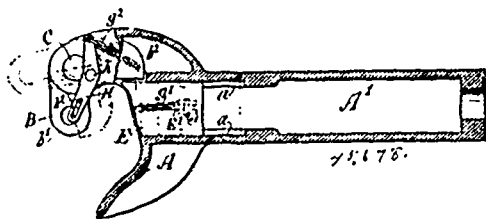
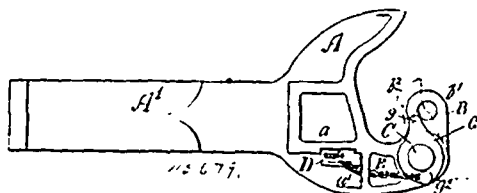


with a recess and a pivoted angular knuckle having a portion capable of swinging in to and out of the said recess, of a lock block having its front end pivotally connected to one end of a link which



at the other end is pivotally connected to the coupler-head, and inclines for guiding the rear end or heel of the lock block, substantially as specified. 3rd. The combination with a coupler-head, provided with a recess and a knuckle pivotally connected thereto, of a locking device arranged within said recess, a flexible or partly flexible device having two branches directly connected together and independently connected with the lock block and also to the knuckle on one side of its pivot, whereby the lock block may be disengaged from the knuckle and the knuckle opened, substantially as specified. 4th. The combination with a coupler-head, provided with a recess and a knuckle pivotally connected thereto, of a locking device arranged within said recess, a flexible or partly flexible device connected with the lock block, a plate pivoted to the coupler-head on one side of the knuckle pivot, and a connecting part between said plate and the knuckle, whereby the lock block may be disengaged from the knuckle and the knuckle opened, substantially as specified.

No. 45,679. Car Coupler. (Attelage de chars.)



Benjamin M. Whitlock, New York, Richard T. Haines, Frank A. Fox, Augustus Outerbridge, and Arthur W. Dodge, assignees of James S. Scott, New York, State of New York, U.S.A., 3rd April, 1894; 6 years.

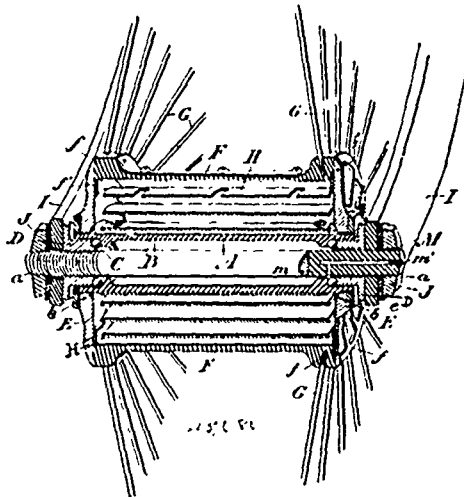
Claim. 1st. The combination of a coupler head, a knuckle pivotally connected thereto, and a plate or lever pivotally connected with the coupler-head, and engaged with said knuckle for the purpose of operating the knuckle, substantially as specified. 2nd. The combination with a coupler-head and knuckle pivotally connected thereto, a locking device for said knuckle, a plate or lever pivotally connected with the head and connected to the knuckle, and an operating device flexibly connected with the said plate or lever, and with the said locking device, substantially as specified. 3rd. The combination of a coupler head, a knuckle pivotally connected thereto, and a plate or lever secured in place by the pivot of the knuckle and engaged with said knuckle for the purpose of operating the knuckle, substantially as specified.

No. 45,680. Bicycle. (Bicycle)

Henry J. Bechtel, George C. Schultz and William D. Schultz, all of Brantford, Ontario, Canada, 3rd April, 1894; 6 years.

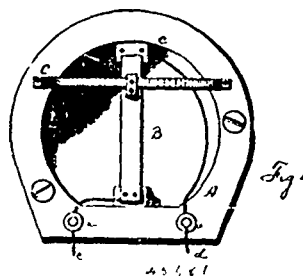
Claim. 1st. In a bicycle, the combination with the rim of the wheel, of a flexible cushion capable of diametrical movement extending around the axle between the axle and the rim, as and for the purpose specified. 2nd. In a bicycle, the combination with the rim and axle of the wheel, on which the forks are secured in the usual manner, of a hub rotating on the axle on ball bearings, a cylinder casing situated outside the hub, rotating with it and capable of diametrical movement, and a cushion formed between the hub and the cylindrical casing, as and for the purpose specified. 3rd. In a bicycle, the combination with the rim and axle of the wheel, on which the forks are secured in the usual manner, of a hub rotating on the axle on ball bearings, a cylindrical casing situated outside the hub, rotating with it and capable of diametrical movement, a flat helical spring situated between the hub and the casing, and secured to the hub and casing, and end discs secured on each end of the hub, as and for the purpose specified. 5th. In a bicycle, the combination with the axle of the wheel on

which the forks are secured in the usual manner, of a hub rotating on the axle on ball bearings, a cylindrical casing situated outside the hub, rotating with it and capable of diametrical movement and



the rim formed of wood, having the end of the spokes suitably secured thereon, and a band of rubber passed around an annular recess in the rim, as and for the purpose specified.

No. 45,681. Circuit Maker. (Ferme-circuit électrique.)



Joseph Weaver, Canandagua, New York, U.S.A., 3rd April, 1894; 6 years.

Claim. 1st. A circuit maker comprising a bracket, a conductor secured to one side thereof, circuit wires secured to said bracket, one of which is in contact with the conductor, and means for fusibly holding said conductor out of contact with the opposite wire. 2nd. A circuit maker comprising a bracket, a conductor secured to one side thereof, circuit wires, one of which is in constant contact with said conductor, an arch or arm secured to said bracket, a fusible or combustible fuse secured at one end to the said arch and its opposite end adapted to hold said conductor out of contact with the opposite circuit wire. 3rd. A circuit maker comprising a bracket, provided with binding posts and having means for securing it to the wall, a conductor secured to one side thereof, circuit wires, one of which is in constant contact with said conductor, an arch or arm secured to said bracket, a fusible or combustible fuse secured at one end to said arch, its opposite end secured to the conductor and adapted to hold it out of contact with the opposite circuit wire.

No. 45,682. Curtain Holding Device.

(Appareil pour tenir les rideaux)

Edward E. Piper, Portland, Maine, U.S.A., 3rd April, 1894; 6 years.

Claim. 1st. In a curtain holding device, the combination of a hollow tube, a spring actuated spindle extending longitudinally through said tube from the end to the centre, a friction tip on the outer end of said spindle, a cam journaled within said tube for retracting said spindle, the journal of said cam being provided at its outer end with a handle lever and a stationary handle opposed to said handle lever and secured to said tube, substantially as described. 2nd. In a curtain holding device, the combination of a hollow tube, a spring actuated spindle extending longitudinally through said tube from each end thereof to the centre, a friction tip on the outer end of each of said spindles, a cam journaled within said tube for retracting said spindles, said cam having two opposite pivoting points to which said spindles are pivoted, the edges of said