with square ends, and just long enough to go between the uprights of opposite trusses; and, provided with a fixture at each end, formed of a plate of iron about 3-8th" thick, 7" wide, and 2' long, bent in the form of a jews-harp bow. The loop, or bow, \( u \), (F. 52,) is to encircle the upright, \( \lfloor \) and the straight sides, to receive the vertical web of the beam between them, and to be fastened thereto by two bolts & nuts. One of these should be 1 1/4" in diameter, and long enough to receive the eye of a

Fig. 52.

lateral diagonal stay, or sway-rod, (to prevent swaying or swinging,) under both head & nut, and placed about 5 1/2" from end of beam, and 2 1/2" from lower edge of plate. The other bolt may be 1 3/8" or 1 3/4", and placed with its centre 1 1/2" from end of beam and upper edge of plate. The thread of the screw should not run into the plate, even if a washer be required under the nut, in order to fetch the work together. The connecting block should have an elevated ring around the upright, for the eye of