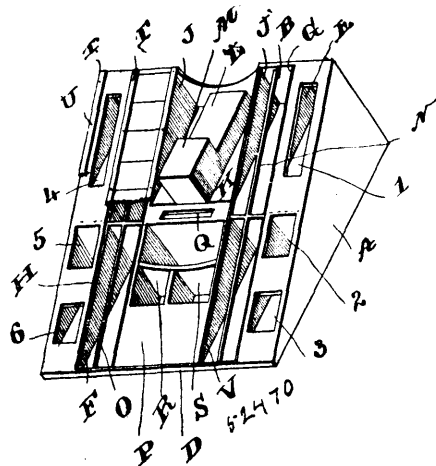


the purpose set forth. 48th. The combination with the carrier sections each having the three transverse bars adapted to receive the match sticks, and the front and rear bars made thinner than the middle one, the links attached to each section, each provided with an opening with convex rear side to engage the rear face of the front bar of the next section, substantially as and for the purpose described. 49th. In combination with the carrier sections each consisting of three bars of which the middle one is grooved to receive the match sticks on its front and rear sides, and the others are made thinner and correspondingly grooved, but only on their sides turned towards the middle bar and plates attached to and extending rearward from each section, having openings to allow the passage of the projecting ends of the rear bars of their respective section, and the front bar of the following one, and convex faces at the rear side of such openings, to engage the rear side of the latter bar, such bar drawing its upper and lower edges rounded off to allow rocking of the plates with relation to the bar, substantially as and for the purpose specified. 50th. A carrier for match sticks and the like, consisting of a series of sections having grooved bars to receive the sticks, and links connecting such sections, in combination with toothed wheels engaging the bars, so as to move the carrier along, means for giving such wheels a step-by-step movement sufficient to bring the series of grooves of the bars successively over a given point, and match stick supplying and feeding devices adapted to feed the sticks into the grooves of the bars, at such point, while the carrier is at rest between step-by-step advances, substantially as and for the purpose shown. 51st. In combination with a carrier having transverse series of match stick receiving grooves, and spring devices for holding the sticks in the grooves, the reciprocating opener, adapted to engage and force the spring holding devices back from the grooves, and means for reciprocating it to move it into and out of engagement with such devices, substantially as and for the purpose set forth. 52nd. In combination with a carrier having transverse series of match stick receiving grooves, and series of separate holding fingers to act with such grooves, the reciprocating head carrying a series of opening fingers to engage said spring fingers and force them away from the respective grooves, means for reciprocating said head, and means for feeding the sticks into the grooves, while the spring holding fingers are thus retracted, substantially as and for the purpose specified. 53rd. In combination with a carrier having transverse series of match stick receiving grooves, and spring holding devices to grip the sticks in such grooves, the reciprocating head carrying a series of opening fingers, to engage such spring holding devices and force them away from the grooves, such fingers being separated from each other so as to allow for the passage of the sticks up into the grooves, means for moving such head, and means for feeding the material for the sticks up into the grooves of the carrier, while the opener is down in operative position, substantially as and for the purpose specified. 54th. In combination with a carrier having a series of oppositely turned faces equi-distant from each other, provided with match stick receiving grooves, and spring holding devices, to hold the sticks in the grooves, means for moving the carrier with a step-by-step motion so as to bring the faces in which are the grooves, successively to a given line, the opener adapted to engage and press the spring holding devices back from the respective series of grooves, means for reciprocating such opener towards and from its operative position, and means for giving it alternately a slight forward and back motion with reference to the travel of the carrier before it moves to engage the spring holding devices, substantially as and for the purpose shown. 55th. In combination with a carrier having a series of oppositely turned faces equi-distant from each other, provided with match stick receiving grooves, and spring holding devices to hold the sticks in such grooves, means for giving the carrier a step-by-step movement equal to the distance between two of its adjacent faces, the reciprocating opener to engage and press the spring holding devices back from their respective grooves, having a head guided in plates, so as to move towards and from the plane of the carrier, means for reciprocating such head, and means for moving the plates in which the head is guided, forward and back with reference to the travel of the carrier, so that successive opening movements of the opener will be in different planes, to enable it to pass the successive grooved faces of the carrier, substantially as and for the purpose set forth. 56th. In combination with the carrier having a series of oppositely turned faces equi-distant from each other, provided with match stick receiving grooves, and spring holding devices to hold the sticks in the latter, means for giving the carrier a step-by-step movement equal to the distance between two of its adjacent faces, the reciprocating opener to engage and force back the spring holding devices from their respective grooves, having a head, plates with guides for such head, to guide it in its movements towards and from the carrier, means for reciprocating the head in such guides, and the cam mechanism connected with the guide plates, to move them alternately forward and back with relation to the travel of the carrier, substantially as and for the purpose described. 57th. In combination with the reciprocating opener head, the rock shaft, the arms thereon, and the links connecting the head with such arms, the plates having guides for the opposite ends of the head, the bars connected with such plates, the cams engaged by bearing devices on the bars, so as to move the latter and the plates in one direction at a right angle to the reciprocation of the head on such plates, springs to return the bars, and means for guiding the head in its movements with such bars, substantially as

