

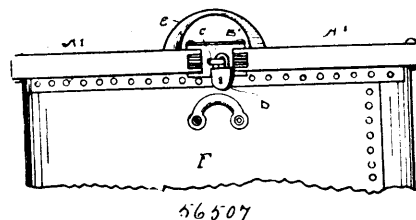
jaws of said gripper together, and a hand lever for separating said jaws to release the work when the jaws are clamped together. 23rd. In a sewing machine, for lasting boots and shoes, the combination with the stitching mechanism, and a pincher for the upper, of means for feeding the work laterally, and a knife movable independently of the pinchers. 24th. In a sewing machine for lasting boots and shoes, the combination with the stitching mechanism, and a pincher for the upper, of means for feeding the work laterally, a movable knife, and means independent of the pincher for moving the knife to engage and cut the upper. 25th. In a sewing machine for lasting boots and shoes, the combination with a stitch-forming mechanism, and a pincher for the upper, of a knife movable relatively to said pincher to cut the edge of the upper, and means for moving said knife when the pincher has engaged the upper. 26th. In a sewing machine for lasting boots and shoes, the combination with a stitch-forming mechanism, of a movable knife, and means movable independently of said knife for drawing the upper taut over the last prior to the movement of the knife. 27th. In a sewing machine for lasting boots and shoes, the combination with a stitch-forming mechanism, and a gripper for the insole, of a movable knife, and means for moving said knife to engage and cut the upper. 28th. In a sewing machine for lasting boots and shoes, in combination, a stitching mechanism, an automatically movable knife for slashing the edges of the upper, and means for throwing said knife into and out of action while the stitching mechanism is operating. 29th. In a sewing machine for lasting boots and shoes, in combination, a stitching mechanism, an automatically movable knife for slashing the edges of the upper, and means under the control of the operator for throwing said knife into and out of operation at will while the stitching mechanism is operating. 30th. In a sewing machine for lasting boots and shoes, in combination, a stitching mechanism, an automatically movable knife for slashing the edges of the upper, power devices for operating said knife, and means under the control of the operator for disconnecting the power devices from the knife. 31st. In a sewing machine for lasting boots and shoes, in combination, a stitching mechanism, an automatically movable knife for slashing the edges of the upper, an automatically acting pincher for the upper relatively to which the knife moves, and an adjustable slide upon which the pincher and the knife are supported. 32nd. In a sewing machine for lasting boots and shoes, in combination, a needle, an oscillatory needle carrier, means for laterally vibrating said needle carrier, and a needle strengthener relatively to which said needle is movable, and which acts to brace the needle in its lateral movements. 33rd. In a sewing machine for lasting boots and shoes, in combination, a needle, means for oscillating said needle, a looper, and means for positively moving said looper entirely around the needle. 34th. In a sewing machine for lasting boots and shoes, in combination, a needle, means for oscillating said needle, a looper, means for positively moving said looper vertically, and means for positively moving said looper laterally, whereby it is moved positively entirely around the needle. 35th. In a sewing machine for lasting boots and shoes, in combination, a needle, means for oscillating said needle, a looper, a pivoted bar to which the looper is secured, means for reciprocating said bar longitudinally, and means for oscillating said bar about its pivot. 36th. In a sewing machine for lasting boots and shoes, in combination, a needle, means for oscillating said needle, a looper, a pivoted bar to which the looper is secured, a lever for reciprocating said bar longitudinally, and a rock-shaft for oscillating said bar about its pivot. 37th. In a sewing machine for lasting boots and shoes, a needle carrier, a needle, means actuated from the power shaft for oscillating said needle carrier, and means actuated from the power shaft for laterally vibrating said needle carrier. 38th. In a sewing machine for lasting boots and shoes, a needle carrier, a needle, a stationary sleeve mounted on a portion of the frame of the machine, and on which the needle carrier is pivoted, means for oscillating said needle carrier, and a longitudinally movable bar mounted in said sleeve for vibrating said needle carrier laterally. 39th. In a sewing machine for lasting boots and shoes, in combination, a needle, a pincher for the upper, means for moving one of said parts laterally while the other is stationary to feed the work, and means for varying the movement of said part. 40th. In a sewing machine for lasting boots and shoes, in combination, a needle, means for clamping the work, means for moving the needle laterally to feed the work, and means for varying the lateral movement of said needle.

