endmost roller-carrying arms, elliptic tracks engaging the inner sides of said rollers and consisting of two sections, sliding brackets carrying timbers provided with tracks forming the lower longitudinal sections of the last-named elliptic tracks, a supplemental track carried by said tracks and engaging the inner sides of the rollers of the inner roller-carrying arms, longitudinal draw-bars connected by toggle-levers to said timbers, segmental guides for said draw-bars, and means to adjust and secure said draw-bars, and consequently the paddles, at any desired point of adjustment. 5th. In a current-motor, the combination, substantially as hereinbefore described, of a float provided with a well and a superstructure, transverse shafts journaled therein, sprocket-wheels upon said shafts connected by chains, shafts carried by and connecting said chains, paddles, and rollers upon said shafts, elliptic tracks engaging the inner and outer sides of said rollers, having their end-portions concentric of the first-named shafts, a pair of roller-carrying arms projecting forwardly from the ends of the shaft, an elliptic track engaging the outer sides of the rollers of said arms, with its end or curved portions extending eccentrically of the first-named shafts, a companion or inner track, the latter embodying a vertically movable lower section, an upper stationary section, having grooved ends, and a segmental pivoted section uniting the upper and lower sections, sliding brackets carrying said vertically movable section, a supplemental vertically movable track carried by said brackets, and auxiliary arms projecting from the paddle-shafts and provided with rollers engaging the lower edge of said supplemental tracks.

No. 61,867. Whiff-tree and Hold-Back.

(Palonnier et ragot de limonière.)

John W. Hyde, and Thomas C. Whitson, both of Bankston, Alabama, U.S.A., 1st December, 1898; 6 years. (Filed 8th November, 1898.)