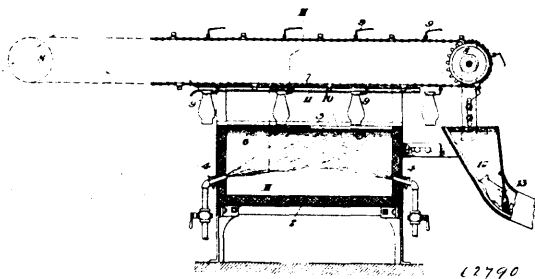


lugs, the whole being adapted to draw off liquids below the strainer and leave the refuse in a dry state, substantially as described.

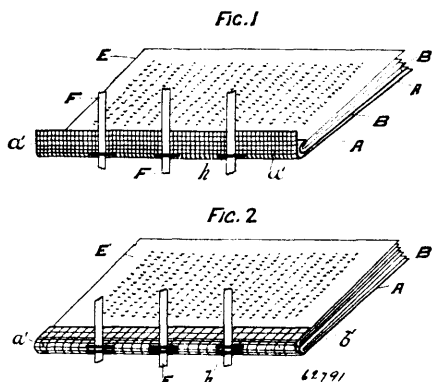
No. 62,790. Apparatus for Fire Finishing Glassware.
(Appareil pour finir de cuire la verrerie.)



William Butter, Radkey, Indiana, U.S.A., 2nd March, 1899; 6 years. (Filed 23rd November, 1898.)

Claim.—1st. In apparatus for finishing glassware, a furnace having a slot in its top forming an opening, and a carrier above the opening and external to the furnace, said carrier having holders exterior to the furnace and arranged to hold the glass articles in a vertical position, partly within and partly without the slot, and expose the lower portions to the heat of the furnace passing through the opening. 2nd. In apparatus for finishing glassware, a furnace having an elongated opening through the top of the furnace, a horizontally movable endless carrier above and external to the furnace, and exterior holders on the carrier arranged to support the articles in vertical position, partly within and partly without the opening. 3rd. The combination with a furnace having an elongated opening through its top, of an endless carrier having holders exterior to the furnace and arranged to expose the articles to the heat from the opening, and means for intensifying the heat at the delivery end of the opening. 4th. The combination with a furnace having an upper elongated opening, of a heat radiating plate arranged to shield the portion of the opening first entered by the articles to be finished. 5th. In apparatus for finishing glassware, the combination with a heating furnace having an elongated opening of an external endless chain above the opening having holders exterior to the opening arranged to support the glass articles in a vertical position and carry the lower portions through the opening, and means for continuously moving said chain. 6th. In apparatus for finishing glassware, the combination with a furnace having an upper elongated opening, of a carrier extending from the cracking-off apparatus past the opening, holders upon the chain arranged to support the glass articles in vertical position and carry their lower portions through the opening, and automatic mechanism for discharging the articles from the holders after the same has been heated. 7th. In apparatus for finishing glassware, the combination with a furnace having a slot or opening through its top, and means for varying the heat in different portions of the opening, of an upper external carrier having holders exterior to the slot or opening, and arranged to support the glass articles in vertical position, partly within and partly without the slot, and carry them through the opening. 8th. The combination with an endless chain, of a chute at the end thereof down which the glass articles when released travel, a receptacle for the glass articles, and hanging flexible cushions arranged in series so as to separate the glass articles and prevent their hitting against one another.

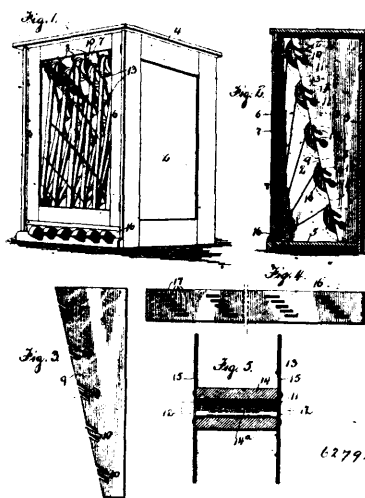
No. 62,791. Book Binding. (Reliure de livres.)



Charles Edward Scarse, Birmingham, Warwick, England, 2nd March, 1899; 6 years. (Filed 23rd November, 1898.)

Claim.—The covering casing or binding of books, the linen backed end papers A, encompassing and sewn to or forming part of the sections E, E', and securely attached to the covers C, substantially as and for the purpose herein set forth and illustrated.

No. 62,792. Ribbon Display Cabinet.
(Cabinet de montre pour rubans.)



William H. Wyman, St. Johns, Quebec, Canada, 2nd March, 1899; 6 years. (Filed 25th November, 1898.)

Claim.—1st. A display cabinet comprising a casing, spools mounted therein in vertical and horizontal series, and openings arranged in said casing corresponding in position to said spools, substantially as described. 2nd. A display cabinet comprising a casing, spools mounted to have independent movement therein, said spools being arranged in vertical and horizontal series, and openings arranged in said casing, corresponding in position to said spools, substantially as described. 3rd. A display cabinet, comprising a casing, spools mounted therein in vertical and horizontal series, said spools being removable independently from said casing and openings formed in said casing corresponding in position to said spools, substantially as described. 4th. A display cabinet, comprising a casing, spools mounted therein in vertical and horizontal series, the spools in said horizontal series being on different planes, and openings formed in said casing corresponding to said spools, substantially as described. 5th. A display cabinet, comprising a casing, spools mounted therein in vertical series, the spools located in alternate series being arranged on the same horizontal plane, and openings formed in said casing corresponding to said spools, substantially as described. 6th. A display cabinet, comprising a casing, spools mounted therein, and openings formed in said casing corresponding to the spools, said openings being arranged to allow of a comparison of the varieties of the article located on the spools, substantially as described. 7th. A display cabinet, comprising a casing, spools mounted therein, and openings formed in said casing, said openings being arranged in series, each series being arranged in oblique alignment, substantially as described. 8th. A display cabinet, comprising a casing, vertical partitions arranged therein, bearings formed in said partitions, said bearings being arranged in horizontal alignment, spools removably mounted in said bearings, and openings formed in said casing corresponding to said spools, substantially as described. 9th. A display cabinet, comprising a casing, vertical partitions arranged therein, bearings formed in said partitions in series, each series being in horizontal alignment, spools mounted in said bearings and openings formed in said casing, corresponding to said spools, substantially as described. 10th. A display cabinet, comprising a casing, vertical partitions arranged therein, bearings formed in said partitions in series, each series being in horizontal alignment, spools mounted in said bearings, the spools in alternate spaces between said partitions being arranged on the same horizontal plane, and openings formed in said casing corresponding to said spools, substantially as described. 11th. A display cabinet, comprising a casing, vertical partitions arranged therein, bearings formed in said partitions, spindles removably located in said bearings, spools removably located on said spindles, and openings formed in said casing corresponding to said spools, substantially as described. 12th. A display cabinet, comprising a casing, spools mounted therein in vertical series the bearings for the spools in each series being out of vertical alignment, and openings formed in said casing in series corresponding to the arrangement of spools, substantially as described. 13th. A spool for display cabinets, comprising a core having a central longitudinal opening, and discs arranged at opposite ends of said core, said discs having an opening corresponding to the said longitudinal opening, substantially as described. 14th. A display cabinet, comprising a casing, spools mounted therein in vertical and