soles to uppers, the slotted spindle-head, the grippors 23 inserted in the slots of the said spindle head, and provided near their lower ends with shoulders 34, and at their opper ends with shooks, and means to support lossely and reciprocate the said grippors in the slots of the spindle head, combined with the loosely-supported cam ring 55 to retain the grippers in the slots of the spindle, and to acteate the grippers to grasp the wire, substantially as described 27th. The slotted spindle head, the working head, its attached ring 61 provided with the inpets 35, and the lowely-suspended toothed grippers provided at or near their upper ends with hooks, and near their lower conds with shoulders? 25 combined with the ring 55 having cams 57 and recesses 58, the said ring being supported frictionally by the said grippers, substantially as described. 28th. The slotted spindle-head, means, s. destantially as described. 28th. The stated spindle-head, means, s. destantially as described. 38th. The stated spindle-head means, s. destantially as described. 38th. The stated spindle-head means, s. destantially as described. 28th. The cutter-currying tovers E. Et. geared together as described with the lowely supported cam ring surrounding the said spindle-head and to actuate it of grippers, substantially as described. 28th. The cutter-currying tovers E. Et. geared together as described, which the lever 30 and the cam rad h. to control the movements of the teel-har, substantially as described. 38th. The ceptod with the slot lover 33 and means to move it, combined with the lever 33 and means to move it, combined with the slot part of the sidilar provided and move the substantially as described. 38th. The reproduced with table that 7 at right angles to the grippers for ceeding should be substantially as described. 38th. The reproduced with a should be substantially as described with the toolhed array to a substantially and the substantially and described with the toolhed array to a substantially as described. 38th. The receptor A to control the movements of the feed-bar, substantially as described.

No. 24,885. Pessary. (Pessaire.)

Madison M. Warmoth, Brandenburg, Kr., U.S., 4th September, 1896,

llaim. A cone-shaped pessary, consisting of a spring-metal body inclosed in a rubber tubing and formed into coils contracting or tapered toward the upper end for supporting the uterus or womb, and its lower ends adapted to rest upon the soft parts within the rugina, substantially as shown and described.

No. 24,886. Marking Device. (Machine à Etiqueter.)

Sampson H. Brown, Leesville, Texas, U. S., 4th September, 1886; 5

Cloim.—The herein described improved marking device, the same consisting of an arm adapted to be inserted between the folds of a fabric, and provided with means for holding it fixed in its position after it has been inserted, and having honged to its outer end the tag having a strip of suitable material secured around its edges, as shown, so as to form on both sides of the tag the flanges adapted to receive the removable, reversible and interchangeable cards, substantially as set forth.

No. 24,887. Fire Grate. (Grille de Foyer.)

Ephraim J. Story, Washington, D. C., U. S., 4th Soptember, 1886; 5 years.

Claim.—Ist The combination of two parallel grate-sections, each of which has a tear pivotal bearing, whereby, when the sections are dumped, each section will discharge its contents toward the front. 2nd. The combination of the two parallel grate-sections Di and Di, each of which has a rear pivotal bearing, whereby, when the sections are dumped, each section will discharge its contents toward the front. 3rd. The combination of the two parallel grate-sections Di and Di, each having tear bottom engaging hooks with rear pivotal bearings, whereby, in dumping the contents, each section will be discharged toward the front. 4th. The combination of two oppositely inclined parallel grate-sections, each of which has rear pivotal bearings, whereby, when the sections are dumped, each section will discharge its contents toward the front. 5th. The combination of the Claim. -1st The combination of two parallel grate-sections, each of

two oppositely-in-adiased parallel grate-sections Dr and Dr, each of which has rear pironal bearings, whereby, when the sections are diumed, and, and section will discharge its contents toward the front cand a front grate section which is protailly supported at its rear extremity. The the combination, with a central lengitudinal grate-bard afront grate section which is protailly supported at its rear extremity. The the combination, with a central lengitudinal grate-bard front grate section which has rear privated at its rear extremity, and front grate section which has rear private laterings, and which inclines from its rear extremity downwards toward the control in the central lengitudinal grate-bar. Or a rear grate-cardinal private bearings, and which inclines from its front extremity downwards; toward the central lengitudinal grate-bar. Sth. The combination, with the central longitudinal grate-bar. Sth. The combination of the state of the stat