

ABSTRACT OF THE DISCLOSURE
AN IMPROVED HINGE CONSTRUCTION

An improved hinge construction for a door includes a fixing plate adapted to be mounted on a frame, a pair of parallel clamping plates, a U-shaped block disposed between the parallel clamping plates, a pivot block attached to the fixing plate, a plurality of retaining seats, a plurality of positioning balls and a plurality of compression springs, wherein the retaining seats each have a concave surface which has a curvature conforming to that of a corresponding positioning ball for engagement therewith so that each positioning ball can be spring-biasedly locked in a corresponding retaining seat by means of a corresponding compression spring. The present invention can effectively provide a substantially noiseless hinge for a door or a window frame.

Fig.2