

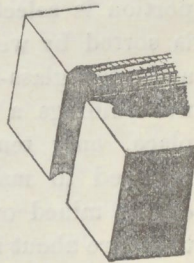
Retort, $3^m.12$ long $\times 0.66 \times 0.40$, weighing 810 kilog. = 1,620 lbs.; price, 100 francs = \$20. Retort, $2^m.75 \times 0.545 \times 0.315$, weighing 560 kilog. = 1,120 lbs.; price, 70 francs. Refractory bricks, for the crucible and boshes of blast-furnaces; price, 65 francs per 1,000 kilos = per ton. Bricks for rolling mills, Siemen's furnaces, Bessemer steel-works, coke-ovens, etc., at 35 francs per 1,000 kilos. = about \$7 per ton. Bricks—"artificial sandstone"—for chimneys and towers for the condensation of acids, at 50 francs per 1,000 kilos. *Cascade denitrante*, in artificial sandstone, at 130 francs per piece. Cylinder, in artificial sandstone, with bottom, $1^m.05$ high $\times 1^m.00$ in diameter, for condensing acids, at 85 francs per piece. Cylinder, in artificial sandstone, without bottom, $1^m.00 \times 1^m.00$ in diameter, for condensing acids, at 65 francs each.

This company also make a specialty of supplying furnaces and metallurgical establishments with refractory materials of the best quality, at the following rates: For glass-works' pots, crucibles, etc., 15 and 18 francs per 1,000 kilogs. Calcined earths for crucibles, at 28 to 35 francs. Calcined quartz, at 20 francs per 1,000 kilogs.

The establishment was founded in 1856, and it has received awards at several of the great exhibitions.

TONGUED AND GROOVED FIRE-BRICK.

A novelty, in the form of tongued and grooved fire-brick, was seen, but the exhibitor's name was not obtained. The annexed outline will give an idea of the form.



RETORTS FOR THE DISTILLATION OF ZINC.

N. J. DOR, *Director of the mines and works of M. L. de Lamine, à Ampsin près Huy (province de Liège)*, exhibited improved crucibles for the distillation of zinc, made under hydraulic pressure, in a machine specially designed for the purpose, invented by the exhibitor. This machine has been in operation for five years at the works of M. de Lamine, and similar machines are used at Vielle-Montagne and other establishments. The crucibles made in this manner are remark-