

inserted in a smaller hole a gold plug or pin, about one-tenth of an inch in diameter, and upon the surface of each pin are cut, a fine line transverse to the axis of the bar, and two lines at an interval of about one-hundredth of an inch parallel to the axis of the bar; the measure of length of the Dominion standard yard is given by the interval between the transverse line at one end and the transverse line at the other end, the part of each line which is employed being the point midway between the longitudinal lines; and the said points are in this Act referred to as the centres of the said gold plugs or pins, and such bar is marked "Mr. Baily's metal," "Standard Yard" "A," "Troughton and Simms, London." There are also, on the upper side of the bar, two holes for the insertion of the bulbs of suitable thermometers for the determination of temperature.

The Dominion standard for determining the weight of the Dominion standard pound is of platinum-iridium, the form being that of a cylinder nearly 1.35 inch in height and 1.15 inch in diameter, with a groove or channel round it, whose middle is about 0.34 inch below the top of the cylinder, for insertion of the points of the ivory fork by which it is to be lifted; the edges are carefully rounded off, and such standard pound is marked "A." The weight of this standard in terms of the Imperial standard is 6999.97694 grains when both are weighed *in vacuo* and 6999.98387 grains when both are weighed in air at the temperature of 62° of Fahrenheit's thermometer, the barometer being at 30 inches, and for which due allowance is to be made when comparing other standards.

The Dominion standard for determining the weight of the Dominion standard troy ounce is of platinum-iridium, the form being that of a truncated cone, with a knob, nearly $\frac{1}{16}$ ths of an inch in height, including the knob, the knob being nearly $\frac{1}{4}$ inch and the base of the cone $\frac{1}{2}$ inch in diameter, respectively, and such standard troy ounce is marked "A." The weight of this standard in terms of the Imperial standard is 479.99197 grains when both are weighed *in vacuo* and 480.03648 grains when both are weighed in air at the temperature of 62° of Fahrenheit's thermometer, the barometer being at 30 inches, for which due allowance is to be made when comparing other standards.

PART II.

PARLIAMENTARY COPIES OF DOMINION STANDARDS.

The following copies of the standards above mentioned in part one of this schedule were constructed at the same time as the above standards. They are of the same construction and form as the above standards, and they are respectively marked and deposited as follows:—

(1.) One of the copies of the Dominion standard for determining the Dominion standard yard, being a bronze bar marked "Mr. Baily's metal," "Standard Yard," "B,"