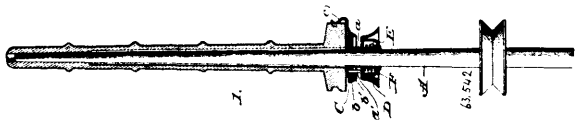
No. 63,542. Bobbin and Thread Holder.

(Bobine et Porte-fils.)



Burr's Bobbin Holder and Thread Catcher Co., Hartford, Connecticut, assignee of Oliver C. Burr, North Adams, Massachusetts, U.S.A., 2nd August, 1899; 6 years. (Filed 25th February, 1899.)

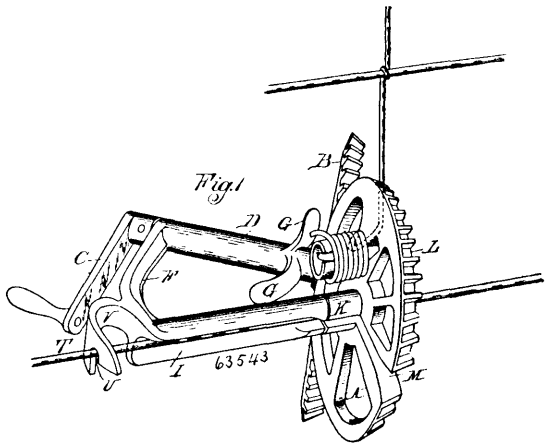
Claim.—1st In a bobbin holder counected to a spindle so as to externally engage the bobbin, a part of the bobbin holder co-acting with the thread holding and releasing device, the parts consisting of a fixed member and a movable member, a collar to which they are attached, which collar embraces the spindle and a spring mounted on the collar so as to move one of the members towards the other and means carried by the movable member for separating it from the mixed member when the bobbin is placed on the spindle so as to engage the bobbin holder. 2nd. A bobbin holder and thread catcher for use with spindles and bobbins, comprising a member having a plurality of outwardly projecting resilient arms which are adapted to engage with the head of the bobbin, a sleeve which connects the parts and frictionally engages the spindle, a disc fast upon the sleeve and to the bobbin holder, a movable member spring actuated in one direction and movable away from the bobbin holder when the bobbin is placed on the spindle and caused to engage with the retaining arms of the bobbin holder, substantially as shown. 3rd. In a thread holder for spindles, the combination with a revoluble spindle, a sleeve through which the spindle is passed so as to be held thereon, a disc lmmovably connected to the sleeve, a member reciprocally mounted on the sleeve, a spring for actuating the movable member towards the fixed member, a bobbin holder fixedly mounted on the sleeve and means carried by the movable member which projects upwardly therefrom so as to be engaged by the bobbin when it is engaged by the bobbin holder, substantially as shown. 4th. In a thread holder for spindles, the combination with the connecting means as a collar or sleeve, a disc having a depending peripheral flange attached to the collar or sleeve, a bell-shaped member, a spring which encircles the collar or sleeve and engages with the bell shaped member to move the same towards the disc, a bell shaped member having its upper portion constructed to enter the peripheral flange of the disc, substantially as shown. 5th. As an improved article of manufacture, a combined bobbin and thread holder, comprising a bobbin holder having a plurality of radially projecting arms which are adapted to engage with and centre the bobbin on the spindle, a movable member constituting a part of the thread holder, the same being actuated in one direction to clasp the thread, pins extending therefrom through the bobbin holder so that the movable member of the thread holder will be moved away from the bobbin holder when the bobbin is placed on the spindle so that the head thereof will be engaged by the spring arms of the bobbin holder, and a collar or sleeve which frictionally engages with the spindle and carries the hereinbefore mentioned parts, substantially as shown. 6th. The combination with a collar or sleeve, a disc having apertures there through and a bevelled periphery, the same being attached to one end of the collar or sleeve, a cap carried by the opposite end of the collar or sleeve, a bell shaped member movably mounted on the collar or sleeve, a spring enclosed by the bell shaped member and cap, the spring engaging said parts and pins which extend from the bell shaped member and pass through the apertures in the disc, substantially as shown and for the purpose set forth. 7th. In a thread holder for spindles, the combination with a sleeve which frictionally engages the spindle, a bobbin holder having three or more resilient arms for engagement with the head of a bobbin when mounted on the spindle, a movable bell shaped member located below the bobbin holder, and provided with upwardly projecting pins which pass through apertures in the bobbin holder, and a spring for moving the bell shaped member towards the bobbin holder the spring and bell shaped member being mounted on the sleeve, substantially as shown. 8th. The combination with a spindle, of a bobbin holder having a plurality of arms with upturned ends, said bobbin holder having apertures therethrough, a disc attached to the bobbin holder, a collar or sleeve in rigid engagement with the bobbin holder, the disc, and with a cap located at the opposite end of the collar or sleeve, a member loosely mounted on the collar and provided with upwardly projecting pins, a portion of said member engaging with the disc, the member which is loosely mounted of the collar having a depending side which overlies the spring which encircles the collar and engages with the cap, the parts being connected together by the collar, substantially as shown and for the purpose set forth.

