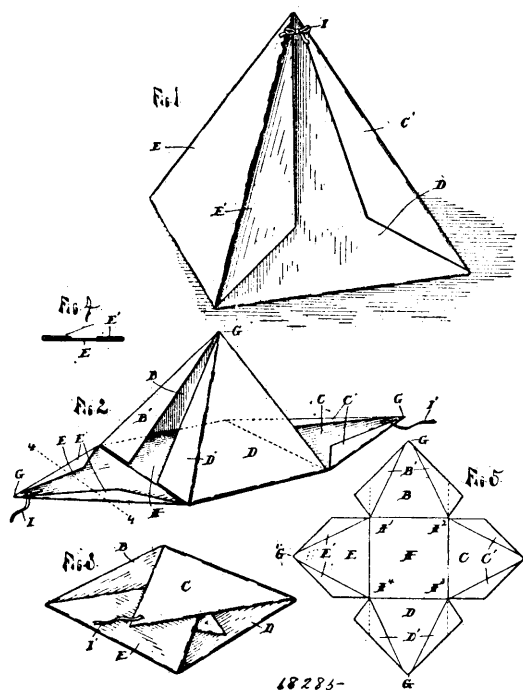


Claim.—1st. A cartridge reloading device, comprising a stationary die having a longitudinal cylindrical bore, retainers or guideways at the ends of the bore for receiving and holding the head of a shell in longitudinal alignment with said bore, a die movable longitudinally toward or from said stationary die, and having a tapering bore in axial alignment with said cylindrical bore and a pusher for removable insertion in the bore of said movable die and projecting beyond the front end thereof and passing through the bore in the stationary die, for seating the new primer on the shell, said pusher also serving for forcing a bullet through the bore in the stationary die and sizing the bullet, substantially as shown and described. 2nd. A cartridge reloading device, comprising a stationary die having a retaining or guideway at its inner face or end, for receiving and holding the head of the shell, a die movable longitudinally toward or from said stationary die, and a pusher removably held in said movable die in axial alignment with the shell, said pusher carrying at the front end a pin for engaging and removing the old primer in the shell, substantially as shown and described. 3rd. A cartridge reloading device, comprising a stationary die having a retainer or guideway at its inner face for receiving and holding the head of the cartridge, and a die movable longitudinally toward or said stationary die and having a tapering bore in axial alignment with the cartridge, the walls of the bore being adapted to engage the bullet and shell of the cartridge, to crimp the shell upon the bullet and compress the powder by moving the bullet in the shell, and to resize the cartridge, substantially as shown and described. 4th. A cartridge reloading device, comprising a stationary die having a longitudinal cylindrical bore, retainers or guideway at the ends of the bore for receiving and holding the head of the shell or cartridge in longitudinal alignment with said bore, a die movable longitudinally toward or from said stationary die and having a tapering bore in axial alignment with said cylindrical bore, a pusher for removable insertion in the bore of said movable die, links pivotally connected with said movable die, and hand levers pivotally connected with said links, for imparting a sliding motion to said movable die upon swinging said levers outward or inward, substantially as shown and described.

No. 68,285. Pyramidal Hat Bag. (Boîte à chapeau.)



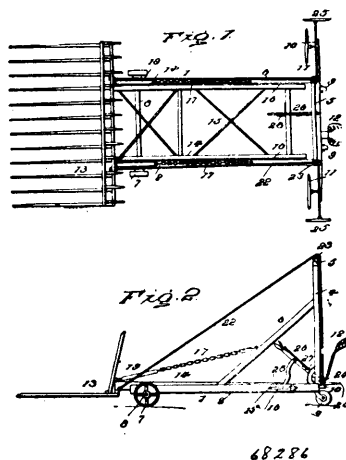
Martin L. Horning, Albion, Michigan, U.S.A., 1st August, 1900; 6 years. (Filed 14th July, 1900.)

