

Recent American and Foreign Patents.

Improved Work Stand.

Chauncey S. Caple, Frankfort, N. Y., assignor to himself and William Gates, of same place.—This invention consists in the improvement of work stands. The center piece is a casting of metal with four vertical holes arranged around the vertical center in which the pivot pin of the table top works. In these holes are introduced the upper ends of the legs. A ring or dish connects the legs at the middle, and has a recess in the underside, and as many radial holes extending from the periphery to it as there are legs, and the legs, being notched, are fitted in corresponding notches in the disk, and secured by bolts inserted in the said holes, and fastened by keys driven into the ends projecting into the recess, and having holes provided for said keys. A spool stand is fastened detachably to the top of the table center. For so fastening it, and having it at the same time so that it can be readily detached, a recess is arranged in the bottom of the disk of metal, and a hole near the periphery large enough to admit the head of a pin. From this hole the slot, as wide as the shank of a pin, extends to the center. The pin is fitted into the vertical hole in the center of the table, and has a coiled spring fitted in the bearing against the table top so as to constantly press it down. A lever is connected at one end to the pin at its lower end, and extends towards the periphery of the table top as far as the opening, when the finger can be applied to push it down and raise the pin when the cover of the opening is removed. The pin head, being suitably shaped and held in it by the pressure of the spring, holds the stand in place so that it cannot be detached until the pin is raised by the lever. To detach the stand, the head of the pin is raised out of the countersunk recess, and the stand moved sidewise till the hole comes to the pin, when it can be lifted off.