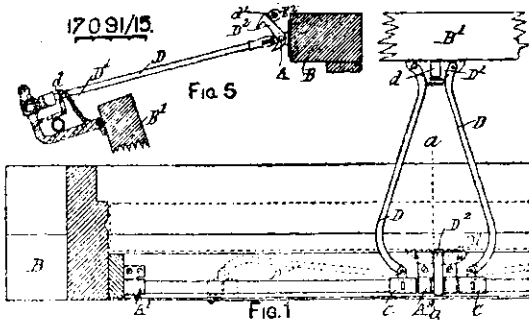


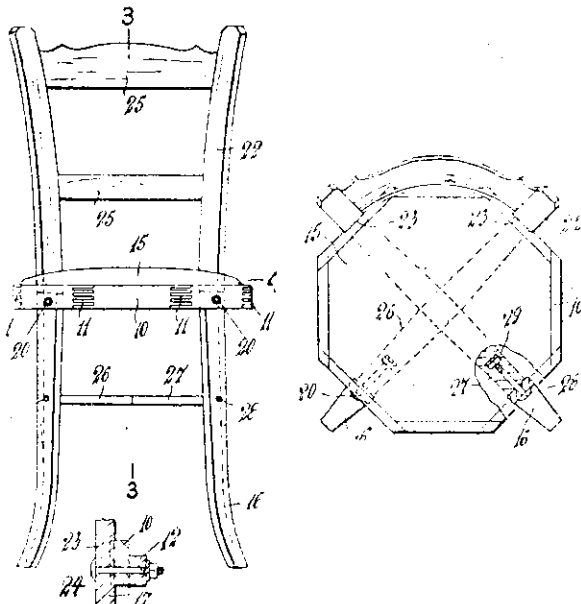
Recent Building Patents

Fan Light Fittings.—Patent No. 17,091, by H. G. Ross, Victoria. To open and close fan-lights and the like two levers D are pivoted to a bracket D1 on the fan-light and to thimbles C which



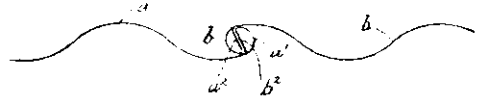
slide in and out on a rod A on the sash frame upon the operation of pull cords P2. An automatic catch D2, which is released by the pull cords, holds the fan-light in the closed position.

Chair.—Patent No. 36,705, by Graham and Son, Ohio Road, Wellington. In this invention the rim supporting the seat is octagonal or other straight-sided figure, and the sides are united end to end by a lock-joint consisting of male and female members. The joints are put together with glue, and a reinforcing-block is fixed to alternate sides, the inner face of the blocks being cut with a sweep or curve so that a good hold can be obtained by means of screws upon sides at each end of the sides provided with the reinforcing-block. The reinforcing-blocks form a support for the rim of a removable padded seat. The legs are made of bent wood so that they have an outward sweep. The front legs are rebated at the top, and



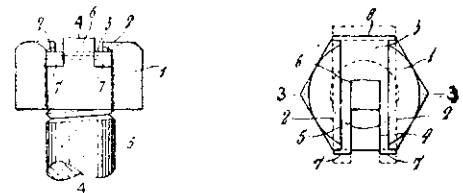
are held in a groove formed in the inner face of the rim, a bolt passing through the reinforcing-block; the leg and the rim securely hold these parts together. The back legs are integral with the back of the chair, and the rim is slightly checked to receive the legs, a bolt passing through each back leg, the rim, and the reinforcing-block securely holds these parts together. The back is formed by continuing the legs in their sweep, and any desired form of cross-bars may be employed. Below the seat the legs are provided with cross-stays, which are checked together at their middle part, and are secured to the legs by bolts which pass through the legs and for some distance into the cross-stays, into which a nut is sunk and is engaged by the bolt.

Iron Sheets—Joining Together Side Edges.—Patent No. 36,581 by Oscar Sando, Wellington. In carrying out this invention the two side edges of each sheet are each formed with a small roll, carried round, over, or under the main portion and then sharply inwards towards its surface. That on one edge is preferably arranged to turn up, while that on the other turns down. This roll then on the edge of one sheet is adapted to enter and engage with the roll on the next



sheet and to lock the two together, the engagement being effected by sliding the one longitudinally within the other. This effects a close joint, that in the case of corrugated iron may be contained within the contour of the corrugations by arranging the downwardly turned roll to commence at the edge of a convex in the corrugations, and the upwardly turned roll on the next sheet at the edge of a concave in the corrugations.

Lock Nut.—Patent No. 37,536, by J. O. Lord, Parnell, Auckland. This invention consists in making a nut with transverse grooves to receive a slotted slide made of sheet metal, and in making the bolt or the like with a termination having flat sides, the number of such sides being two or more, but always so that at least two



sides are parallel to each other. After the nut has been screwed home the slide has been inserted in the grooves of the nut and upon the sided termination of the bolt. The ends of the slide are then bent down upon the sides of the nut to hold the said slide in position.

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