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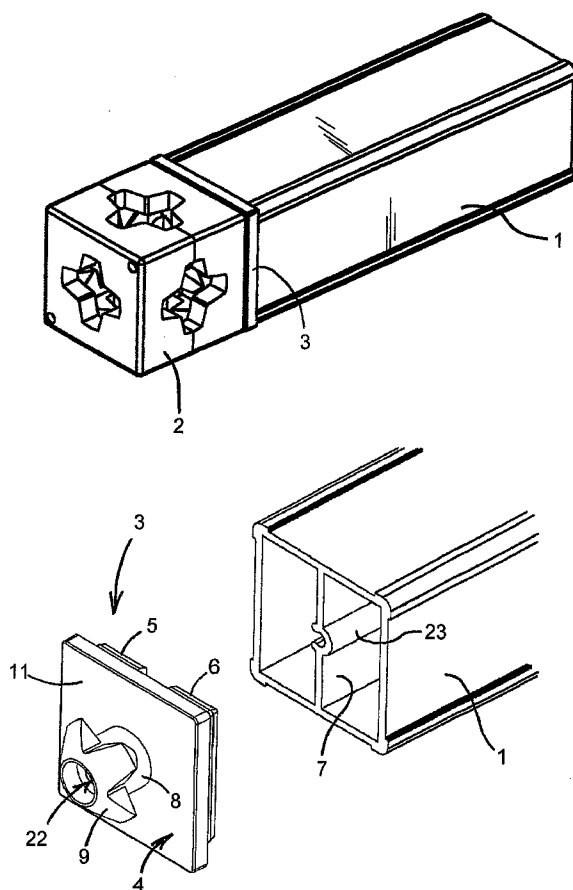
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- (54) Title:** CONNECTOR FOR USE IN DISPLAY FRAMES



(57) Abstract: The connector is intended for use in displays of the kind which include a display frame formed of a plurality of beams (1) which are joined together by multi-way node fittings to form a three-dimensional shape, and display panels are releasably secured to the beams. The connector includes a male fitting (3) which has a stem (8) projecting from a plate (4), and a head (9) comprising four noses which project laterally from the stem. The head (9) is inserted in a correspondingly-shaped aperture of a female node fitting and rotated into positive engagement with the inner face of the node fitting. The trailing faces of the four noses have oppositely-inclined ramps which act to provide progressive tightening and alignment of the connector as the male part is rotated within the aperture. The connector provides a joint with greater stability and enables a firm connection to be obtained with a smaller angle of rotation and reduced engagement force. The strength of joint is less dependent on manufacturing tolerances and the connection is less likely to become slack due to wear or damage. Modified male fittings have threaded sockets for attaching feet and other items to the display, and caps are provided to cover any unused apertures in the node fitting.



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