

CLIFF, JOSEPH, & SON, *Wortley, near Leeds.*—Clay retorts, fire-bricks, sanitary pipes, chimney tops, terra cotta ornaments, &c.

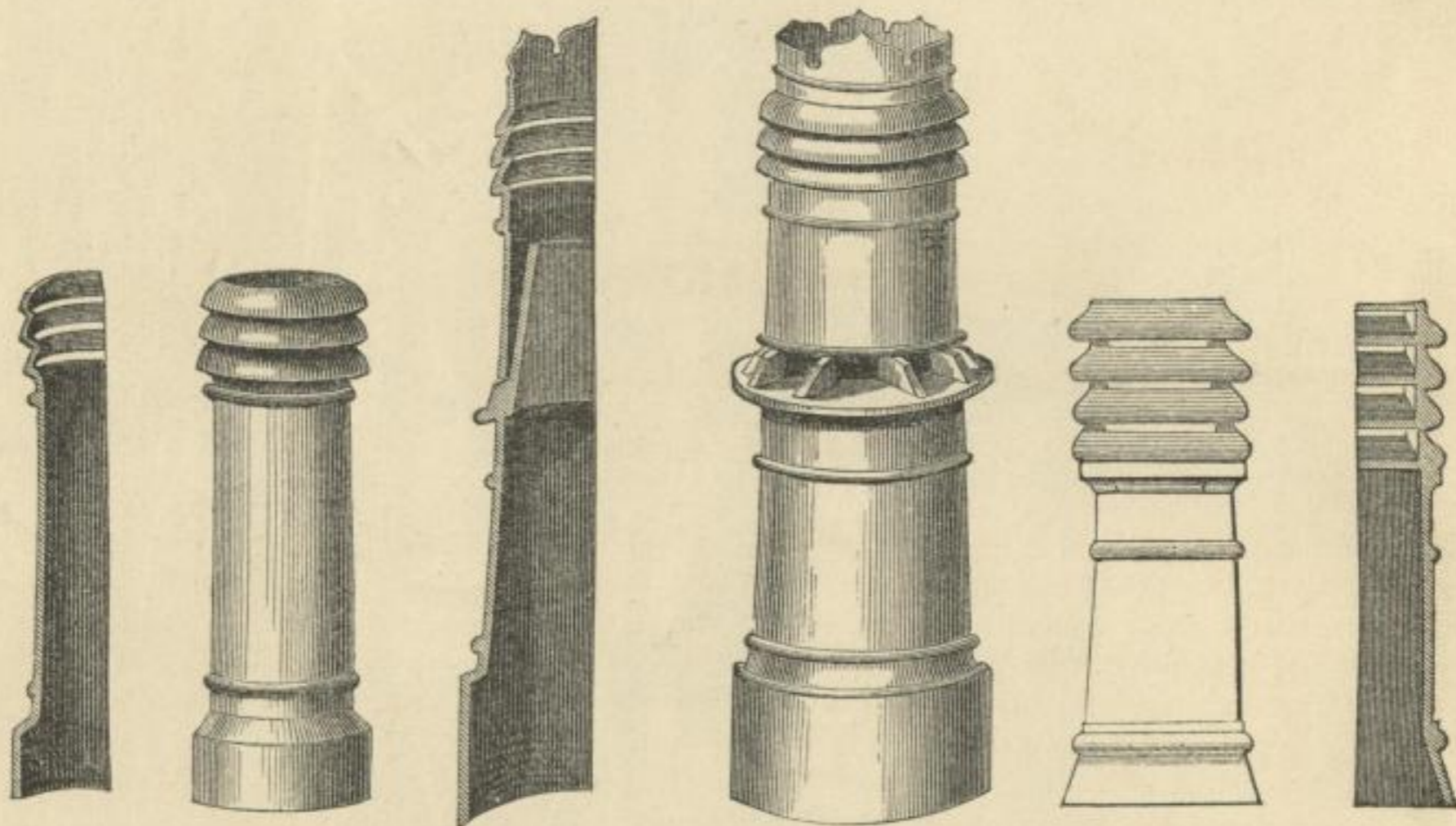


Cliff's patent enamelled clay retort is especially adapted for the use of gas works, by its smooth interior, and freedom from fire-cracks, by which the adhesion of carbon is prevented.

Its excellence is attested by the experience of the leading gas engineers of the day.

Cliff's Wortley fire-bricks are the most durable bricks manufactured for forge purposes, and the linings of blast-furnaces and glass-works.

The following designs in terra cotta chimney tops have proved themselves the most efficient wind guards introduced.



TERRA COTTA CHIMNEYS.

JOSEPH CLIFF and SON are the largest manufacturers of the patent salt-glazed socketed drain pipes in the kingdom. These pipes are made, in circular, up to 54 inches diameter, and in egg-shape, to 36×24,

for sewer and water culverts. They can be shipped in any quantity, and in all sizes, from 2-inch to 36-inch diameter, at the ports of London, Liverpool, or Hull.



London depot, No. 4 Wharf, inside Great Northern Goods Station, King's Cross, N. M. B. Newton, agent,

who will have pleasure in attending to any correspondence or appointment during visitors' stay in London.