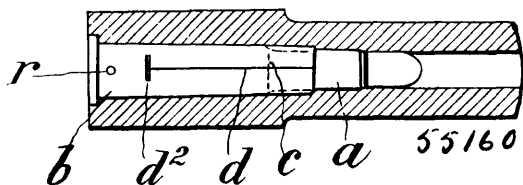


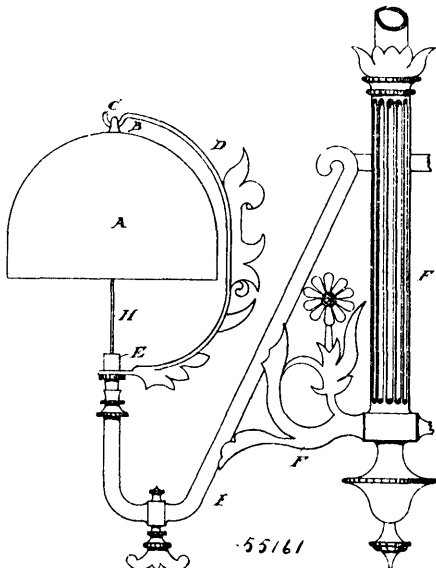
piece or adaptor for adapting miniature or practice cartridges to small bore firearms, chambered for a larger cartridge, consisting of



a metal casing fitting the breech chamber of the firearm and provided with slits extending rearwardly from its front to facilitate the insertion of the miniature cartridge, and of such size that when inserted in the breech the slits are completely closed, substantially as described for the purpose set forth.

No. 55,161. Arrangement for Gas Lights.

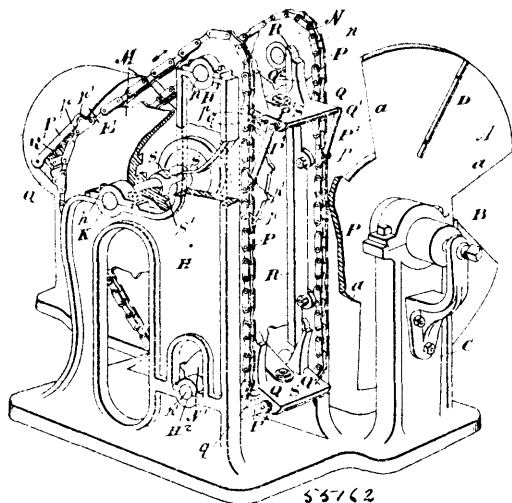
(Appareil pour l'éclairage au gaz.)



George Bray, Leicester Place, Leeds, York, England, 4th March, 1897; 6 years. (Filed 26th January, 1897.)

Claim.—The combination of gas bracket and canopy globe of the kind indicated and means for holding the globe in relation to the flame, in the position indicated, substantially as described.

No. 55,162. Machine for Manufacturing Excelsior Packing. (Machine pour la fabrication d'emballage excelsior.)



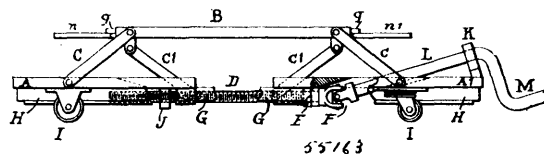
James Albert Manning, Toronto, Ontario, Canada, 4th March, 1897; 6 years. (Filed 29th January, 1897.)

