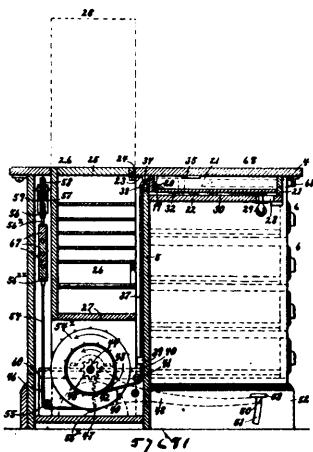


gagement with the rear edge of the blind, and the other end into engagement with a lateral bearing surface, and a device to sustain the said lever in its operative position, for the purposes set forth. 2nd. In combination with a blind, a hinge the stationary member whereof is provided with a base plate and bracket projecting therefrom, a brace or lever pivoted to said bracket and provided with a rearwardly extending part which engages with the said base plate when in operative position, thus exerting pressure upon the blind, for the purposes set forth. 3rd. A blind fastening device, comprising a lever or brace pivoted at or near one end to the stationary member of a hinge, said stationary member having bearing surfaces adapted to engage with the lever as it approaches the horizontal position, thus relieving the pivot of strain and crowding the lever against the blind, and means to sustain the lever in its horizontal position, for the purposes set forth. 4th. A blind fastening device comprising a base plate, a bracket projecting at right angles therefrom, a lever or brace pivoted to the bracket, a surface on the base plate adapted to engage with the rear end of the lever, and a portion of the bracket adapted likewise to engage with the lever, whereby the latter is braced laterally and strain removed from its pivot, and means to maintain the lever in its operative position, for the purposes set forth. 5th. A blind fastening device, comprising a lever pivoted to a stationary device on the window casing and adapted to exert spring pressure upon the rear edge of the blind when the latter is opened, and to force the same against the side of the house or a stop interposed between the two, for the purposes set forth. 6th. In a blind fastening device, a spring acting lever or brace pivoted to the bracket of the stationary part of a hinge, bearing surface upon the said stationary part and bracket against which the lever is braced when in operative position, for the purposes set forth. 7th. A blind fastening device comprising a striker plate having an inclined or projecting surface upon the blind, and a pivoted lever fastened to the stationary part of one of the hinges which when swung outwardly into an horizontal position, engages with the inclined or projecting surface on the striker plate, for the purposes set forth. 8th. A blind fastening device comprising a striker plate having an inclined or projecting surface upon the blind, and a pivoted, spring-acting lever fastened to the stationary part of one of the hinges which, when swung outwardly into horizontal position, engages with the inclined or projecting surface on the striker plate, for the purposes set forth.

**No. 57,681. Desk. (Pupitre.)**

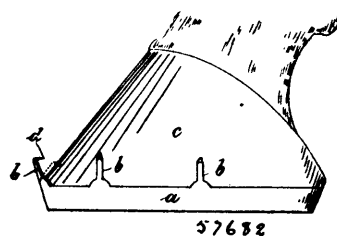


Horace D. Hermany, Philadelphia, Pennsylvania, U.S.A., 5th October, 1897; 6 years. (Filed 27th September, 1897.)

*Claim.*—1st. A desk having movable pigeon-holes, mechanism for raising and lowering said pigeon-holes, means for operating said mechanism, a counterbalance for said pigeon-holes, a drawer having connection with said raising and lowering mechanism, and movable supports for said pigeon-holes when in elevated position. 2nd. A flat-top desk, having movable pigeon-holes in the rear portion thereof, connections from said pigeon-holes to a system of counterbalances, connections from the latter to a drum, a shaft upon which said drum is mounted, pinions carried by said shaft, a rack adapted to engage said pinions, connections from said rack to a treadle, a drawer supported within the desk and connections from said drawer to said drum. 3rd. A desk having movable pigeon-holes, a drawer, a drum mounted in said desk and having chain connections with said pigeon-holes and drawer, gearing connected with said drum and a lever and treadle for operating said gearing. 4th. A desk having movable pigeon-holes, a drawer with mechanism for raising or lowering said pigeon-holes, means with operating mechanism for supporting said pigeon-holes in raised position, and counterbalance-weights connected with said pigeon-holes and with said raising and lowering mechanism. 5th. A desk having movable pigeon-holes, a drawer, drums mounted in said desk, the chain 37 passing over the roller 38,