Claim.—1st. A blank for a pyramidal bag or box consisting of a square sheet of stiff material cut and creased to form, having triangular parts removed from the middle of each side, the spaces left having their inner points at the four corners of the inner square, and creases extending from each of said inner corners to the next one, and similar creases extending from said inner corners to points in the sides of the original square blank near its corners, substantially as described. 2nd. The herein described pyramidal hat bag or box, comprising the square bottom, the triangular sides, and the triangular side flaps, the material at the line of junction of the bottom and sides, and sides and flaps being creased to form hinges, the opposite sides to be first folded normally carrying their flaps at acute angles thereto and adapted to rest with their lower edges on the bottom, and those to be last folded to inclose the first, normally

carrying their flaps at an acute angle, whereby the flaps of the first folded sides, will press outward against the inside of the last folded sides and the flaps of the last folded sides will press inward against the outside of the first folded sides, the creases being formed to act as hinges and springs to effect these results, substantially as described. 3rd. A blank for a pyramidal bag or box consisting of a square sheet of stiff material cut and creased to form, having triangular parts removed from the middle of each side, the spaces F having their inner points at the four corners of an inner square A, and creases extending from each of said inner corners to the next one, and similar creases extending from said inner corners to points in the sides of the original square blanks near its corners thereof. 4th. The herein described pyramidal hat bag or box, comprising the square bottom A, the triangular sides B, C, D, E, and the triangular flaps B¹ B¹ C¹ C¹, D¹ D¹ E¹ E¹.

No. 68,286. Hay Rake and Stacker.

(Rateau à foin et machine à emballer.)



Andrew Harvey Graves, Pleasanton, Iowa, U.S.A., 1st August, 1900; 6 years. (Filed 14th July, 1900.)

Claim.—1st. In a hay rake and stacker, a supporting frame, a rake, arms secured to the rake, means for supporting the front ends of the said arms, connections having longitudinally spaced pivotal connection with, respectively, the frame and the arms, and means carried by the frame for depressing the rear ends of the arms, as and for the purpose set forth. 2nd. In a hay rake and stacker, a supporting frame, a rake, arms having the rake attached thereto, means for supporting the front ends of the said arms, swinging pivotal connections between the arms and frame and having oppositely projecting bearings journaled, respectively, to the said arms and frame, and means applied to the frame to depress the rear ends of the said arms to effect an elevation of the rake, substantially as set forth. 3rd. In a hay rake and stacker of the character described, the combination of a wheeled frame, elevatable rake mechanism, pulleys arranged at the top and bottom of the rear of the frame, cables passed over said pulleys and laterally out from the frame and having draft devices applied thereto, a seat at the rear portion of the frame, and mechanism for raising and lowering the rake from said seat. 4th. In a hay rake and stacker of the character described, a frame, a rake having pivotal connection therewith, stays having connection with the rake and frame for limiting the upward movement of said rake mechanism, and springs co-acting with the stays to effect a cushioning action and partial retraction of the rake mechanism. 5th. In a hay rake or stacker of the character described, a frame, a rake having pivotal connection therewith, stays having connection with the rake and frame for limiting the upward movement of said rake mechanism, springs co-acting with the stays to cushion and partially retract the rake mechanism, and means for varying the tension of said springs, substantially as set forth.

No. 68,287. Fire Escape. (Saurteur d'incendie.)

Felix Marian Lepore, Denver, Colorado, U.S.A., 1st August, 1900; 6 years. (Filed 14th July, 1900.)

Claim.—1st. In a fire escape, the combination of a box-shaped cabinet, a drum mounted in said cabinet having a brake flange at each end, brake bands pivoted at one end in said casing and surrounding each of said brake flanges and secured at their opposite ends to one end of a lever, a pivotal support for said lever, a second lever pivotally secured to the free end of said first-named lever, a pivotal support for said second lever, and a brake operating rope secured to the free end of said second lever, substantially as described. 2nd. In a fire escape, the combination of a drum having projecting pins radiating from its surface at its opposite ends, a brake flange on each end of said drum, a pliable brake band surrounding each of said brake flanges, a compound lever connected to one end of each of