#### No. 56,507. Mail Pouch or Bag. (Malle.)

Homer L. Boyie, Kalamazoo, Michigan, U.S.A., 6th July, 1897; 6 years. (Filed 21st April, 1897.)

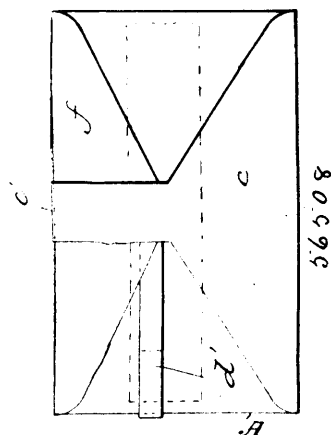
*Claim.*—1st. A sectional flexible mouthpiece or closure for mail bags and the like, the sections of which are pivotally connected together end to end and adapted when spread apart to form an opening of large area, the sections upon one side of the mouth of the bag being adapted to close into the opposing sections so as to arrange themselves in the same longitudinal plane therewith, with the pivots of the intermediate section upon one side in the same vertical plane with the pivots of the intermediate plate of the opposing sections, whereby the closure may flex or yield at the joints toward either the right or left, and may be compactly folded in either direction, substantially as described. 2nd. A flexible mouthpiece or closure for mail bags and the like, comprising for each side of the mouthpiece

three pivotally connected plates or sections, those upon one side being adapted to fit into the opposing sections so as to be arranged



in the same longitudinal plane with the pivots connecting the intermediate and end sections in the same vertical plane, whereby the closure may flex or yield at the joints both right and left and may be compactly folded in either direction, substantially as described. 3rd. A mouthpiece or closure for mail bags and the like, comprising for each side of the bag three pivotally connected plates or sections, two of which are longer than the intermediate section to which they are pivoted at their inner ends, the outer ends of the longer sections being pivoted to the outer ends of corresponding opposing sections and the intermediate shorter sections being arranged diametrically opposite each other; the pivots uniting the longer and shorter sections upon one side being so arranged that when the mouthpiece is closed the pivots of both intermediate sections will be coincident with each other at the joints to permit the closure to flex either to the right or to the left and to be compactly folded in either direction, substantially as described. 4th. A mouthpiece or closure for mail bags comprising, for each side of the bag, a pair of channelled or U-shaped plates pivotally connected at their inner ends to a short similar sections and having their outer ends pivoted to the outer ends of the longer plates of similar opposing sections, the plates upon one side being larger than those upon the other and arranged so that when closed the smaller plates may fit snugly within the concavities of the larger ones, with the pivots of the intermediate smaller plate fitting between the pivots of the larger intermediate plate and coincident therewith, substantially as described. 5th. A mouthpiece or closure for mail bags and the like, comprising for each side of the bag, a series of pivotally connected plates or sections having pendent flanges to which the upper edges of the mail bag or pouch may be secured; said plates being adapted when closed to fit one into the other so that the contiguous edges of the mail sack may be brought in close contact between the flanges of opposing plates; the pivots of the intermediate section upon one side of the sack being coincident with the pivots of the corresponding opposing sections when closed, so as to permit flexure in opposite directions, substantially as described.

#### No. 56,508. Envelope. (Enveloppe.)



James Boutilier and Daniel Gillis, both of Little Glace Bay, Nova Scotia, Canada, 6th July, 1897; 6 years. (Filed 23rd April, 1897.)

*Claim.*—An envelope provided with a straight band projecting from one of its side flaps and a T-shaped band projecting from its upper flap, substantially as set forth.