the block 39 connected with the lower end of said chain, a chain 40 connected with each of said drums, pinions secured on the shaft of said drums, and a bar with a rack at one end engaging said pinion and a treadle on the other end. 6th. A desk, having pigeon-holes, in its rear portion, a drawer having thereon means for locking said pigeon-holes when in depressed position, and connections from said drawer for raising and lowering said pigeon-holes. 7th. A desk having movable pigeon-holes, a drawer, mechanism for raising and lowering said pigeon-holes, the strip 60 connected with said pigeon-holes, the bar 56 having the chains 57 connected with its ends and passing over the pulley 58, and connected with the strip 60, the depending rods 56<sup>x</sup> with cross-bar 56<sup>xx</sup> carrying weights, and the chain 54 connecting said bar 56, and a drum of said raising and lowering mechanism. 8th. A desk having movable pigeon-holes, mechanism connected with a treadle for raising and lowering said set, a counterbalance for said pigeon-holes, a drawer having flexible connections with said raising and lowering mechanism, and movable supports for said pigeon-holes when in elevated position. 9th. A desk having a drawer and on each side thereof side drawers, bars guided on the wall of said desk, mechanism connected with said bars and engaged by said first-mentioned drawer for locking and unlocking simultaneously said side drawers, in combination with pigeon-holes in said desk, mechanism for raising and lowering said pigeon-holes, means for operating said mechanism, a counterbalance for said pigeon-holes, movable supports for said pigeon-holes, when in elevated position, and means on said first-mentioned drawer for locking said pigeon-holes, when in depressed position.

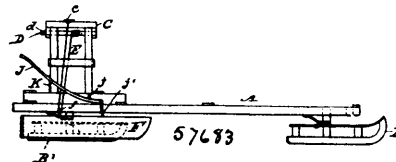
**No. 57,682. Nailless Horse-shoe. (Fer à cheval.)**



Alexander Kemeny and Max Steiner, both of Neupest, Budapest, Hungary, 5th October, 1897; 6 years. (Filed 28th September, 1897.)

*Claim.*—Horse-shoes, characterized by projections *b* arranged at the upper edges of the shoes and provided with inwardly-projecting hooks *d*, figure 1, which, after the shoe is placed in position, are bent at the under surface of the hoof against the upper side of the same, so that their points *d* should be driven into the latter side, substantially as described.

**No. 57,683. Snow-plough. (Charrue à neige.)**



George O. Spencer, Manchester, New Hampshire, U.S.A., 5th October, 1897; 6 years. (Filed 8th September, 1897.)

*Claim.*—1st. In a snow-plough for highways, a plough or scraper hung at each side of an ordinary sled, a suitable frame adapted to rest upon said sled, provided with a windlass and a rope or cable in connection with each of said scrapers, each being provided with a bar placed at an angle therewith, the forward end of which is attached to the forward end of the scraper and the rear end bent at an angle, and provided with an extensible connection which is attached to the rear portion of the scraper, and means for maintaining either end of said scrapers at the desired elevation, all substantially for the purpose set forth. 2nd. In a plough for highways, a frame adapted for attachment to an ordinary sled, a plough or scraper consisting of planks hung one at each side of and at an angle with the runners of said sled, a pulley-block attached near the rear end of said scraper, a rope or cable having one end secured to the top of said frame, and the other wound around a windlass mounted in said frame, the said windlass, and means for adjusting the forward ends of said scrapers, substantially for the purpose set forth,

**No. 57,684. Lawn Mower Grinder. (Aiguiseur de faucheuses.)**

William W. Boughner, Hamilton, Ontario, Canada, 5th October, 1897; 6 years. (Filed 27th September, 1897.)

*Claim.*—1st. A lawn mower grinder of the character described, consisting of an emery bar having rear lugs, clips having lugs to