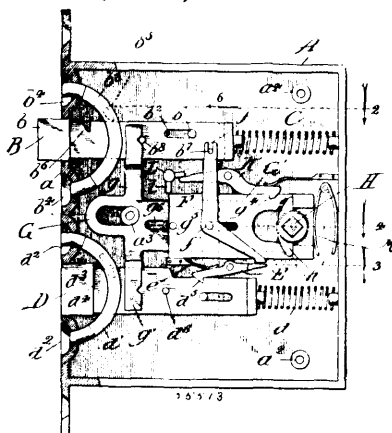


ing covering consisting of a series of struts resting against the exterior of the boiler shell, a wire screen resting upon the outer ends of the struts and a jacket of non-conducting material covering the wire screen, substantially as described.

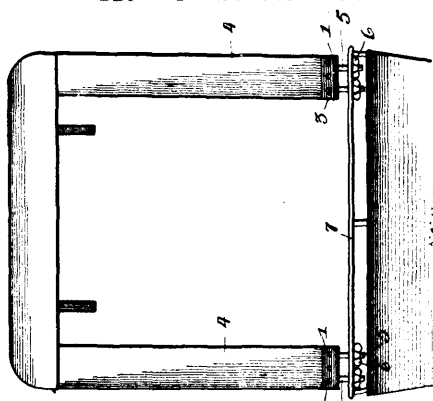
No. 55,513. Lock. (Serrure.)



Arthur Fleischmann, Chicago, Illinois, U.S.A., 5th April, 1897; 6 years. (Filed 18th March, 1897.)

Claim.—1st. In a compound lock, the combination of a primary locking bolt, and a second locking bolt arranged to be placed in a locking position by the movement of the primary locking bolt, substantially as described. 2nd. In a compound lock, the combination of a primary locking bolt, a second locking bolt, spring mechanism adapted to normally hold both of the locking bolts in their locking position, latch mechanism arranged to hold the second locking bolt in its unlocked position, and means interposed between primary locking bolt and the second locking bolt, whereby the second locking bolt is released by the movement of the primary locking bolt, substantially as described. 3rd. In a compound lock, the combination of a primary locking bolt, a second locking bolt, spring mechanism for normally holding the locking bolts in their locking position, a slide arranged to withdraw the bolts from their locking position, latch mechanism for holding the second locking bolt in its unlocked position, and a lever pivoted to the slide and engaged by the primary locking bolt, whereby the second bolt is released by the independent movement of the primary locking bolt only and not disturbed when the primary locking bolt is moved by the slide, substantially as described. 4th. In a compound lock, the combination of a primary locking bolt, a second locking bolt, spring or similar mechanism for normally holding the locking bolts in their locking position, latch mechanism for holding the second locking bolt in its unlocked position, a compound slide arranged to withdraw the bolts from the locking position, a lever pivoted to the main portion of the slide and engaging with the latch mechanism and with the primary bolt, whereby the latch mechanism of the second bolt is released by the independent movement only of the primary bolt, latch mechanism for preventing the movement of the second portion of the compound slide, a knob and turn-bolt arranged to operate the main slide from one side of the door and the supplemental or second slide from the opposite side of the door, and key mechanism for releasing the latch of the supplemental slide, substantially as described.

No. 55,514. Buggy Top. (Joint de couverture de roiture.)



Robert Capital Bartlett, Eads, Tennessee, U.S.A., 5th April, 1897; 6 years. (Filed 18th March, 1897.)

Claim.—1st. The herein described connection for fastening carriage tops in place, the same consisting of a body or plate having

openings for the reception of fasteners and provided with bolts or stems projecting from one edge thereof and spaced apart, the said bolts or stems being threaded to receive nuts, substantially as and for the purpose described. 2nd. The herein described connection for fastening carriage tops in place, consisting of a substantially rectangular body portion provided with openings for the reception of suitable fasteners, integrally formed bolts or stems projecting from one edge of said body, and spaced apart, and thumb-nuts secured upon said bolts or stems, substantially as and for the purpose described. 3rd. The combination with a vehicle body and top, of connecting devices secured to the stays of the top, each of said devices consisting of a plate having provision for its securement to one of the stays, and threaded bolts or stems projecting from and formed integrally with said plate the said bolts or stems being spaced apart and adapted to receive the nuts substantially as described.

