

wire length to the blank in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the blank may be cut upon the opening line by pulling upon the wire, substantially as described. 12th. In a machine for providing blanks with wire openers, the combination of means for feeding a strand of wire, means for cutting therefrom a suitable length to form an opener for the package in the making of which the blank is to be used, and means for mechanically attaching the ends of the wire length to the blank in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the wire shall be held to the blank against the pull required to use the wire to open the package, substantially as described. 13th. In a machine for providing blanks with wire openers, the combination of means for feeding a strand of wire, means for cutting therefrom a suitable length to form an opener for the package in the making of which the blank is to be used, means for bending an end of the wire length, means for inserting the bent end into the blank with the body portion of the wire length extending along the inside thereof on the intended opening line, and means for securing the last-mentioned end to the blank in such manner as to hold the wire against the pull required to use the wire to open the package, substantially as described. 14th. In a machine for providing blanks with wire openers, the combination of means for feeding a strand of wire, means for cutting therefrom a suitable length to form an opener for the package in the making of which the blank is to be used, means for bending the ends of the wire length, means for inserting the bent ends into the blank with the body portion of the wire length lying along the inside thereof on the intended opening line, and means for securing one at least of the last-mentioned ends to the blank in such manner as to hold the wire against the pull required to use the wire to open the package, substantially as described. 15th. In a machine for providing blanks with wire openers, the combination of means for feeding a strand of wire means for cutting therefrom a suitable length to form an opener for the package in the making of which the blank is to be used, means for bending the ends of wire length, means for inserting the bent ends into the blank with the body portion of the wire length lying along the inside thereof on the intended opening line, and means for securing the last mentioned ends to the blank in such a manner as to hold the wire against the pull required to use the wire to open the package, substantially as described. 16th. The combination of means for feeding a series of blanks, means for feeding a strand of wire, means for cutting suitable lengths therefrom to form openers for the packages in the making of which the blanks are to be used, means for presenting the wire lengths to the blanks one of each to one of the other respectively as the blanks are fed forward, and means for mechanically attaching each wire length to each blank respectively in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the blank may be cut upon the opening line by pulling upon the wire, substantially as described. 17th. The combination of means for feeding a series of blanks, means for feeding a strand of wire, means for cutting suitable lengths therefrom to form openers for the packages in the making of which the blanks are to be used, means for presenting the wire lengths to the blanks, one of each to one of the other respectively as the blanks are fed forward, and means for mechanically attaching both ends of each wire length to each blank respectively in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the wire shall be held to the blank against the pull required to use the wire to open the package, substantially as described. 18th. The combination of means for feeding a series of blanks, means for feeding a strand of wire, means for cutting suitable lengths therefrom to form openers for the packages in the making of which the blanks are to be used, means for bending an end of each wire length, means for inserting the bent end into the blank with the body portion of the wire length extending along the inside thereof on the intended opening line, and means for securing the last-mentioned end to the blank in such manner as to hold the wire against the pull required to use the wire to open the package, substantially as described. 19th. The combination of means for feeding a series of blanks, means for feeding a strand of wire, means for cutting suitable lengths therefrom to form openers for the packages in the making of which the blanks are to be used, means for bending the ends of each wire length, means for inserting the bent ends into the blank with the body portion of the wire length extending along the inside thereof on the intended opening line, and means for securing one at least of the last-mentioned ends to the blank in such manner as to hold the wire against the pull required to use the wire to open the package, substantially as described. 20th. The combination of means for feeding a series of blanks, means for feeding a strand of wire, means for cutting suitable lengths therefrom to form openers for the packages in the making of which the blanks are to be used, means for bending the ends of each wire length, means for inserting the bent ends into the blank with the body portion of the wire length extending along the inside thereof on the intended opening line, and means for securing the ends to the blank in such manner as to hold the wire against the pull required to use the wire to open the package, substantially as described. 21st. The combination with mechanism for mechanically attaching a wire opener to a

