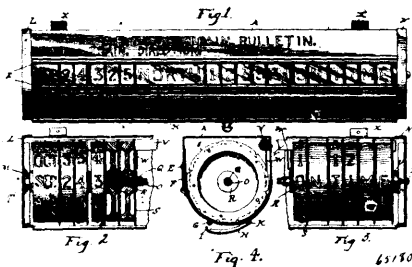


suitable supporting frame, of a vertical shaft, a winding drum and a head, a power beam movable horizontally on the said head, triangular sweeps attached to the power beam and extending from the same in opposite directions, a capstan driver carried by the said power beam, the said capstan driver comprising an approximately U-shaped member, the depending arms of which engage the capstan head on its opposite sides but which are adapted to be turned automatically to engage the opposite ends of the capstan head in the event of the cable breaking or slipping, a partial revolution of the power beam in the reverse direction being permitted during the changing of the engaging positions of the arms, substantially as described. 4th. In a capstan, the combination with a suitable supporting frame, of a vertical shaft, a winding drum and a head, a power beam movable horizontally on the said head, triangular sweeps attached to the power beam and extending from the same in opposite directions, a capstan driver carried by the said power beam, the arms of which engage opposite sides of the capstan head, a sweep stay supported above the power beam by means of a vertical rod, and stay rods connecting the sweeps with the sweep stay for supporting and regulating the former, substantially as described. 5th. In a capstan, the combination of a suitable supporting frame, anti-friction rollers carried by said frame, a vertical shaft, a winding drum and a head, said shaft having a bearing contact with said rollers, a power beam movable horizontally on the said head, triangular sweeps attached to the power beam and extending from the same in opposite directions, a capstan driver carried by the said power beam, the arms of which engage opposite sides of the capstan head and a sweep stay supported above the power beam by means of a vertical rod which extends through the capstan driver, the power beam and into the vertical shaft, the said rods connecting the sweeps with the sweep stay for supporting and regulating the former, substantially as described. 6th. In a capstan, the combination with a suitable supporting frame, of a vertical shaft provided with a head, a winding drum, a power beam movable horizontally and independently of said shaft, and a centrally pivoted vertically movable capstan driver which engages opposite sides and ends of the head of the vertical shaft, which driver is adapted to be disengaged from the power beam, and the head of the vertical shaft, substantially as described. 7th. In a capstan, the combination with a suitable supporting frame, of a vertical shaft, a winding drum, and a head, a power beam movable horizontally and independently of said shaft, a vertically movable capstan driver having depending arms, which are adapted to engage the head of the vertical shaft, when in a lowered position and to be raised so as not to engage said head or be engaged by the power beam, substantially as described.

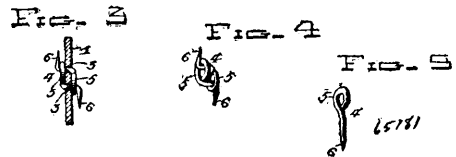
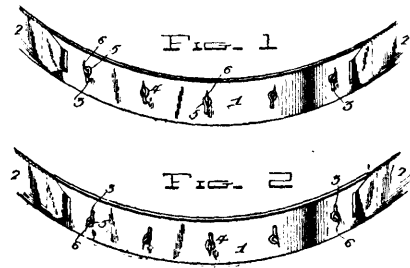
**No. 65,180. Bulletin. (Bulletin.)**



Emerson, S. Brooks, Toledo, Ohio, U.S.A., 2nd December, 1899; 6 years. (Filed 8th November, 1899.)

*Claim.*—1st. The combination in a bulletin, constructed substantially as described, of a piece of metal A, a curved piece of metal C, strips of metal B riveted to the ends of elements A and C, covers L and N, fitting over the ends of elements A and C, a door H hinged to element A, and the shaft O, engaging the covers and supporting rollers, in substance as set forth. 2nd. The combination in a bulletin, constructed substantially as described, of a casing, a shaft, rollers on the shaft discs, each having a series of notches, and looped wire springs secured to the casing at one end and adapted to engage the notches in the discs at the other end. 3rd. The combination in a bulletin, constructed substantially as described, of a casing, a shaft supported by the casing, rollers having symbols mounted on the shaft, washers between the rollers, and notched discs and springs engaging the discs. 4th. The combination in a bulletin, constructed substantially as described, of a casing having a longitudinal opening, a door, a permanent end cover L, a removable end cover N, a shaft supported by the end covers, and rollers on the shaft. 5th. The combination in a bulletin, constructed substantially as described, of a casing, end covers L and N, a metallic piece M having an angular hole secured to the cover L, a shaft having an angular end, rollers on the shaft, and a screw P for supporting the opposite end of the shaft.

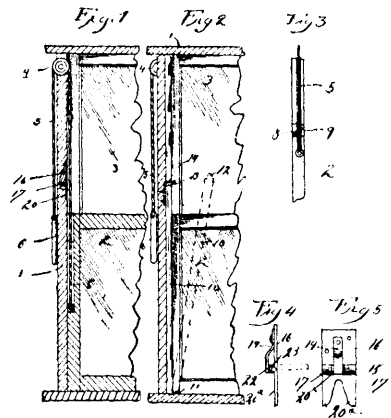
**No. 65,181. Skirt Support. (Support de jupes.)**



George L. Blackman, Whitesville, New York, U.S.A., 2nd December, 1899; 6 years. (Filed 6th November, 1899.)

*Claim.*—1st. In a combined shirt waist or basque holder and skirt supporter, the combination with a metallic strip having two longitudinal rows of holes, the holes of one row being above those of the other, of hooks extending through said holes and interlocked with each other, the prongs of said hooks projecting in opposite directions, substantially as and for the purpose set forth. 2nd. In a combined shirt waist or basque holder and skirt supporter, the combination with the metallic strip having two longitudinal rows of holes, the holes of one row being above those of the other, of hooks extending through said holes, each of said hooks consisting of a prong and an eye which extend in opposite directions, the prongs of one set of hooks engaging the eyes of the other set of hooks, and the prongs of one set of hooks projecting in a direction opposite to that of the prongs of the other set of hooks, substantially as and for the purpose set forth.

**No. 65,182. Window Sash. (Châssis de fenêtres.)**



William A. Davis, George S. Idell and Elmer E. Davis, all of Jeffersonville, Indiana, U.S.A., 2nd December, 1899; 6 years. (Filed 8th November, 1899.)

*Claim.*—1st. In a device of the character set forth, the combination with a sash and a sash weight cord, of a sash weight cord holding device consisting of a securing plate carrying a spring, and a bifurcated holding plate at the lower end of the securing plate adapted to receive and hold the sash weight cord, substantially as described. 2nd. A sash weight cord holding device, comprising a securing plate carrying a depending spring, and bifurcated plate pivotally attached to the lower portion of the said securing plate and having oppositely positioned bearing surfaces adapted to be engaged by the said spring, substantially as described. 3rd. A sash cord holder comprising a securing plate, a bifurcated plate pivotally connected thereto and provided with flat bearing surfaces adjacent to its pivotal connection with the securing plate, and a spring attached at one end to the securing plate and arranged to bear at its free end against the flat bearing surfaces of the bifurcated plate.