



CLASS XIII.

PHILOSOPHICAL INSTRUMENTS, AND PROCESSES DEPENDING UPON THEIR USE.

[ 2845 ]

ACKLAND, WILLIAM, 19 *Church Row, Newington Butts*.—Dividing engine, and instruments divided thereby.

[ 2846 ]

ADIE, PATRICK, 395 *Strand*.—Patent semicircle; patent diastameter; patent theodolite level; patent level; patent surveying compasses; standard barometer; eidograph (Wallace's).

[ 2847 ]

ADIE, RICHARD, 55 *Bold Street, Liverpool*.—A gold disc steam and vacuum gauge; an alcohol hermetic barometer; a double telescope.

[ 2848 ]

ALDOUS, W. LENS, 47 *Liverpool Street, King's Cross*.—Microscopic drawings of the human breath, and other curiosities.

[ 2849 ]

ALISON, DR. S., 80 *Park Street, W*.—Differential double stethoscope; sphygmoscopes; stethogoniometer; and hydrophone, used in chest diseases.

[ 2850 ]

ALLAN, THOMAS, C.E., 1 *Adelphi Terrace, Strand, W.C*.—Mechanical or automatic recording telegraph; electro-magnetic engine; submarine cables, &c.

[ 2851 ]

BAGOT, CHARLES E., M.D., *Claremont Mall, Dublin*.—Nephelescope, for viewing the upper strata of clouds.

[ 2852 ]

BAILEY, J. W., 162 *Fenchurch Street, London*.—Sextants; artificial horizons; theodolites; levels; prismatic compasses; drawing instruments.

Pillar sextant, on counterpoise stand.  
Bell metal and box sextants.  
Gravatt's dumpy level.  
Transit and Everest's theodolites.  
Prismatic compass.

Artificial horizons, mercurial and dark glass.  
Universal compass (a new method of describing an ellipse), which comprises triangular and hair compasses, pen, and pencil joints; and forms a complete set of instruments.

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