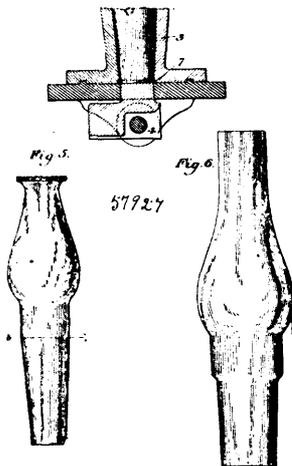
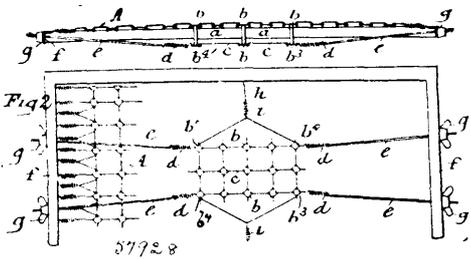


for blowing hollow glass articles, having at the end portion a peripheral groove opening into the mould cavity for squaring the end of



the article blown therein, and having a movable bottom plate or block. 5th. A mould for forming hollow glass articles having bottoms, said mould having a movable bottom, and means for moving said bottom upwardly during the blowing, to square up the bottom of the article. 6th. The method of forming hollow glass articles having bottoms, consisting in blowing the same and moving the bottom of the article upward during the blowing, to square up the same. 7th. The method of forming hollow glass articles having bottoms, consisting in blowing the same, rotating the article to shape it exteriorly, and moving the bottom of the article upwardly during the blowing, to square up the same.

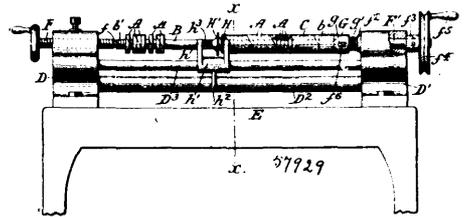
No. 57,928. Mattress of Steel Wire. (Matelas en fil d'acier.)



Theodor Wilhelm Svane, Faestningen, Christiania, Norway, 2nd November, 1897; 6 years. (Filed 20th October, 1897.)

Claim.—1st. A support for spring mattresses, stretchers or the like, consisting of a number of vertical bars or supports, the upper ends of which are connected with the mattress, and the lower ends of which are connected together and are provided with suitable means which tend to stretch or pull them outwards, substantially as and for the purpose hereinbefore described. 2nd. A support for spring mattresses, stretchers or the like, of the kind described in claim 1, wherein the upper ends of the bars or supports are provided with plates attached to the mattress, and the lower ends to plates connected together by means of wire and to bars by means of spiral springs, the said bars being advantageously arranged longitudinally and provided with adjusting nuts, substantially as and for the purpose hereinbefore described. 3rd. In supports for spring mattresses, stretchers and the like, of the kind described in claims 1 and 2, forming the bars or supports angular in shape so that they carry two upper plates and one lower plate, substantially as and for the purpose hereinbefore described. 4th. In supports for spring mattresses, stretchers or the like, of the kind described in claims 1 and 2, replacing the bars by straps and the wire by chains, substantially as and for the purpose hereinbefore described. 5th. The manufacture and use of the improved spring mattress hereinbefore described and illustrated in figures 1 to 11 of the accompanying drawing. 6th. The manufacture and use of the improved stretcher hereinbefore described and illustrated in figures 12, 13, 14 and 15 of the accompanying drawing.

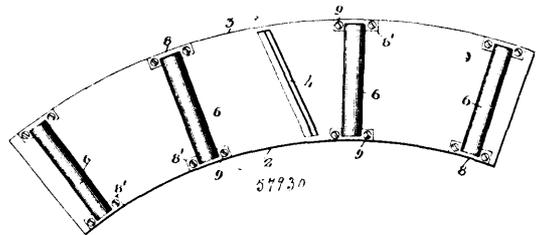
No. 57,929. Index Ring. (Anneau ou roue pour cyclo-mètres.)



Curtis Hussey Veeder, Hartford, Connecticut, U.S.A., 2nd November, 1897; 6 years. (Filed 22nd May, 1897.)

Claim.—In the art of making index rings, the method which consists in assembling two or more separate rings so that their edges shall abut, coating said rings peripherally with a suitable cement or other adhesive substance, wrapping the peripheries of said rings so coated with a strip of flexible material so as to form a cylinder of said rings, and then severing said cylinder into the separate rings of which it is composed.

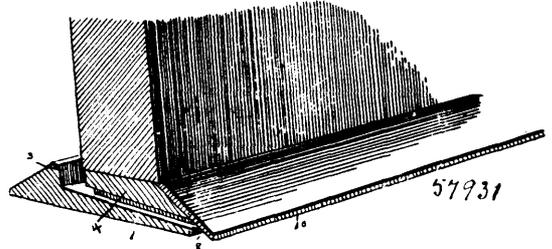
No. 57,930. Cooper's Plane. (Rabat de tonnelier.)



Isidore J. Cocayne, St. Louis, Missouri, U.S.A., 2nd November, 1897; 6 years. (Filed 9th August, 1897.)

Claim.—A cooper's plane, having a suitable body portion or stock, a plane sole therefor having inner and outer lateral bounding walls forming a part of the stock, said walls being described along concentric arcs, a series of rollers disposed along the sole at right angles to the curved surfaces of the lateral walls, bearing plates for the spindles of the rollers embedded in the lateral walls flush with the outer surfaces thereof, and having inwardly deflected portions or arms embedded flush with the surface of the sole, substantially as set forth.

No. 57,931. Door Saddle. (Selle de porte.)



Thomas Vogal, Iowa Park, Texas, U.S.A., 2nd November, 1897; 6 years. (Filed 18th October, 1897.)

Claim.—1st. A door-saddle consisting of two parts, the lower part being recessed to removably receive the other, and having opposite end heads with front bevelled surfaces extending slightly beyond the front termination of the recessed portion, a removable top having a series of transversely arranged grooves on the underside thereof, and a projecting flange or eave applied to the bevelled surfaces of the heads and covering the front portions of said grooves, the lower termination of said flange or eave being in a plane parallel with the bottom of said lower part, substantially as described. 2nd. In a door-saddle, the combination of a saddle proper having a recess in the upper side thereof with an inclined surface and heads at the opposite ends, a removable top mounted in the said recess and having heads extending transversely across the underside of the same, a flange or eave projecting over the front portions of the said grooves, and braces interposed between the said grooves at the front portion of the under part of there movable top, substantially as and for the purposes specified. 3rd. The combination with a door-saddle having a rear vertical wall to form one portion of a longitudinal groove, of a removable top having transversely arranged grooves on the underside thereof communicating with the said longitudinal groove, a flange or eave projecting over the front por-