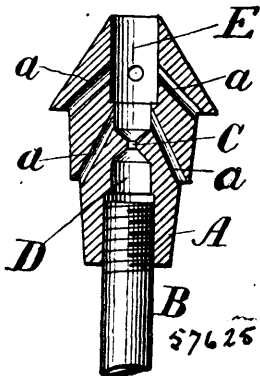


framework guided in said guides, and consisting of the side pieces 7, 7, and connecting rods between the same, pins 10, 10, to hold said framework in its forward position, a fender proper 12, pivotally attached to the side pieces of said framework, spring-pressed bolts 15, 15, carried on the framework and entering perforations in the fender to hold the fender in its raised position above the track, a yielding flexible connection 17, between the bolts 15, 15, and a push-pin 20, projecting through the platform of the car immediately above but detached from said flexible connection to withdraw said bolts when said pin is depressed, all combined to operate substantially as and for the purpose set forth.

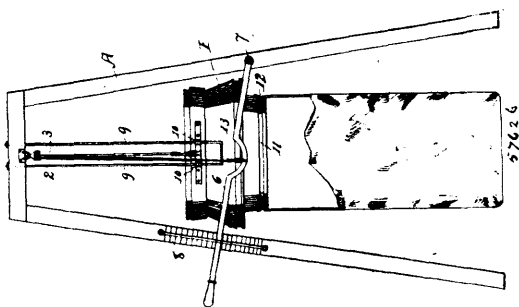
No. 57,625. Acetylene Gas Burner.
(*Brûleur de gaz acétylène.*)



Edward James Dolan, Philadelphia, Pennsylvania, U.S.A., 1st October, 1897; 18 years. (Filed 31st August, 1897.)

Claim.—1st. The process of burning acetylene gas, which consists in projecting a small cylinder of gas, in surrounding the same with an envelope of air insufficient to cause combustion of all the gas, and in finally supplying the gas with an additional amount of oxygen by allowing the stream of gas to expand above the burner tip into contact with the air, thereby burning the same, substantially as described. 2nd. The process of burning acetylene gas, which consists in projecting toward each other two cylinders of acetylene gas, in surrounding the same with an envelope of air insufficient to produce combustion of all the gas, and in finally causing the cylinders of gas to impinge upon each other and produce a flat flame, substantially as described. 3rd. The combination in an acetylene burner of the block A, having the minute opening C, the cylindrical opening E, opening without obstruction to the atmosphere, and the air passages a, substantially as described. 4th. The combination in an acetylene burner of two mixing burners mounted upon a suitable standard and inclined toward each other, the said burners being each provided with an air-ejecting apparatus within the burner itself, substantially as described. 5th. The combination of the burners A, A, mounted upon a suitable support and inclined toward each other, each having within the single block constituting the burner the central minute cylindrical orifice C, the large unobstructed cylindrical opening E, and the inclined air-passages a, substantially as described.

No. 57,626. Sack Holder. (*Porte-sacs.*)

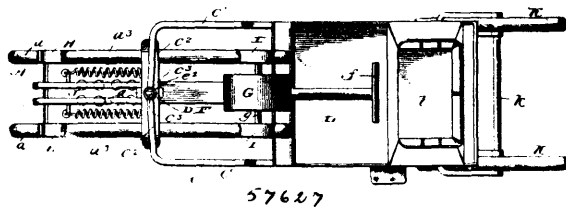


Emil Adam Wenzel and Franz Fuldeen Wenzel, both of St. Paul, Minnesota, U.S.A., 1st October, 1897; 6 years. (Filed 23rd September, 1897.)

Claim.—1st. In a bag-holder of the class described, the combination with the frame, of the hopper, its supporting cables, the connected lever for adjusting the height of the hopper, and the guide-rods depending from the top of the frame and working through guides on the sides of the hopper for preventing lateral movement of the same. 2nd. In a bag-holder of the class described, the combination with the frame, of the hopper, the cables supporting the same from the top of the frame, the connected adjusting lever, and the independ-

ent means for securing different sized sacks to the hopper. 3rd. In a bag-holder of the class described, the combination of the frame, of the hopper having cable support upon the same and formed with series of grooves proportioned to receive different sizes of sacks, the clamping rings for securing the edges of the sacks in said grooves, and the lever connected with the hopper supporting cables, by means of which the height of the hopper may be adjusted.

