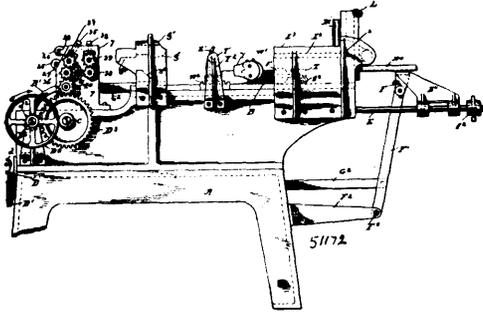


body blanks, the combination with the reciprocating feed mechanism for the sheet of metal, the cutting knives, the longitudinal recipro-



ating carriage which receives the sheet of metal from the feed mechanism, devices for operating the cutting knives with the movement of the carriage so as to trim the ends of the sheet, the slitting rolls which receive the sheet of metal after the ends have been cut and trim the sides and slit the sheet of metal into proper can body blanks, and the forming rolls which receive and form the can body blanks. 3rd. In a machine for cutting can body blanks, the combination with the reciprocating carriage, the cutting knives operated to cut the sheet of metal by the movement of such carriage, the reciprocating feed bed which receives the sheet of metal and places the same in line with the cutting knives, and the devices for slitting the sheet of metal into can body blanks. 4th. In a machine for cutting can body blanks, the combination with the feed mechanism for the sheet of metal, the mechanism for cutting the ends of the sheet, devices for forming a pocket at one end of the cut sheet of metal and a hook or flange at the opposite end which fits within the pocket when the can body is formed, and mechanism for slitting the cut sheet of metal into can body blanks. 5th. In a machine for cutting can body blanks, the combination with the open reciprocating carriage, the reciprocating feed mechanism for the sheets of metal, the cutting knives secured to the forward end of the reciprocating carriage, the fixed cutting knife secured within the reciprocating carriage, a swinging device carrying a cutting knife secured to and within the open portion of the reciprocating carriage which receives and holds the sheet of metal while the ends are being trimmed by the cutting knives, mechanism for throwing the swinging frame over during the movement of the reciprocating carriage, devices for forming a hook or flange at one end of the sheet of metal and a pocket at the opposite end of the sheet of metal during its movement through the machine, the slitting rolls for cutting the sheet of metal in a series of body blanks, and the forming rolls which receive the body blanks from the slitting rolls. 6th. In a can body blank cutting machine, the combination with the reciprocating carriage, the feed mechanism for supplying sheets of metal to the machine, the cutting knives located at the forward end of the reciprocating carriage, the swinging sheet-carrying frame secured to and carried by the reciprocating carriage, the cutting knife secured to the inner end of the swinging sheet-carrying frame, the fixed cutting knife secured within the reciprocating carriage with which the cutting knife of the swinging sheet-carrying frame registers as swung over, and devices for receiving the sheet of metal after the ends have been cut and slitting the same into can body blanks. 7th. In a can body blank cutting machine, the combination with the reciprocating carriage, the cutting knives, the feed mechanism for supplying sheets of metal to the machine, the swinging sheet-carrying frame secured to the reciprocating carriage, devices for throwing the swinging frame over during the movement of the reciprocating carriage, and mechanism for slitting the cut sheet of metal into can body blanks. 8th. In a can body blank cutting machine, the combination with the feed mechanism, the reciprocating carriage which receives the sheet of metal from the feed mechanism, a pair of cutting knives secured to the forward end of the reciprocating carriage, devices for operating said knives with the movement of the carriage, the presser bar secured to and carried by the carriage for holding the sheet of metal while being cut, devices for raising and lowering the presser bar during the movement of the reciprocating carriage, the fixed cutting knife secured to the said carriage, the swinging sheet-carrying frame and devices for throwing the swinging sheet-carrying frame over during the movement of the reciprocating carriage. 9th. In a can body blank cutting machine, the combination with the reciprocating carriage provided with knives for cutting the ends of the sheet of metal during the reciprocal movement thereof, of the rolls for receiving the cut sheet of metal and slitting the same into can body blanks. 10th. In a machine for cutting can body blanks, the combination with the feed mechanism for the sheet of metal, the reciprocating carriage for receiving the sheet of metal from the feed mechanism, the cutting knives secured to and carried by the reciprocating carriage, the swinging frame secured to and carried by the said carriage, the presser bar for holding the sheet of metal while being cut, devices for raising and lowering the presser bar, mechanism for throwing and swinging the sheet-carrying frame over after the outer end of the sheet has been cut in order that the inner end may be cut, and mechanism for receiving the cut sheet of metal and

