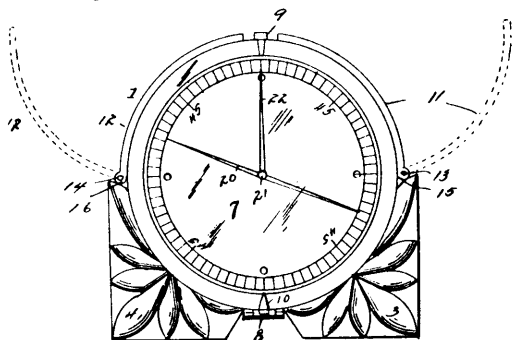


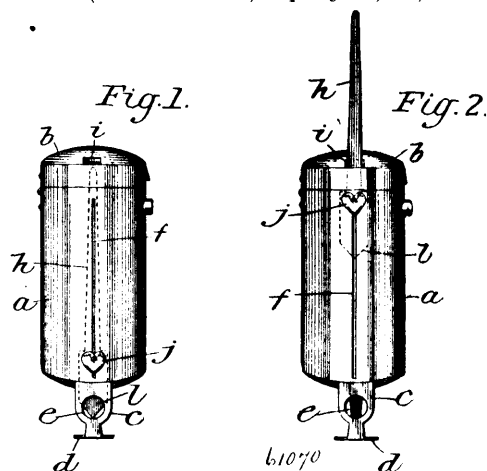
in the casing, a weight connected to said spindle, a pointer also connected to the spindle and adapted to indicate on the dial, and a



61069

compass-needle journaled on the spindle and adapted to move on the face of the dial.

No. 61,070. Match Box, Cigar Cutter, etc.
(Boîte à allumettes, coupe-cigares, etc.)



61070

Adolphe Washington, Le Bon, Montgomery, Alabama, U.S.A., 1st September, 1898; 6 years. (Filed 28th June, 1898.)

Claim.—1st. A match box, provided with a pipe packer rigidly secured to the end of the same, substantially as set forth. 2nd. A match box, provided with a pipe pick or cleaner lying wholly within and adapted to be projected from one end of the same, substantially as set forth. 3rd. A match box, having an extension at one end provided with an opening, and a knife sliding within the box and independent of the cover and adapted to be projected from the box across said opening without opening the box, substantially as set forth. 4th. A match box, provided interiorly with a combined pipe pick or cleaner, and a cigar cutter, the former being adapted to be projected from one end of the box, and the other adapted to be projected from the opposite end, substantially as set forth.

No. 61,071. Carpet Beating Machine.
(Machine à battre les tapis.)

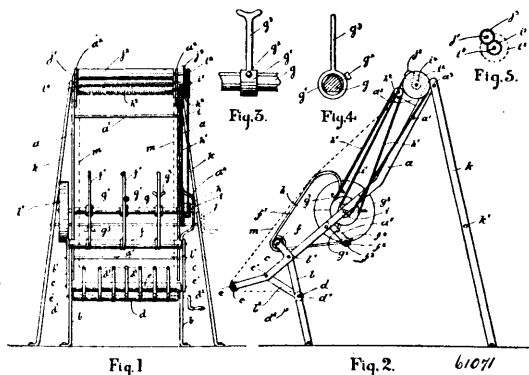


Fig. 1

Fig. 2

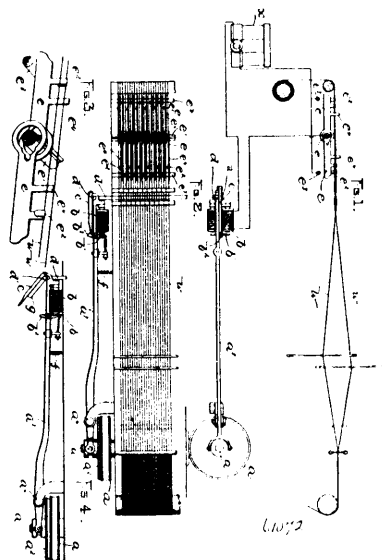
61071

Peter Alfred Olsen, Brandon, Manitoba, Canada, 1st September, 1898; 6 years. (Filed 8th August, 1898.)

Claim.—In a carpet beating machine, a frame provided with suitable legs or supports, having a drum upon which the carpet may be wound and hook bands holding the edges of said carpet, rollers, spring beaters ranged on barrel or drum in said frame with foot rings ranged on foot bar and provided with set screws so that their position may be regulated at will, a lever axle having three flattened sides, lever arms with rings encircling said lever axle and provided with set screws to admit of regulating their position on the axle bar, a driving wheel at one end of the said axle bar and grooved wheels, and cords or chains and cog wheels operating the receiving rollers and rotary sweeper, all formed, arranged and combined as set forth.

No. 61,072. Stop Motion for Looms.

(Mouvement d'arrêt pour métiers.)



61072

Fred. M. Armstrong, assignee of William Henry Baker, both of Pawtucket, Rhode Island, U.S.A., 2nd September, 1898; 6 years. (Filed 23rd May, 1898.)

Claim.—1st. In a warp-stop motion for looms, the combination of a shipper, means for vibrating or reciprocating the same to clutch and unclutch the driving mechanism of the loom, a controlling member movable on the shipper to permit and to prevent an unclutching movement of the latter, a detent engaging said controlling member to hold it in position to prevent unclutching of the driving mechanism, an armature compounded with said detent, an electromagnet, a circuit embracing the same, and a warp-controlled circuit-closer whose operation causes the said magnet to attract the armature and thereby displace the detent and release the shipper-controller allowing the latter to move to position permitting unclutching of the mechanism, substantially as described. 2nd. In a warp-stop motion for looms, the combination with a clutch-lever and actuator therefor exerting itself to move the lever to unclutching position, of a latch on the lever, a detent for engaging the latch, a holding-bar engaging the latch to hold the clutch-lever in clutching position when said latch is engaged by the detent, an electro-magnet arranged to attract the detent, a circuit embracing said magnet, and a warp-controlled circuit-closer. 3rd. In a warp-stop motion for looms, the combination with a clutch-lever and actuator therefor exerting itself to move the lever to unclutching position, of a latch pivoted at one end to the lever, a detent pivoted to the lever and arranged to engage the opposite or free end of the latch, a holding-bar engaging the latch and acting the reagent in opposition to the aforesaid actuator to hold the lever in clutching position, an electro magnet carried by the lever in position to influence the detent, a circuit embracing said magnet, and a warp-controlled circuit-closer. 4th. In a warp stop-motion for looms, the combination with a clutch-lever and actuator therefor exerting itself to move the lever to unclutching position, of a latch pivoted at one end to the lever and having a loop on the side toward the lever, a holding-bar projecting into said loop, a detent on the lever and arranged to engage the free end of the latch, an electromagnet carried by the lever in position to influence the detent, a circuit embracing said magnet, and a warp-controlled circuit-closer. 5th. In an electrical warp stop-motion for looms, the combination with the thread-supported circuit-closers, of a rotary contact-bar for said circuit-closers, and electrically-controlled clutch-shipping mechanism.