and for the purpose specified. 58th. In a match making machine, in combination with the travelling carrier to receive and hold the match sticks, while being treated a discharging device to discharge the completed matches from the carrier, and a pusher, adapted to engage and push outward, before they reach the discharging device, the rear ends of the match sticks projecting beyond the rear or inner side of the carrier, substantially as and for the purpose shown. 59th. In a match making machine, in combination with the travelling carrier to receive and hold the match sticks, while being treated, a discharging device to discharge the completed matches from the carrier, and the reciprocating pusher plate moved towards, and from the carrier, at a point where it can engage and push forward the rear ends of the matches, before they come into position in front of the discharging device, substantially as and for the purpose set forth. 60th. In a match-making machine, in combination with the travelling carrier to receive and hold the match sticks while being treated, the reciprocating punches for discharging the completed matches from the carrier, and the reciprocating pusher plate, adapted to engage and push outward, into such position that they can pass with the motion of the carrier in front of the punches, the rear ends of any matches projecting beyond the carrier, substantially as and for the purpose described. 61st. In a match-making machine, in combination with the carrier to receive and hold the match sticks, while being treated, the reciprocating head carrying the discharging punches, means for actuating such head, and the pusher plate connected with the head so as to move with the same, arranged to engage the ends of match sticks projecting beyond the carrier, at a point before such sticks are brought to the punches by the movement of the carrier, substantially as and for the purpose specified.

No. 52,470. Advertising Cabinet. (Cabinet d'annonce.)



Charles H. Tebbets, Boston, and Martin J. Sauter, Greenfield, both in Massachusetts, U.S.A., 1st June, 1896; 6 years. (Filed 8th April, 1896.)

Claim.—1st. In an advertising cabinet for hotel counters, the combination of a body having a bottom piece, a rear wall, two side walls inclined towards the front, inclined braces extending from the rear walls to the front edges of said bottom piece, a shelf rigidly attached to the rear wall thereof, pockets between the said wall and inclined braces for the reception of removable compartments, suitable metallic cards inserted between said braces and rigid shelf and means for holding the same in position, substantially as and for the purposes set forth. 2nd. In an advertising cabinet for hotel counters, the combination of a body having a bottom piece, a rear wall, two inclined side walls, inclined braces extending from the rear walls to the front edge of said bottom piece, a shelf rigidly attached to the rear wall thereof, a removable compartment adapted to fit snugly between said shelf and the front edge of said bottom piece, the outer edges of which are provided with lips for the reception of metallic advertising cards and means for holding said advertising cards firmly in position, substantially as and for the purposes set forth. 3rd. In an advertising cabinet for hotel counters, the combination of a body having a bottom piece, a rear wall, two inclined side walls, inclined braces extending from the rear wall to the front edge of said bottom piece, said braces being provided with lips on both sides, a shelf rigidly attached to said rear wall having inclined sides, the outer edges of which are provided with lips, a compartment for the reception of letters and like articles, also provided with lips on its outer edges, pockets between said braces and said outer walls for the reception of removable compartments, metallic advertising cards capable of being inserted between said inclined braces and said rigid shelf, and between said solid compartment and said braces, an upright partition extending from the lower front edge of said shelf to both sides, and means for holding said compartments and advertising cards in position, substantially as and for the purposes set forth.