

grooved bed-plate provided with the grooved former at one end, of the jack-screw in the longitudinal groove, the clamp-frame with a grooved lower plate and thumb-screw, and the
5 grooved indented upper plate, substantially as specified.

2. The combination, with the bed-plate having the thicker grooved portion C, provided with the projecting arm, of the guard-plate
10 secured to the vertical face of said projecting arm, the clamping-frame, and suitable means for moving the same, substantially as specified.

3. The combination, with the bed-plate having the horizontal middle groove provided
15 with metal wear-plates at its sides, of the hori-

zontal jack-screw, and the clamp-frame having the threaded eye at its lower side and the thumb-screw in its upper end, substantially as specified.

4. The combination, with the horizontal 20 grooved bed having the crupper-former at one end thereof, of the horizontal jack-screw and the clamping-frame connected therewith, substantially as specified.

In testimony whereof I affix my signature in 25 presence of two witnesses.

EDWARD W. JACKSON.

Witnesses:

ALVARO J. ADAMS,
GEORGE H. KNAPP.