No. 63,543. Device for Making Wire Fences.

(Appareil pour la fabrication de clôture en fer métallique.)

The McCloskey Wire Fence Company, assignees of William McCloskey, all of Windsor, Ontario, Canada, 2nd August, 1899; 6 years. (Filed 25th March, 1899.)

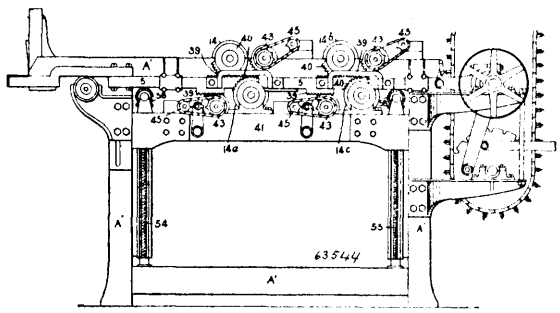
Claim.—1st. In a device for securing stay wires, the open ended supporting frame formed with the side bars D, E, inclined at an



angle towards each other and supporting the drive wheel B and twister wheel A respectively, as described. 2nd. In a device for securing stay wires, the open ended supporting frame formed with side bars D, E, and end bar F, uniting them, the side bar E being provided with a longitudinal recess I, and carrying the twister wheel, as specified. 3rd. In a device for securing stay wires, the combination of the open ended supporting frame formed with the side bar D, carrying the drive wheel B, and with the side bar E carrying the intermeshing twister wheel A, said side bar E having a longitudinal recess to receive the line wire, and a stub J upon which the twister wheel is journalled, substantially as set forth. 4th. In a device for securing stay wires, the combination of the open ended supporting frame having the side bars D, E, arranged at an angle to each other, the drive wheel carried by the side bar D and the twister wheel journalled upon the end of the side bar E and having slot M adapted to register with a longitudinal recess I in said side bar, substantially as shown. 5th. In a device for securing stay wires, the combination of the open ended supporting frame composed of side bars D, E, and end bar F, the wheels B, A, carried at the ends of the side bars and having intermeshing gear teeth and the guard G on the side bar D, substantially as specified. 6th. In a device for securing stay wires, the twister wheel A, provided with a hub forming the bearing of the twister wheel, the slot M formed in said twister wheel and hub and extending to the centre of the twister wheel, said twister wheel having a convex face provided with a lug S, substantially as described. 7th. In a device for securing stay wires, the open ended supporting frame formed with the side bar D carrying the bevel gear wheel B, and with the side bar E having the stub shaft J carrying the twister wheel and having shoulder N and flange on the twister wheel, substantially as specified. 8th. In a device for securing stay wires, the combination of the open ended supporting frame formed with the side bars D, E, carrying the gear wheels, the end bar F uniting the side bars and the support T on said end bar formed with the loop V, substantially as set forth. 9th. In a device for securing stay wires, the combination with the open ended frame carrying the drive wheel and twister wheel of the rim flange W on said twister wheel, and the fixed projection Y on the frame, substantially as described.

No. 63,544. Match Making and Printing Machine.

(Machine pour faire et imprimer les allumettes.)



Frank Walton Mead, Hingham, Massachusetts, U.S.A., assignee of Joseph Boulard, Montreal, Quebec, Canada, 2nd August. 1899; 6 years. (Filed 28th March, 1899.)

Claim.—1st. The combination of the match blank propelling hopper bottom, the attached reciprocating side bars of a match making machine, the upper and lower printing rolls of a printing mechanism, the connecting and co-operative mechanism and the