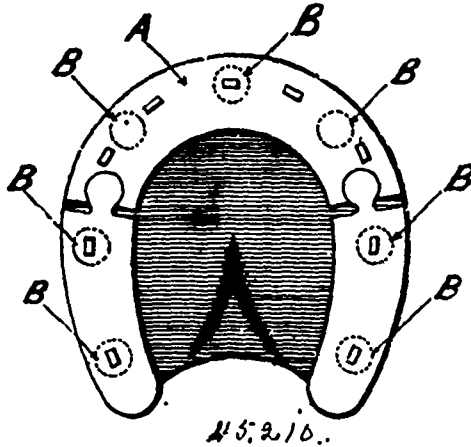


extending diagonally through the said projections, so that the two pins of the draw-heads to be coupled cross each other, and means substantially as described, for manipulating the said coupling pins, as set forth.

**No. 45,210. Shoe for Hoofed Animals.**

(*Fer pour chevaux, mulets, etc.*)

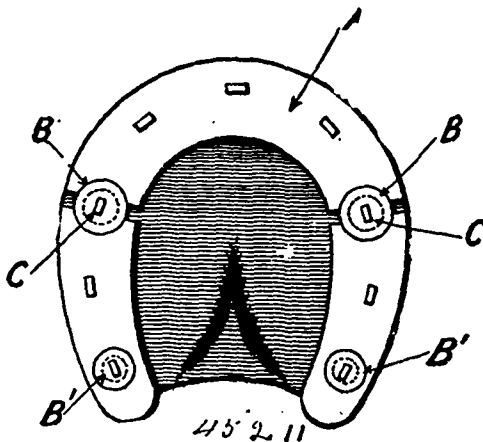


The Mail Horse-shoe Syndicate, assignee of Mary Emily Poupard, all of London, England, 1st February, 1894; 6 years.

**Claim.**—1st. In combination with a shoe of any description for horses or other hoofed animals, a projecting stud upon the inner tread of the shoe, consisting of a crater-like ridge surrounding an internal hollow affording easy entry into the hoof by slight pressure, a gentle blow or other means and embracing firmly a portion of the hoof within the said hollow or crater. 2nd. A circular crater-like projection, with an upper surrounding ridge or sharp edge, adapted upon or inserted into a shoe for a horse or other hoofed animal. 3rd. In a crater-like stud of circular form with upper surrounding ridge or sharp edge adapted to the inner tread of a shoe for horses or other hoofed animals, a coned body to said stud, and a nail or screw passing therethrough, substantially as described.

**No. 45,211. Shoe for Hoofed Animals.**

(*Fer pour chevaux, mulets, etc.*)



The Mail Horse-shoe Syndicate, assignee of Mary Emily Poupard, all of London, England, 1st February, 1894; 6 years.

**Claim.**—1st. The combination with a segmental shoe for horses or other hoofed animals, of plugs inserted in recesses between the adjoining ends of segments, a nail or screw passing therethrough or the end of the plug screwed and adapted by their conical or shouldered form to keep up the segments to the hoof, and by their circular form to admit of pivotal movement of segments about them. 2nd. In a segmental shoe, a coned or shouldered plug, fitting an equivalent recess in the shoe, a nail or screw through the axis thereof, or the end of the plug screwed and a crater-like recess with surrounding or sharp periphery at the end thereof, entering the substance of the hoof.

**No. 45,212. Fastener for Tires.**

(*Lien de bandes de roue.*)

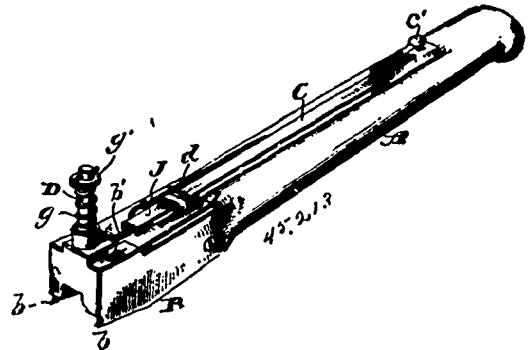


The pneumatic Tire and Cycle Company, assignee of Alfred Coningsby, all of Brooklyn, New York, U.S.A., 2nd February, 1893; 6 years.

**Claim.**—1st. The combination with the wheel rim, of tire fastening wires extending along the exterior of the rim and provided with bent portions extending inwardly through the rim and a wire tightening device, comprising a movable piece engaged with the bent portions of the wires at the inner side of the rim, and means for moving the said movable piece away from the inner face of the rim to tighten the wires, substantially as set forth. 2nd. The combination with the rim of the wheel, of tire fastening wires extending along the outer face of the rim, and provided with bent portions extending through the rim, and a wire-tightening device, comprising a travelling nut, engaged with the bent portions of the wires at the inner side of the rim, and a screw engaged with the nut and having a bearing against the inner face of the rim, substantially as set forth.

**No. 45,213. Carpet Stretcher and Tacker.**

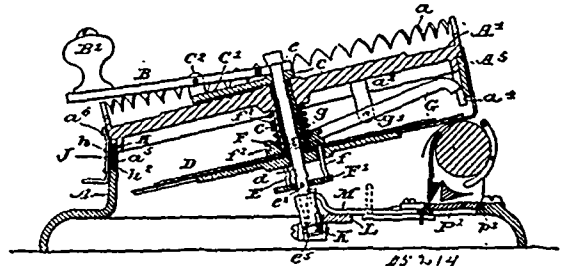
(*Tendeur de tapis et chasse-broquette.*)



John H. Nicholls, Fletcher Barton, and Isaac L. Barton, all three of Davenport, assignees of George W. Ansley, Medical Lake, all of Washington, U.S.A., 2nd February, 1894; 6 years.

**Claim.**—1st. In combination with the part having the guide stay, a driver having a recess in its under side to receive a tack head, and guides carried by it leading from said guide-way, substantially as shown and described. 2nd. In combination with a driver, having a guide-way leading to it, and a reciprocable tube covering said guide-way and slotted on its under side. 3rd. In combination with the driver, the coiled spring encircling the same, and the hollow boss receiving one end of the spring, substantially as shown and described. 4th. In combination, the handle A, the open bottom part B, the guide-way in said parts, the feed parts, the feed device co-operating therewith, the driver, having guiding extensions on its lower end leading to the recess to receive the tack head, the lugs on the driver engaging grooves in the side of the part B, the notch in the outer end of said part, and the spurs on the lower front corners of said part, substantially as shown and described, and for the purpose specified.

**No. 45,214. Type Writer. (Clavigraphie.)**



The Liberty Manufacturing Company, assignee of James E. Wilson, all of the City of New York, U.S.A., 2nd February, 1894; 6 years.

**Claim.**—1st. A type writer comprising a drum or frame having a dial mounted on its face, a printing roller arranged adjacent to the