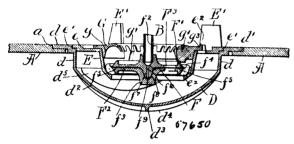
and relative distance apart is maintained, and rolling the device (carrier and wires) over the pattern sheet for the purpose of transferring thereto the outlines of a piece required to form said garment section, substantially as described. 4th. The compound carrier for marking the lines of shoulder, breast and saye, consisting of the carrier substantially as set forth, and a saye wire carrier mounted on the main trammel, and having universal adjustments, substantially as decribed. 5th. A carrier for mould wires consisting of a telescopic stem terminating in claws, and radiating from sliders on a trammel, substantially as and for the purposes described. 6th. A carrier for mould wires consisting of a telescopic bar, having at its ends universal motion pieces, from which radiate telescopic stems terminating in claws, substantially as and for the purposes described. 7th. A method of obtaining a pattern of a section of a garment, consisting in moulding wires to the edges of said section, setting a sensitive sheet of paper over said wires in situ, and causing an electric current to pass and by electrolyzing the substance with which the paper is sensitized and so causing it to change its colour, marking on said paper the counterpart of the pattern outlined by said mould wires, substantially as described.

No. 57,650. Oil Burner. (Bruleur d'huile.)



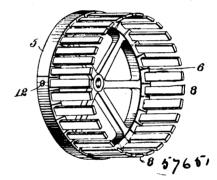
Almon H. Calkins, Evanston, Illinois, U.S.A., 2nd October, 1897: 6 years. (Filed 28th August, 1897.)

Claim.—1st. A burner for the top of a stove, comprising a circular casing adapted to rest in the hole of a stove top, and two horizon-tally arranged circular burner plates located within said casing, at the centre of which the fuel is supplied and at the margins of which it is burned, said casing being provided with an air inlet opening located centrally above said burner plates, and an exit opening located centrally below said plates, said exit opening being formed by means of an in-turned flange located below the level of said burner plates and formed on the lower edge of the side wall of said other places and formed on the lower edge of the side wall of the casing, said flange being adapted to deflect the flame from the margin of the burner plates inwa dly beneath and in contact with the same, substantially as described. 2nd. A burner for liquid fuel comprising two horizontally arranged circular burner plates, the lowermost of said plates being provided with a central depending hub or projection made hollow or provided with a recess or depression, and the uppermost of said plates being provided with a depending hub or projection fitting the central recess of the lower plate, and an oil supply pipe communicating with said central recess through the upper plate, substantially as described. 3rd. A burner for liquid fuel comprising horizontally arranged burner plates, a circular casing surrounding said burner plates and having an in-turned deflecting flange at its lower edge, and air openings extending through the burner plates whereby a part of the air supplied to the burner will pass through the said plates and meet the flame deflected by the flange below the burner plates, substantially as described.

4th. A burner for liquid fuel comprising horizontally arranged burner plates, a casing surrounding the same and having side walls which terminate at their lower margins in an in-turned deflecting flange, a deflecting plate located over the top of said casing and provided with a central inlet opening whereby air supplied to the burner vided with a central inlet opening whereby air supplied to the burner is directed against the upper surface thereof, and air openings in said burner plates, substantially as described. 5th. A burner for liquid fuel comprising circular burner plates, a casing surrounding the burner plates, the lowermost of said plates being provided with marginal projections or lugs engaging the casing, a deflecting plate provided with a central inlet opening and located over said burner plate, means for locking the said deflecting plate in place upon the said casing, and depending lugs on the said deflecting plate engaging the burner plates to hold the latter in place substantially as dethe burner plates to hold the latter in place, substantially as described. 6th. The combination with a burner for liquid fuel having a central exit for flame at its bottom, of a casing enclosing said burner at the sides and bottom and provided with a lateral aperture for the exit of the flame from the burner, said casing having rotatable engagement with the burner whereby the opening may be turned in any direction desired, substantially as described. 7th. The combination with a burner for liquid fuel having an exit opening for flame at its bottom, of an outer casing enclosing said burner at the sides and bottom thereof with an exit opening for the products of combustion, said casing having a circular bearing surface in contact with the burner whereby it is adapted to be turned within the stove top opening so as to direct the flame from the burner in any desired direction, substantially as described. 8th. The combination with a burner for liquid fuel comprising circular, horizontally arranged

burner plates and a casing for the same provided with an air inlet at its top and an exit opening at its bottom, and having a circular supporting flange, of an outer casing enclosing said burner and its sides and bottom, and constructed at its upper edges to receive the supporting flange of the burner casing and having an outwardly extending supporting flange to engage a stove top, said casing being provided at one side thereof with an exit opening for the products of combustion, substantially as described. 9th. As a means of attaching a horizontal pipe to a stove top, a tubular part provided with clamping devices by which it may be secured to the stove top and a second part having a pivotal connection with the tubular part and having at its upper end a transverse passage adapted to receive a pipe, and a wedge for holding the pipe within said passage, which wedge is provided with an integral ring which surrounds the pipe to main-10th. As a means of attaching a horizontal pipe to a stove top, a tubular part provided with clamping devices by which it may be secured to the stove top and a second part having a pivotal connection with the tubular part and having at its upper end a transverse passage adapted to receive a pipe, and a wedge for holding the pipe within said passage, which wedge is provided with an integral ring which surrounds the pipe to maintain the wedge in operative position, said pivotal connection of the second part with the tubular part embracing a cylindric stem on the second part engaging a part embracing a cylindric stem on the second part engaging a socket on the tubular part, and a set screw passing through said socket and engaging said stem to hold the parts in adjustable relation, substantially as described. 11th. The combination with a burner for liquid fuel adapted to be placed within a hole in the top of a stove, of a casing enclosing said burner at the sides and bottom and provided with a lateral aperture for the exit of flame arranged to direct said flame towards a desired point within the stove, substantially as described.

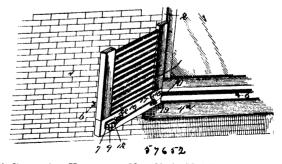
No. 57,651. Wheel Tread. (Faux-bandage de roues.)



Henry Tudor, Boston, Massachusetts, U.S.A., 2nd October, 1897 ; $_6$ years. (Filed 15th September, 1897.)

Claim. – In a wheel tread, of the nature herein described, the combination with a flexible strip having segmental sections bent at angles to its edges and furnished with openings, of a series of arms closely fitting said openings and extending laterally therefrom, and means for securing the arms in place. 2nd. The combination with the strip 5 having the sections 6-6 turned up therefrom and furnished with the openings 7-7, of the arms 8-8 secured in the openings 7-7, and the bolts 9-9 for fastening the arms to the strip 5, as described.

No. 57,652. Blind Fastener. (Attache de persiennes.)



Philip Brown, jr., Haverstraw, New York, U.S.A., 2nd October, 1897; 6 years. (Filed 23rd September, 1897.)

Claim. – In a blind fastener, the combination of a latch lever designed to be pivotally mounted on a blind at the outer or free edge thereof and extend from opposite sides of the same to engage devices upon the sill and the side of the house to hold the blind in open and closed positions, said lever being provided at one side with spaced projections forming a stop, a spring secured to the lever between the projections and arranged to engage the blind, a pivoted dog