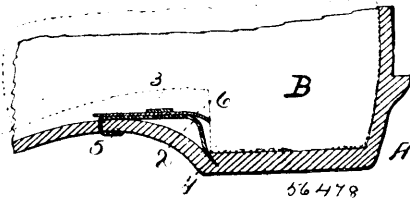


combination with a suitable operating lever E, of a bell-crank lever pivoted upon a suitable support, a gate, a rod connecting the free end of one of the arms of the bell-crank lever with the gate, a rod F^2 , connecting the other arm with the operating lever E, a roller supported upon the gate, a latch J, supported upon a suitable post and lying in the path of said roller, an unlocking lever J, adapted to actuate said latch and loosen the same when said unlocking lever is raised, a rod J^2 , connecting said unlocking lever with the operating rod F^2 , said rod having sufficient slack to allow the unlocking lever to lie below the weighted end of said latch, but when said operating rod is straightened to raise said lever and release the roller, substantially as described. 10th. In a device of the class described, the combination with a swinging gate, of a suitable latch adapted to hold said gate in a closed position, a bell-crank lever, suitable means for connecting the bell-crank lever with the latch, operating levers and means connecting the operating levers with the bell-crank lever, and adjusting devices for taking up the slack comprising substantially the screw-threaded rods e^1 , having the cranks e^2 , and swivels e^3 , e^4 , substantially as described.

No. 56,478. Rubber Holder. (Porte-caoutchouc.)

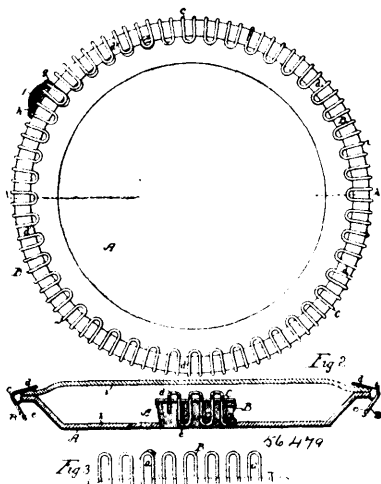


Henry Brazier Crampton, Syracuse, New York, U.S.A., 3rd July, 1897; 6 years. (Filed 4th June, 1897.)

Claim.—1st. A rubber holder, comprising a body adapted to be secured upon the shank of a rubber, a loop upon said body, and a finger adapted to be adjustably projected rearwardly to bring its rear end into position to engage with the front of the heel of a shoe within said rubber. 2nd. A rubber holder comprising a body, and means to secure it to the rubber in front of and adjacent to the heel portion thereof, in combination with a spring finger mounted upon said body and adapted to be adjusted longitudinally according to the sizes of the shoe heels, to engage with the front only of the heel of the shoe in the rubber, and to be locked in the position at which it is set. 3rd. A rubber holder consisting of a body, prongs at the ends to secure it to the rubber, a loop on said body, a spring finger loose in said loop, a dog pivoted on said body and adapted to engage with one of the series of notches in said finger, and whereby said finger is adjusted longitudinally to engage with the front only of the heel of a shoe in the rubber.

No. 56,479. Pie Rim or Band.

(Bord ou bande pour plats.)

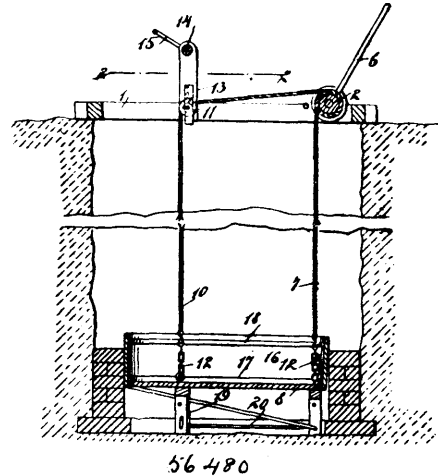


Isaac N. Weitzel, Rochester, New York, U.S.A., 3rd July, 1897; 6 years. (Filed 5th June, 1897.)

Claim.—1st. A band for a receptacle, as a pie-tin, made of elastic material, as metal wire, having transverse loops, and a clasp or fastener for the band, substantially as shown and described.

2nd. A band for a receptacle, as a pie-tin, made of elastic material, as steel wire, having transverse loops bent laterally along a longitudinal line, forming an upper and a lower looped flange, substantially as specified. 3rd. A pie-tin provided with a removable elastic band formed of a series of loops bent transversely so as to form a part extending over the rim of the pie-tin and another part hanging under the rim, substantially as set forth, and a fastener for the band.

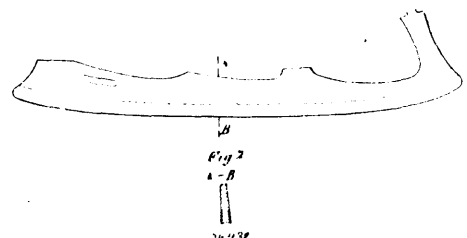
No. 56,480. Apparatus Employed in Walling Excavations. (Appareil pour le remplage des excavations.)



William Charles Thomas, Fountain, Kansas, U.S.A., 3rd July, 1897; 6 years. (Filed 7th June, 1897.)

Claim.—1st. A device for the purpose described, comprising a frame adapted to rest on the ground at the upper end of the pit, a windlass mounted to rotate in said frame, a ratchet wheel on one end of said windlass, a dog pivoted to the frame and engaging the said ratchet wheel, means for turning the windlass, a platform, three ropes extended from the windlass to connections with the platform, pulleys over which two of said ropes extend, and a gauge-frame removably mounted on the platform, substantially as specified. 2nd. A device for the purpose described, comprising a frame designed to rest upon the ground, a windlass mounted to rotate in said frame and provided with holes for the insertion of a turning lever, a platform, legs on the said platform, a rope extended from the windlass to a connection with the platform, pulleys mounted on the frame, ropes extended from the windlass over said pulleys to connections with said platform, a lowering windlass mounted on said frame, and a gauge-frame loosely surrounding the platform, substantially as specified.

No. 56,481. Skates. (Patins.)



Richard Becker Reimscheid, Prussia, Germany, 3rd July, 1897; 18 years. (Filed 7th June, 1897.)

Claim.—Runners for skates, where the lateral edges of the lower thread are steeled, while the central part is formed of iron for the purpose to allow the lateral edges to be hardened and to reduce thereby the wearing as compared with the central part of the hollowed ground thread, substantially as set forth and shown in the accompanying drawing.