blank, of mechanism for folding said blank to form an envelope or other receptacle, and mechanism for advancing the blank from the first to the second of the mechanism mentioned, substantially as described. 22nd. The combination of means for presenting to a blank a piece of wire of such length and gauge as may be suitable to form an opener for the package in the making of which the blank is to be used, means for mechanically attaching the wire length to the blank in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the blank may be cut upon the opening line by pulling upon the wire mechanism for folding the blank to form an envelope or other receptacle, and means for advancing the blank from the wiring to the folding mechanism, substantially as described. 23rd. The combination of means for presenting to a blank a piece of wire of such length and gauge as may be suitable to form an opener for the package in the making of which the blank is to be used, means for mechanically attaching both ends of the wire length to the blank in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the wire shall be held to the blank against the pull required to use the wire to open the package, mechanism for folding the blank to form an envelope or other receptacle, and means for advancing the blank from the wiring to the folding mechanism, substantially as described. 24th. The combination of means for presenting to a blank a piece of wire of such length and gauge as may be suitable to form an opener for the package in the making of which the blank is to be used, means for mechanically attaching the wire length to the blank in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the blank may be cut upon the opening line by pulling upon the wire mechanism for folding the blank about the wire so that the body of the wire shall lie inside the fold, and means for advancing the blank from the wiring to the folding mechanism, substantially as described. 25th. The combination of means for applying adhesive material to a blank, means for mechanically attaching a wire opener to the same, and means for folding the wire blank to form an envelope or other receptacle, substantially as described. 26th. The combination of mechanism for applying adhesive material to a blank, mechanism for mechanically attaching a wire opener to the same, mechanism for folding the wire blank to form an envelope or other receptacle, and means for advancing the blank from the first to the second and from the second to the third of the mechanisms mentioned, substantially as described. 27th. The combination of the means for applying adhesive material to a blank, means for advancing the blank to a wiring mechanism, means for presenting to the blank a piece of wire of such length and gauge as may be suitable to form an opener for the package in the making of which the blank is to be used, means for mechanically attaching the wire length to the blank in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the blank may be cut upon the opening line by pulling upon the wire and mechanism for folding the blank to form an envelope or other receptacle, substantially as described. 28th. The combination of means for applying adhesive material to a blank, means for advancing the blank to a wiring mechanism, means for presenting to the blank a piece of wire of such length and gauge as may be suitable to form an opener for the package in the making of which the blank is to be used, means for mechanically attaching the wire length to the blank in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the blank may be cut upon the opening line by pulling upon the wire and mechanism for folding the blank to form an envelope or other receptacle, and means for advancing the blank from the wiring to the folding mechanism, substantially as described. 29th. The combination of means for applying adhesive material to a blank, means for advancing the blank to a wiring mechanism, means for presenting to the blank a piece of wire of such length and gauge as may be suitable to form an opener for the package in the making of which the blank is to be used, means for mechanically attaching the wire length to the blank in such manner that the body portion of the wire length when applied to the blank shall lie along the inside thereof on the intended opening line and that the blank may be cut upon the opening line by pulling upon the wire and means for folding the blank about the wire length so that the body of the wire length shall lie within the fold, substantially as described. 30th. The combination of means for presenting to material to be wired a piece of wire having an end thereof bent to form a leg and for forcing the leg through the material, with means for forcing the leg through the material a second time and in the reverse direction, substantially as described. 31st. The combination of means for presenting to material to be wired a piece of wire having an end thereof bent to form a leg and for forcing the leg through the material, with means for bending the leg which has been forced through the material, and means for forcing it through the material a second time and in the reverse direction, substantially as described. 32nd. The combination of means for presenting to material to be wired a piece of wire having an end thereof bent to form a leg and for forcing the leg through the material with means for forcing the leg through the material a second time and in the reverse direction, and means for clinching the leg, substantially as described. 33rd. The com-