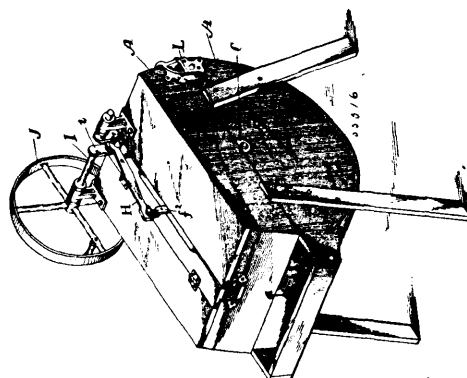
No. 55,515. Squeak Preventing Compound for Shoes.

(Composition pour empêcher les chaussures de crier.)

Abisha Lawton Thompson, Rock Creek, Ohio, U.S.A., 5th April, 1897; 6 years. (Filed 20th March, 1897.)

Claim.—1st. A composition of matter comprising, French chalk, yellow ochre and pulverized orris-root, for the purpose described. 2nd. A composition of matter, comprising French chalk, an earthy substance, and an odorous powder, substantially as described.

No. 55,516. Washing Machine. (Machine à laver.)



Conrad Dietz, West Covington, Kentucky, U.S.A., 5th April, 1897; 6 years. (Filed 19th March, 1897.)

Claim.—1st. In a washing machine, the combination with a casing, an oscillatory receptacle therein, a vibratory dasher within said receptacle and co-operating therewith, of an operating crank, a pitman connecting said crank and dasher and a rod connecting said crank and receptacle, substantially as set forth. 2nd. In a washing machine, the combination with a casing, a receptacle pivotally mounted in said casing, a cover on said casing and a dasher pivotally mounted in bearings in the cover, of a crank-shaft, a pitman pivotally connecting the crank-shaft and dasher and a rod pivotally connected at one end to one end of the receptacle and detachably connected at its other end to the crank-shaft, substantially as set forth. 3rd. In a washing machine, the combination with a casing, a receptacle pivotally mounted in said casing, a cover attached to the casing, closed elongated bearings secured to the inner face of the sides of the cover and a dasher having journals adapted to be mounted in said bearings, of a crank shaft journaled in bearings carried by the cover, a pitman connecting the crank-shaft and dasher, a rod detachably connected at one end to one end of the receptacle and detachably connected at the other end to the crank-shaft or pitman, substantially as set forth. 4th. In a washing machine, the combination with a casing, a cover mounted thereon, a receptacle pivotally mounted in the casing, and a dasher pivotally mounted in bearings carried by the cover, of a crank-shaft, a pitman connecting the crank and dasher, plates each having a stud and horn, each latter being in a plane adjacent to the free end of its stud, one of said plates being secured to the receptacle and the other to the pitman, and a rod mounted at its ends on said studs and retained against accidental disengagement by the horns, substantially as set forth. 5th. In a washing machine, the combination with a casing, a ribbed receptacle pivotally mounted in said casing, a cover mounted on the casing and a dasher pivotally mounted in elongated bearings in the cover, of a pitman connected at one end to the dasher, a rod detachably connected at one end to one end of the receptacle, and a crank for connecting and actuating the pitman and rod, substantially as set forth. 6th. In a washing machine, the combination with a casing, cover, an oscillatory receptacle mounted in said casing, a vibratory dasher carried in bearings in said cover, and a crank-shaft connected to said dasher and receptacle substantially as set forth and for the purpose specified. 7th. In a washing machine, the combination of the casing, a cover secured thereto, an oscillatory receptacle detachably mounted in said casing, vibratory dasher mounted in bearings in the cover, a rod detachably connect-