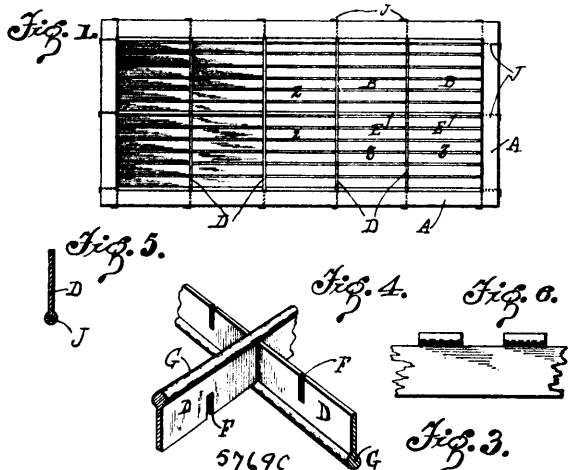


arately thereto, substantially as described. 18th. The combination at the electric transmitter, with a series of switch shifters and with the rotating shaft having circuit make-and-brake devices thereon, of a set of latches to engage with and hold said shifters depressed, the trip pawls carried thereby to encounter the rotating shaft and the "repeat" bar extended at will into the path of the trip pawls to detain the same from contact with said shaft, substantially as described. 19th. The combination with the individual finger-keys and with the type-bars operated therefrom, of the intermediate mechanism connecting said keys and type-bars and suitable means common to separate companion parts of said mechanism to throw the same in unison whereby said finger-keys and type bars are engaged or disengaged from action, substantially as described. 20th. The combination with the individual finger-keys and with the series of trippers to actuate the several type-bars, of the keeper common to said trippers, a leader to separately depress the universal-bar of the machine, and means to shift said keeper and separate lever in unison, substantially as described. 21st. The combination with the series of trippers for the type-bars and with the keeper common to said trippers, of the universal spacing bar for the machine, a separate lever to depress said universal bar, and suitable means intermediate the keeper and lever to shift the same in unison, substantially as described. 22nd. The combination with the individual finger-keys and with the switch shifters at the transmitter operated therefrom, of the intermediate mechanism connecting said keys and shifters and suitable means common to separate companion parts of said mechanism to throw the same in unison whereby said finger-keys and shifters are engaged or disengaged from action, substantially as described. 23rd. The combination with the individual finger-keys and with the corresponding type-bars actuated therefrom, of the series of upright reciprocating jacks interposed between said keys and bars and suitable means extended oppositely from said jacks and uniting the same with said keys and bars respectively, substantially as described. 24th. The combination with the individual finger-keys and with the corresponding type-bars actuated therefrom, of the series of upright reciprocating jacks located between them, the links pivotally joining said jacks and type-bars, and suitable means extended oppositely from said jacks to unite them to the finger-keys at practically uniform distances throughout, substantially as described. 25th. The combination with the individual finger-keys and with the corresponding type-bars arranged in basket-form and actuated from said keys, of the set of upright reciprocating jacks located intermediate said keys and bars, the links pivotally uniting said jacks with the type-bars and suitable devices extended oppositely from said jacks to unite them with the finger-keys, substantially as described. 26th. The combination with the key-levers and with the corresponding type-bars arranged in basket-form and actuated from said levers, of the set of upright reciprocating jacks located intermediate said keys and bars, the links pivotally uniting said jacks with the type-bars and the trippers extended oppositely from said jacks and united to the respective key-levers at practically uniform distances from the fulcrum thereof and the universal bar operated by said levers, substantially as described. 27th. The combination with the key-levers and with the corresponding type-bars arranged in basket-form and actuated from said levers, of the set of upright reciprocating jacks located intermediate said keys and bars, the links pivotally uniting said jacks with the type-bars and the trippers extended oppositely from said jacks and united to the respective key-levers at practically uniform distances from the fulcrum thereof, substantially as described.

No. 57,690. Method of Mounting Tiles.

(Méthode de monter les tuiles.)

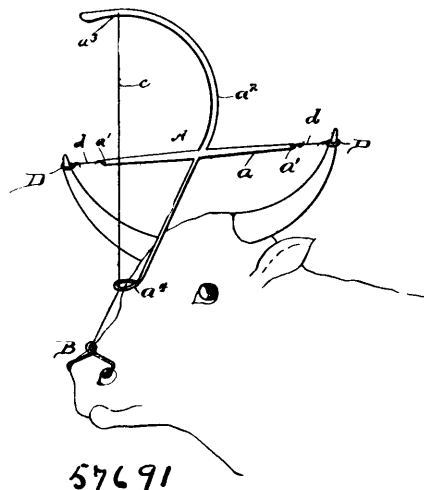


William H. Winslow, Chicago, Illinois, U.S.A., 6th October, 1897; 6 years. (Filed 13th July, 1897.)

Claim.—1st. A prism plate comprising a series of prism lights each having a receiving surface on one side and a prism surface on

the other, and a supporting net or frame composed of strips beaded on one edge, the beads on one set of strips being placed on the receiving side of the prism lights at an angle to the prisms, and the beads on the other set of strips placed on the prism side of the sections parallel to such prisms. 2nd. A plate comprising a series of substantially flat sections combined with a supporting net or frame consisting of strips beaded on one edge, the strips running in one direction having the beads on one side of the sections, and the strips running across the first-mentioned strips having their beads on the opposite sides of said sections, and the whole secured together substantially as shown and described.

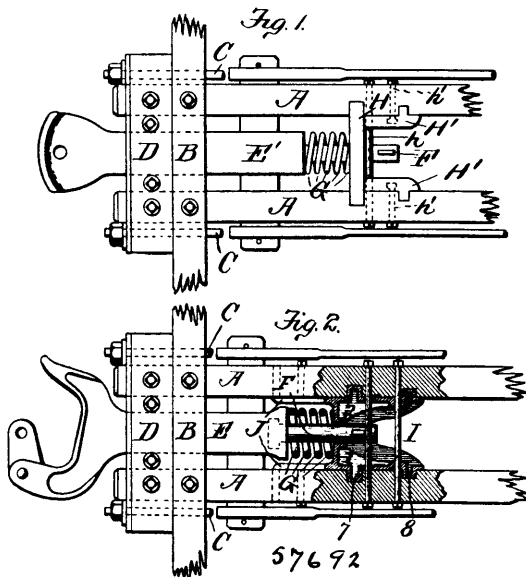
No. 57,691. Animal Poke. (Carcan.)



John H. Moore, Hye, Texas, U.S.A., 6th October, 1897; 6 years. (Filed 1st October, 1897.)

Claim.—In an animal-poke and safety device for horned cattle, the combination of the short horizontal arm adapted to be pivotally connected to the horns, the upright forwardly curved arm rigidly secured to said horizontal arm, the wire or wires secured near the upper end of said curved arm, and engaging the lower end of said curved arm, and passing thence to a nose ring to which it is detachably connected, said wire being in front of the horns to prevent goring.

No. 57,692. Draft Lug. (Oreilles de barre d'attelage.)



The Western Railway Equipment Company, assignee of Andrew G. Steinbrenner, all of St. Louis, Missouri, U.S.A., 6th October, 1897; 6 years. (Filed 18th September, 1897.)

Claim.—1st. The combination, with draft timbers which are formed with recesses for a follower-plate and lugs, of a casting formed with an opening for the tail-bolt, the front wall of said