slitting the same into can body blanks. 11th. In a machine for cutting can body blanks, the combination with the reciprocating carriage, the cutting knives secured to and carried thereby and actuated during the movement of the carriage, the devices for forming a hook or flange at one cut end and a pocket at the opposite cut end adapted to receive the hook or flange, mechanism for slitting the cut sheet of metal into can body blanks and the forming rolls which receive the cut blanks from the slitting mechanism and forms the side groove therein and discharge the can body blanks from the machine. 12th. In a machine for cutting the can body blanks, the combination with the reciprocating carriage provided with cutting knives, the swinging sheet-carrying frame secured to and carried thereby, devices for throwing the said swinging sheet-carrying frame over during the movement of the reciprocating carriage, the presser bar for holding the sheet of metal while being cut, and mechanism for receiving the cut sheet of metal and slitting the same into body blanks. 13th. In a machine for cutting can body blanks, the combination with the reciprocating carriage provided with cutting knives, the swinging sheet-carrying frame for receiving and holding the sheet of metal while being cut, and devices for throwing the swinging frame over during the movement of the reciprocating carriage. 14th. In a machine for cutting can body blanks, the combination with the reciprocating carriage which receives the sheet of metal, the cutting knives secured to and carried thereby and devices for operating the cutting knives during the travel of the reciprocating carriage. 15th. In a machine for cutting can body blanks, the combination with the reciprocating carriage, the cutting knives secured to and operated by the movement of the carriage, devices for forming a hook or flange at the end of the sheet of metal after being cut by the first set of cutting knives, the swinging sheet-carrying frame for receiving the sheet of metal and holding the same while being cut, devices for throwing the swinging sheet-carrying frame over after the outer end of the sheet of metal has been cut, so as to cut the opposite end of the sheet as thrown over, the dies for forming a groove or pocket in the last cut end of the sheet after the sheet-carrying frame has been thrown over, the sliding cross-head working within the swinging sheet-carrying frame, devices for moving the cross-head in and out of the swinging sheet-carrying frame as swung over, the rolls for receiving and slitting the cut sheet of metal into can body blanks, and the forming rolls which receive the can body blanks from the slitting rolls and from side grooves in the blanks as passed there-through. 16th. In a can body blank cutting machine, the combination with the slitting rolls, of the forming rolls which receive the can body blanks and form side grooves therein for holding the ends of the can while the body blank is rolled therearound. 17th. In a machine for cutting can body blanks, the combination of mechanism for receiving sheets of metal and cutting the ends thereof, devices for forming a hook or flange at one end of the cut sheet and a pocket at the opposite end, mechanism for slitting the cut sheet of metal into can bodies, and devices for forming a side groove in the cut body blanks. 18th. In a machine for cutting can body blanks, the combination with the reciprocating feed bed for the sheet metal, of the longitudinally reciprocating mechanism for receiving the sheet of metal from the feed bed and cutting the end thereof, and devices for slitting the cut sheet of metal and discharging the sheet from the machine cut into a number of body blanks. 19th. In a machine for cutting can body blanks, the combination with the feed mechanism for the sheet metal, the reciprocating carriage provided with cutting knives, the swinging sheet-carrying frame, devices for throwing the swinging frame with the movement of the carriage, the sliding cross-head working in and out of the swinging sheet-carrying frame, and devices for moving the cross-head in and out as the swinging sheet-carrying frame is swung back and forth. 20th. In a can body blank cutting machine, the combination with the forming rolls, the guide rolls and movable mechanism for receiving and automatically extracting the formed body blanks from the guide rolls, and removing the same from the machine. 21st. In a can body blank cutting machine, the combination with the extracting jaws, the vertically movable lift plate for placing the can body blanks within the extracting jaws, mechanism for moving the extracting jaws in and out, and a device for opening the extracting jaws as moved outward in order to permit the can body blanks to move from within the said jaws. 22nd. In a can body blank cutting machine, the combination with the extracting mechanism for the body blanks, of the vertically movable lift plate, mechanism for raising and lowering the same, the plunger rod located above the lift plate, the hinged jaws secured upon the plunger rod which receives the body blanks from the lift plate, mechanism for throwing the plunger rod in and out, and a device for opening the hinged jaws as the plunger rod is moved outward in order that the can body blanks may drop therefrom. 23rd. In a can body blank cutting machine, the combination with the mechanism for cutting the ends of the sheet of metal as passed through the machine, and forming a hook or flange at one of the cut ends, and a pocket at the opposite end to receive the hook or flange, and devices for slitting the cut sheet into can body blanks.

**No. 51,173. Receptacles for Holding Coupons, etc.**

(*Receptacle pour coupons, etc.*)

Uriah G. Beck, and Warren F. Beck, both of Almira, New York, U.S.A., 1st February, 1896; 6 years. (Filed 7th November, 1895.)