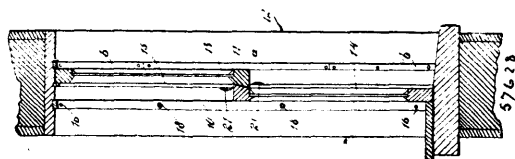
No. 57,627. Motor Vehicle. (*Voiture à moteur.*)



Charles Henry Barrows, Willimantic, Connecticut, U.S.A., 1st October, 1897; 6 years. (Filed 6th September, 1897.)

Claim.—1st. In a motor vehicle, the combination of a steering lever or handle, and a motor carried by said handle or lever and movable therewith into and out of engagement with a wheel, substantially as and for the purposes described. 2nd. In a motor vehicle, the combination with a steering lever, of a motor carried by said lever on one side of its fulcrum, and a brake device also carried by said lever but on the opposite side of its fulcrum from the motor, substantially as described. 3rd. In a motor vehicle, the combination with a steering fork, and a steering and driving-wheel, of a steering lever fulcrumed to said steering fork, a motor carried by said lever and movable therewith into and out of engagement with said wheel, and a brake device also carried by the steering lever to ride upon and be free from said wheel, substantially as and for the purposes described. 4th. In a motor vehicle, the combination with a steering and driving-wheel, and a steering fork, of a steering lever, a motor, and a brake mechanism, said motor and brake mechanism carried by the lever on opposite sides of its fulcrum and said parts movable with the steering lever to alternately ride upon said wheel, substantially as described. 5th. In a motor vehicle, the combination with a steering and driving-wheel, and a fork, of a steering lever hung on the fork, a motor carried by the steering lever, and mechanism to counterbalance with the weight of the motor on said steering lever, substantially as and for the purposes described. 6th. In a motor vehicle, the combination with a steering fork, of a duplex-wheel journaled on said fork, a steering lever hung to said fork, a motor carried by said steering lever, and wheels driven by the motor and arranged on the lever to be thrown into and out of engagement with said duplex-wheel by proper movements of said steering lever, substantially as described. 7th. In a motor vehicle, the combination with a steering fork, and a wheel, of a spindle or king-bolt passing through the head of said fork, a pendent rigid with the lever, a steering lever on said pendent, a motor carried by the lever, and a wheeled frame coupled to the spindle or king-bolt, substantially as described.

No. 57,628. Sash Holder. (*Arrête-croisée.*)



John Leash, Thomas William Leash, Herman Currie and Edward Lewis Brazenor, all of Gore Bay, Ontario, Canada, 1st October, 1897; 6 years. (Filed 24th June, 1897.)

Claim.—1st. The combination of a window-sash, and a flat plate having an edgewise spring, the plate co-acting with the sash to hold the same. 2nd. The combination of a window-frame, a window-sash moving therein, and a spring attached to one of said parts and having a resilient portion bearing against the other of said parts, whereby to hold the sash. 3rd. The combination of two spring-pressed sashes, and a plate having a convex face, the plate being interposed between the sashes to protect the same. 4th. The combination of a spring-pressed sash, and a plate having a convex face, the plate bearing against the sash to prevent the marring thereof. 5th. The combination of a spring-pressed sash, and a plate held adjacent to the sash and engaged thereby, whereby to prevent the sash from being marred. 6th. The combination of a window-sash, and a flat plate having an edgewise spring, the plate bearing its edge against the sash, whereby to hold the sash in place. 7th. The combination of a window-frame, a sash sliding therein, and a plate forming a window-bead, the plate being rigidly secured to the frame, and having an edgewise spring toward the window-sash, the edge of the plate bearing against the sash to hold the sash.