

of wooden tubes, of about 30 inches long, and three quarters of an inch in diameter, which run on a rope or cord, and fasten into one another, to any length. To the upper tube is fastened a square brush, the block of which is about six inches long by three wide, and from it, on all sides, issues *beath, broom*, or any other stiff but flexible substance, large enough to fill the breadth of the chimney. The tubes are about 30 inches long, of course the joints between each will bend to the most crooked chimney, and in coming down must clear the corners, ledges, &c. which are sometimes found in chimnies. In the course of the present month, Mr. Smart has in the presence of many respectable witnesses effectually cleansed several lofty and crooked chimnies. So completely does this invention answer the plan proposed by the several societies who have undertaken to advocate the cause of the poor climbing-boys that nothing is now wanting to put an end to the common mode of chimney-sweeping. By Mr. Smart's method, a chimney 50 feet high may be swept in six or eight minutes, and with much less dirt than happens by the common mode.

Dr. Baimi has discovered that the strength of gunpowder can be considerably increased by the addition of about one-fifth part, in weight, of pulverized quick lime. No preparation is necessary but to shake the whole together till the white colour of the lime disappears.

*Journey of Mont Blanc.*—M. Forneret, of Daufanne, and the Baron de Lortherin, have undertaken a new Journey to Mont Blanc. After two day's travel, they arrived at the summit, when the tempestuous weather obliged them to sit rolled up together with their guides, for fear of

being precipitated. The cold which they felt here was six degrees beneath the freezing point; the variety of the air, and the extreme pungency of the cold, lacerated their lungs in so cruel a manner, that they declared no motive should induce them ever to recommence so painful a journey.

#### *Æther employed in cases of burns.*

As one of the labourers employed in the laboratory at an Apothecaries on Thursday, was charging with oil of vitriol a glass retort, by some inattention it was thrown over the man's face, in consequence of which he was immediately blinded, and his forehead and cheeks vesicated. Fortunately for the sufferer, æther was instantly employed, and a constant stream of air kept up by means of a pair of bellows, which in the course of half an hour, by its astonishing production of cold, relieved him entirely of pain, and by a continued application of it one hour and a half longer, the bladders were completely reduced, leaving the face only swelled, with a sensation of stiffness on the skin. The whole quantity used was from a pint and a half to a quart.—This is the second instance of the wonderful efficacy of æther; it also has been found highly beneficial in burns and scalds.

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#### MISCELLANEOUS ARTICLES.

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The number of inhabitants of the colony of Havanna, amounts to 257,000 free men, 405,000 slaves. The products for exportation are, 98,000 casks of sugar, from 4 to 500 cwt. each; 100,000 bales of leather; 50,000 cwt. of snuff; 20,000 cwt. of tobacco in leaves; 9000 cwt. of coffee; 6000 cwt. of wax; 1500