



New patents

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A Geological Survey of the Environs of Philadelphia. By M. Froost.

Su i valori delle Misure e dei Pesi degli antichi Romani, desunti dagli originali esistenti nel real Museo Borbonico di Napoli, &c.

Considérations sur la diversité des Bassins de diferentes Races Humaines, par M. G. Vrolik, D.M.

Nouvelles Règles sur l'art de Formuler; par H. Briand, D. M. &c.

Considérations chimiques et médicales sur l'Eau de Selters ou de Seltz naturelle; par M.M. Caventou, François, Gasc, et Marc.

NEW PATENTS.

To Thomas Machell, of Berners-street, Oxford-street, surgeon, for improvements on apparatus applicable to the burning of oil, &c.—Dated the 8th of December 1826.—6 months allowed to enrol specification.

To Robert Dickinson, of New Park-street, Southwark, for an invention for the formation, coating and covering of vessels or packages for containing, preserving, or conveying goods, whether liquid or solid, &c.—8th of December.—6 months.

To Charles Pearson, of Greenwich, esquire, Richard Witty, of Hanley, Staffordshire, engineer, and William Gillman, of White-chapel, engineer, for a method of applying heat to certain useful purposes.—13th of December.—6 months.

To Charles Harsleben, of Great Ormond-street, esquire, for his machinery for facilitating the working of mines and extraction of diamonds, &c. gold, silver, &c. from the ore, the earth, or the sand; applicable likewise to other purposes.—13th of Dec.—6 months.

To John Costigin, of Collon, in the county of Louth, civil engineer, for improvements in steam machinery or apparatus.—13th of December.—6 months.

To Peter Mackay, of Great Union-street, Borough Road, for improvements by which the names of streets and other inscriptions will be rendered more durable and conspicuous.—13th of December.—6 months.

To William Johnson, of Droitwich, for improvements in the mode of process and form of apparatus for the manufacturing of salt and other purposes.—18th of December.—6 months.

To Maurice De Jough, of Warrington, cotton-spinner, for improvements in machinery or apparatus for preparing rovings, and for spinning and winding fibrous substances.—18th of December.—6 months.

To Charles Harsleben, of Great Ormond-street, esquire, for improvements in building ships and other vessels, applicable to various purposes for propelling the same.—20th of December.—6 months.

To Thomas Quarrill, of Peter's Hill, London, for improvements in the manufacture of lamps.—20th of December.—6 months.

To William Kingston, master millwright of Portsmouth Dock-yard, and George Stebbing, mathematical instrument-maker, of High-street, Portsmouth, for improvements on instruments or apparatus for the more readily or certainly ascertaining the time and stability of ships or other vessels.—20th of December.—6 months.

To

To Melvil Wilson, of Warnford-court, Throgmorton-street, for improvements in machinery for cleaning rice.—20th of Dec.—6 mo.

To Charles Scidler, of No. 1, Crawford-street, Portman-square, for a method of drawing water out of mines, wells, pits, and other places.—20th of December.—6 months.

To Frederick Andrews, of Stanford Rivers, Essex, for improvements in the construction of carriages and in the engines or machinery to propel the same, to be operated upon by steam or other suitable power.—20th of December.—6 months.

To Charles Random Baron de Barenza, of Target Cottage, Kentish Town, for improvements in gunpowder-flasks, powder-horns, or other utensils of different shapes, such as are used for carrying gunpowder, in order to load therefrom guns, pistols, and other fire-arms.—20th of December.—6 months.

To Valentine Bartholomew, of Great Marlborough-street, for his improvement in shades for lamps, &c.—21st of Dec.—2 months.

To John Gregory Hancock, of Birmingham, plated beading and canister hinge manufacturer, for a new elastic rod for umbrellas and other the like purposes.—21st of December.—2 months.

METEOROLOGICAL OBSERVATIONS FOR NOVEMBER 1826.

Gosport.—Numerical Results for the Month.

Barom. Max. 30.40 Nov. 21. Wind N.E.—Min. 28.60 Nov. 13. Wind N. Range of the mercury 1.80.

Mean barometrical pressure for the month 29.776

———— for the lunar period ending the 28th instant 29.811

———— for 15 days with the Moon in North declination 29.894

———— for 14 days with the Moon in South declination 29.728

Spaces described by the rising and falling of the mercury 7.980

Greatest variation in 24 hours 0.900.—Number of changes 17.

Therm. Max. 59° Nov. 11. Wind S.W.—Min. 29° Nov. 26. Wind N.W.

Range 30°.—Mean temp. of exter. air 44.88°. For 30 days with ☉ in Δ 47.02.

Max. var. in 24 hours 20°.00—Mean temp. of spring water at 8 A.M. 54° 30.

De Luc's Whalebone Hygrometer.

Greatest humidity of the air in the evening of the 13th 98.00°

Greatest dryness of the air in the afternoon of the 8th 49.00

Range of the index 49.00

Mean at 2 P.M. 65.7—Mean at 8 A.M. 73.2—Mean at 8 P.M. 75.2

—— of three observations each day at 8, 2, and 8 o'clock 71.4

Evaporation for the month 1.15 inch.

Rain near ground 3.640 inches.—Rain 23 feet high 3.410 inches.

Prevailing wind, North.

Summary of the Weather.

A clear sky, 5; fine, with various modifications of clouds, 10½; an overcast sky without rain, 7½; foggy, ½; rain, 6½.—Total 30 days.

Clouds.

Cirrus. Cirrocumulus. Cirrostratus. Stratus. Cumulus. Cumulostr. Nimbus.
17 7 29 0 17 16 17

Scale of the prevailing Winds.

N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Days.
8	5	1	1	1	4	3	7	30

General