Claim.—1st. In a machine for manufacturing excelsior packing, the combination with the block holder, of sets of scoring knives

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suitably held and facing the block, an endless driving support to which the sets of knives are connected whereby the continuous scoring of the block is effected, as and for the purpose specified. 2nd. In a machine for manufacturing excelsior packing, the combination with the block holder, of sets of scoring knives suitably held and facing the block, an endless driving support to which the sets of knives are connected whereby the continuous scoring of the block is effected, and a rotatable disc or wheel provided with recesses through which the sets of knives are designed to project, and intermediate slicing knives designed to follow the scoring knives to separate the scored portions, as and for the purpose specified. 3rd. In combination, the block holder, the scoring knives and knife holder, an endless sprocket chain, means for driving the same and a suitable connection between the knife holder and the chain whereby such holder and knives are held rigidly in proper relative position as they pass downwardly over the face of the block, as and for the purpose specified. 4th. In combination the block holder, the scoring knives and knife holder, endless sprocket chains, sprocket wheels upon which the endless sprocket chains are supported and driven, and guide-bars for the holder parallel to the faces of the block, as and for the purpose specified. 5th. In combination the block holder, the scoring knives and knife holders having forwardly extending grooved supports, endless sprocket chains pivotally connected to the sides of the holders, sprocket wheels upon which the endless sprocket chains are supported and driven, and the guide-bars parallel to the faces of the block upon which the grooved guiding supports are designed to have longitudinal movement, as and for the purpose specified. 6th. In combination the block holder, the scoring knives and knife holders having forwardly extending grooved supports, rearwardly extending bracing supports, endless sprocket chains pivotally connected to the sides of the holder, sprocket wheels upon which the endless sprocket chains are supported and driven, and the guide-bars parallel to the faces of the block upon which the grooved guiding supports are designed to have longitudinal movement, as and for the purpose specified. 7th. In combination the block holder, the scoring knives and knife holders having forwardly extending grooved supports, forwardly extending braces pivotally connected to the holder and the links of the chain, endless sprocket chains pivotally connected to the sides of the holder, sprocket wheels upon which the endless sprocket chains are supported and driven, and the guide-bars parallel to the faces of the block upon which the grooved guiding supports are designed to have longitudinal movement, as and for the purpose specified. 8th. In combination the scoring knives and knife holder, the endless sprocket chains, sprocket wheels M N N' suitably journaled and upon which the endless sprocket chains are supported and driven, guide-bars for the holder parallel to the faces of the block and an inwardly extending flexible strap connected to the holder and to a collar on the shaft of the main driving sprocket wheel, as and for the purpose specified. 9th. In combination the scoring knives and knife holder, the endless sprocket chains, sprocket wheels M N N' upon suitably journaled and upon which the endless sprocket chains are supported and driven, guide-bars for the holder parallel to the faces of the block, the shaft K to which the sprocket wheels M are secured, the bevel pinion J, bevel wheel I, and main driving shaft B, all arranged as and for the purpose specified.

No. 55,163. Stove Truck. (Camion pour poêles.)



William H. Neeb, Detroit, Michigan, U.S.A., 5th March, 1897; 6 years. (Filed 6th February, 1897.)

Claim.—1st. In a stove-truck, the combinations of the platforms B, and A, A', the levers C, C', part of said levers inclining in one direction and part in the other direction, and means for drawing together and separating the ends of said levers, substantially as and for the purpose described. 2nd. In a stove-truck the combination of the platforms, B, and A, A', the levers C, C', connecting said platforms, part of said levers inclining in one direction and part in the other direction, the platform A, A', being divided into two parts A, and A', the levers inclining in one direction being pivoted upon one of said parts, and the levers inclining in the other direction being on the other of said parts, and means for adjusting the distance apart, of the parts of the platform A, A', substantially as shown and described. 3rd. In a stove-truck the combination of the platforms B, and A, A', the levers C, C', connecting said platforms, part of said levers inclining in one direction and part in the other direction, the platform A, A', being divided into two parts, A, and A', the levers inclining in one direction being pivoted upon one of said parts, and the levers inclining in the other direction being on the other of said parts, a leading-screw connecting the parts A, and A', of the platform A, A', and the upwardly inclining shaft J, connected with said leading screw by a gimbal joint, substantially as and for the purpose described. 4th. The combination with the platform B, of the cranks n, n', pivoted to the said platform and adapted to turn in an approximately vertical plane, the upward