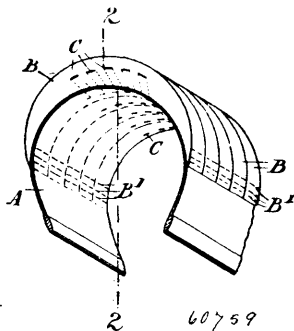


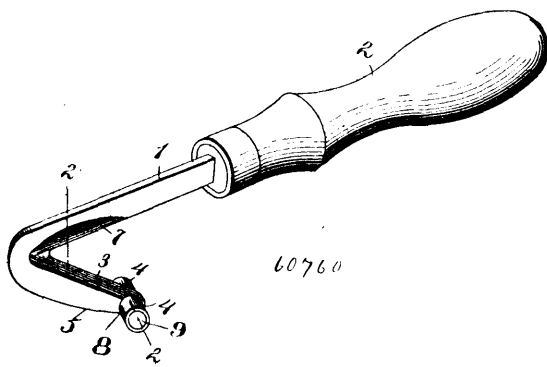
tially as described. 2nd. In a tire the combination with a flexible backing of arched sections such as B, each centrally sewn to the



backing by stitches passing diagonally through each section from its side, substantially as described. 3rd. In a tire the combination with a flexible backing of arched sections such as B, each centrally sewn to the backing by stitches passing diagonally through each section from its side, and also from each end, substantially as described. 4th. In a tire the combination with a flexible backing of arched sections such as B, sewn to the backing and plates D, between the sections, substantially as described. 5th. In a pneumatic tire the combination with a tire cover such as B, of a flat band such as C, which has one end attached to the valve and the other end movable between the fixed end and the rim and adjustably attached to the rim, substantially as and for the purpose described. 6th. In a pneumatic tire the cover provided with arched sections sewn to a flexible backing and with enlarged edges in combination with a channel rim and a flat band with overlapping ends having one end retained by the valve, the other end movable past the valve and adjustably attached to the rim, substantially as and for the purpose described.

No. 60,760. Knife for Cutting Oil-Cloth.

(*Couteau pour tailler la toile cirée.*)

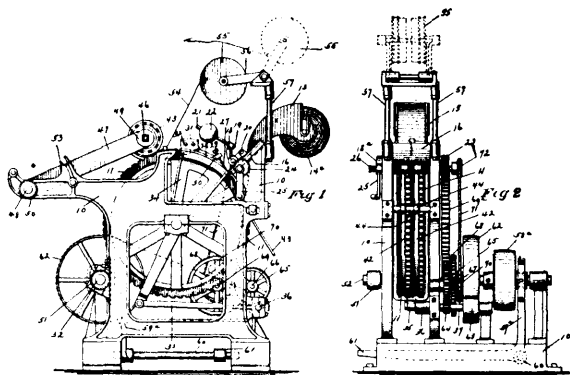


John C. Creveling and William Abbott, both of Esby, Pennsylvania, U.S.A., 2nd August, 1898; 6 years. (Filed 26th May, 1898.)

Claim.—1st. A cutter of the character described comprising a shank, having a downwardly and rearwardly extending cutter-arm, the extremity of the cutter-arm forming a support for the tool, and the front edge thereof tapered to a cutting edge the same adapted to be operated, as shown and described. 2nd. A cutter of the character described comprising a shank, a downwardly and rearwardly extending arm having its front edge formed into a cutter, its lower end provided with supporting rollers, whereby the rollers are in rear of the cutter and the tool adapted to be operated as described. 3rd. A cutter of the character described comprising a shank, a downwardly and rearwardly extending arm having its lower end adapted to form a support, and the front edge of the arm sharpened to a cutting edge at a point above the said supporting portion of the arm, substantially as described. 4th. A cutter of the character described comprising a shank, a downwardly and rearwardly extending arm, rollers situated at each side of the arm and supporting its extremities in a plane above the lower periphery of the roller, the front edge of the arm sharpened to a cutting edge at a point in a plane above the lower extremity, substantially as described. 5th. A cutter of the character described comprising a shank, having a downwardly and rearwardly extending arm, supporting rollers at extremities of the arm with their lower periphery in a plane below the plane of the lower end of the arm, the front and rear edges of

the arm being sharpened to a cutting edge, substantially as and for the purpose described. 6th. A cutter of the character described comprising a shank, a downwardly and rearwardly extending cutter-arm having a laterally projecting base or supporting portion at its extremity, the edge or edges of the arm being sharpened to a cutting edge, substantially as described.

No. 60,761. Machine for Cutting and Assembling Match Splints. (*Machine pour couper et assembler les eclisses d'allumettes.*)



The Diamond Match Co., Chicago, Illinois, assignee of John F. Kay, Passaic, and Daniel Hutchinson, Bound Brook, both in New Jersey, all in the U.S.A., 2nd August, 1898; 6 years. (Filed 12th May, 1898.)

Claim.—1st. A machine of the kind described, comprising a table, a splint-cutting device at the end of the table, a revoluble toothed wheel having a belt groove therein, located below the cutting device and adapted to receive the cut splints, a travelling belt arranged in the groove, and means for rolling up the belt and splints, substantially as described. 2nd. A machine of the kind described, comprising a feed table, a knife movable at the end of the table, a rotary toothed wheel having a belt groove therein located below the knife and table and adapted to receive the cut splints, a travelling belt arranged in the groove and a coiling device to assemble the splints, substantially as described. 3rd. A machine of the kind described, comprising a revoluble toothed wheel, a feeding device to feed veneer into the teeth of said wheel, and a knife for severing portions from the veneer while engaged by the wheel, substantially as described. 4th. A machine of the kind described, comprising a revoluble toothed wheel, a reciprocating knife movable over the face of the wheel opposite the teeth, and a feeding device to feed veneer into the teeth in front of the knife, substantially as described. 5th. In a machine of the kind described, the combination of the toothed wheel, the feed table delivering thereto and provided with a transverse groove, and the knife movable over the face of the wheel and into the groove, substantially as described. 6th. In a machine of the kind described, the combination of the feed table having a transverse knife groove therein, a knife movable in and out of the groove, and coiling mechanism to receive the splints falling from the knife, substantially as described. 7th. In a machine of the kind described, the combination of the toothed wheels, the feed table delivering thereto, said table having a transverse groove relieved at the back, and the knife movable in and out of the groove, substantially as described. 8th. In a machine of the kind described, the combination of the toothed wheels, the reciprocating knife, the feed table having a relieved groove to receive the knife edge, and the face plate forming one side of the groove, substantially as described. 9th. A machine of the kind described, comprising a revoluble toothed wheel, a sliding head fitting over the face of the wheel, a knife at the front edge of the sliding head, and a veneer feed delivering veneer into the teeth in advance of the knife, substantially as described. 10th. A machine of the kind described, comprising a revoluble toothed wheel having a belt groove in its face, a sliding head fitting over the face of the wheel, a veneer cutting knife on the head, a coiling device behind the head, and means for feeding veneer into the teeth in advance of the knife, substantially as described. 11th. A machine of the kind described, comprising a revoluble toothed wheel or wheels having belt grooves therein, a sliding head fitting over the face of the said wheel or wheels, a knife fitting over the face of the said wheel or wheels, a knife at the front edge of the head, a cutting-off knife carried by the head and arranged behind the first-mentioned knife, means for delivering veneer into the teeth in advance of the head, and a coiling device behind the head, substantially as described. 12th. A machine of the kind described, comprising revoluble toothed wheels spaced apart and provided with circumferential belt grooves, a sliding head movable over the face of the wheels, a splitting knife