security of the works; the quantities of wood necessarily collected being exposed to accidents by fire, to which the rosin will not be liable.

THOMAS W. DYOTT.

Specification of an improvement upon the ordinary Machine for Carding Wool. Patented by DON MARCUS BACON, Huntington, Pennsylvania, Oct. 10, 1828.

My improvement upon the machine for carding wool, consists in raising the main cylinder of the carding machine, about fourteen inches above the frame, so that a larger portion of its surface may be made to act upon the small cylinders. In the ordinary machine, there are three or four workers, and two strippers: by my improvement, I usually employ seven workers, and three strippers. The seven workers are operated upon by two separate bands or cords, from the same whorl, on the doffer shaft. By this arrangement, three or four of them may, at any time, be stopped, when it is intended to run the wool twice through; or by running the whole number, the work may be completed at one operation. What I claim as my invention is the employment of the additional workers and strippers.

DON M. BACON.

Specification of a Triangular Measure-case Ruler, for delineating garments with, or by. Patented by ALLEN WARD, Philadelphia, October 11, 1828.

To make a triangular measure-case ruler, for delineating garments, I first procure three strips of tin or other metal plates, with which I form a triangular tube, having the edges of the metal strips turned outside, forming a trough or groove of each strip. I next proceed to solder the three troughs, or grooves, together, which, of course, forms a triangular tube, with the troughs or grooves outwards. I next prepare each side of the triangle for receiving the scales which are to be used therein, by regulating the depth of the groove or trough to the thickness of the scales, and by marking on each side of the triangular tube, some peculiar mark, such as is used in music to denote tunes, flats, sharps, &c.—any character will do to know the scales apart by. I have used a sharp to designate the scale of lengths, or heights, of each customer, and have marked the character on the side where the length scale belongs; and on the second side, I have marked the character of a *la*, or, in other words, a hollow square, which denotes the waist scale; lastly, I have marked the third side of the triangular tube with the character of a natural, which denotes the breast scale; and into these three grooves I slide each respective scale, according to the height and thickness of each customer. I also make some triangular measure-case rulers for delineating garments by, of wood, which answer the same purpose,