

## 286. Bronx Wool and Leather Co., New York, N. Y., U. S.

LAMB AND SHEEP AND GOAT SKINS.

*Report.*—Commended for the variety, evenness, and clearness of the colors in the different styles of finish, and for excellence of manufacture in their lamb and sheep skins for shoes and skivers for shoes and pocket books, and their goat-skins for books and upholstery, and bat wings and India sheep for pocket books.

## 287. J. Barton Smith &amp; Co., Philadelphia, Pa., U. S.

RASPS AND FILES FOR SHOEMAKERS' USE.

*Report.*—This exhibit comprises a complete line of all sizes and styles of rasps and files used by shoemakers, and is notable for the regularity, evenness, and excellence in the cutting, and adaptation to all the wants of the trade.

## 288. Cutlan Shoe-Sewing Machine Co., Philadelphia, Pa., U. S.

A MACHINE FOR SEWING A TURNED SHOE.

*Report.*—This machine sews a good firm seam, and imbeds the chain stitch in the channel of the sole, which we think is a great advantage, as the chain stitch comes under the foot (covered by channel) instead of against the upper. We had light and medium edges sewed and finished up. We consider it an excellent machine for turn shoes.

## 289. W. E. Plummer, Boston, Mass., U. S.

ROTARY TAN PRESS.

*Report.*—Commended as a skillful invention, useful in the preparation of tan for fuel.

## 290. Estabrook, Wires, &amp; Co., Milford, Mass., U. S.

HOW'S PATENT BOOT AND SHOE TREES.

*Report.*—They are simple and effective. The mechanism being simple and positive, they are not liable to get out of order. They stretch and fill all parts of the boot or shoe thoroughly and simultaneously. Being mounted on a table with a swivel, all parts of the boot or shoe are brought convenient to the operator; and by the peculiarity of their construction they can be easily and quickly inserted or detached from the boot or shoe without defacing it, after the treeing is completed. They are adapted to all grades of work, coarse or fine.

## 291. L. S. Graves, Rochester, N. Y., U. S.

TEN SEPARATE AND DISTINCT PIECES OF MACHINERY FOR SHOE MANUFACTURERS.

*Report.*—No. 1. Stripping machine for cutting sides of leather in strips; cuts the heaviest stock dry. Simple, but a very useful machine.

No. 2. Splitting machine for splitting strips, with improved roll adjustment and friction drive and brake, steel rolls. An excellent machine, being strong and simply constructed.

Nos. 3 and 4. Rolling machines 24 and 31 inches, with friction and sudden stop, which is difficult to do when a balance-wheel is used, with a wide-hinged treadle, improved spring, running with but little noise. They are very good machines, strong and simple in their construction.

Nos. 5 and 6. Foot and power sole cutting machines (rolling die cutter). They are very useful and excellent machines.

No. 7. Beam sole cutting-machine, improved head adjustment, running noiselessly. We had neither material nor space to test the speed of the machine. We consider this a very