

appliances used for gas lighting in the present paper, the name of the inventor of this improved system of illumination, and the time when it was introduced, deserves to be recorded. Coal gas as an illuminant was invented by William Murdoch, partner in the firm of Bolton and Watt, Soho Works, Birmingham, and he first exhibited it in public on the occasion of the Peace of Amiens in the year 1802.¹ William Murdoch was born at Bellow Mill, near Auchinleck, Ayrshire, August 21, 1754. He lighted his own house and offices at Redruth, in Cornwall, with gas in 1793.

Electricity and paraffin, for purposes of illumination, are of too recent origin to be treated of in the present paper.

MONDAY, 13th February 1888.

PROFESSOR DUNS, D.D., in the Chair.

A Ballot having been taken, the following Gentlemen were duly elected Fellows :—

JAMES FLEMING, jun., Kilmory, Skelmorlie.

GEORGE REID, R.S.A., 17 Carlton Terrace.

REV. ALEXANDER THOMSON, D.D., Constantinople.

The following Donations to the Museum and Library were laid on the table, and thanks voted to the Donors :—

(1) By Miss FRASER, 60 Hogarth Road, London.

Gold filigree Watch-Case, said to have belonged to King James VI.

Gold filigree Tablet-Cover, said to have belonged to Queen Anne.

Small Pin-Cushion, said to have belonged to Queen Mary, but not of the time of Mary Queen of Scots.

Sleeve-Link, with hair inserted in a square, with gold border, on

¹ See letter by Mr S. Adams, an eye-witness, in the *Standard*, July 3, 1883.

which is a crown and the letters J.R., and round it GOD SAVE THE KING.

Miniature in oils of the Prince James, son of James VII., as a child.

Small Miniature of Prince Charles Edward Stuart, forming a locket, with some of his hair gummed down on the back.

In a letter announcing the donation, Miss Fraser gives the following particulars of the history so far as known of these objects :—

60 HOGARTH ROAD, LONDON, *Oct.* 13, 1887.

SIR,—I am sending some Stuart relics which I have decided to present to the Edinburgh Museum of Antiquities. These treasures were bequeathed to me by my aunt, Mary Bagot, who received them from Mrs Bowdler, then a widow, the survivor of all her children. My aunt wrote down what Mrs Bowdler told her about the treasures, but there is no clue to their history from the time of the Stuarts to our own times. I find in my aunt's journal that her maternal grandfather "the Rev. William Ward, was a Non-juring minister, and as such officiated for many years as chaplain in the family of Thomas Bowdler, Esq., and Elizabeth Stuarda, his wife, both families being amongst the most devoted adherents of the ejected royal race. Mrs Bowdler was the daughter of R. Cotton of Conington, Huntingdonshire. Her husband's stock was one of the most ancient in Salop, of Hope Bowdler, near Church Stretton."

Mary, the only daughter of the above mentioned Rev. William Ward, was left an orphan, and brought up by Mr Bowdler. She became the second wife of the Rev. Walter Bagot of Bathfield, my maternal grandfather, and her family and the Bowdlers remained on terms of intimacy as long as any of the latter survived.

The miniatures and the watch-case and tablet-cover were exhibited at a loan exhibition at the South Kensington Museum, I think in 1866.

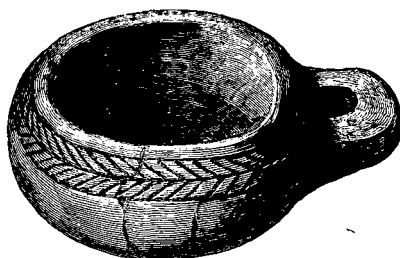
(2) By Sir HERBERT EUSTACE MAXWELL, Bart., M.P., F.S.A. Scot.

Carle, or wooden Candlestick, formerly used with the big spinning wheel, from Glenkens, Galloway. [See the subsequent communication by Sir Herbert Maxwell.]

(3) By Dr ROBERT DE BRUS TROTTER, Tayview House, Perth.

Stone Cup, of micaceous sandstone, 5 inches diameter, with flat handle $2\frac{1}{2}$ inches wide, projecting $1\frac{1}{2}$ inches from the side, pierced vertically with a hole $\frac{3}{4}$ inch in diameter. The cavity of the cup measures $3\frac{3}{4}$ inches in diameter and $2\frac{1}{2}$ inches in depth. The brim is

slightly rounded, and the exterior is ornamented with a band of herring-bone work 1 inch in width, extending horizontally round the circumference immediately under the brim. It was found near Needless, on the west side of Perth, in making an extension of Queen Street.



Stone Cup found at Needless (5 inches diameter).

Bronze Pin, $4\frac{1}{2}$ inches in length, with cylindrical head placed at right angles to the stem, found in digging the foundation of a house in High Street, Perth.

(4) By JOSEPH BISSETT, 67 Hanover Street.

Three Arrow-Heads of flint, from the Culbin Sands, Morayshire.

(5) By W. IVISON MACADAM, F.S.A. Scot.

Bead of a bluish-black vitreous paste, from Strathlachlan. Its shape is oval, 1 inch by $\frac{3}{4}$ inch and $\frac{1}{2}$ inch in thickness, the central hole $\frac{1}{4}$ inch diameter, and the exterior ornamented with a plait of two strands in yellow, with greenish spots in the openings of the plait.

(6) By EDWIN MILLIDGE, F.S.A. Scot., Jeweller, Princes Street.

Jewel-Box or Coffier of wrought iron, 9 inches in length by $4\frac{3}{4}$ inches in height and $4\frac{1}{2}$ inches in width. The lid hinged on three straps riveted down the back, and ornamented on the top with raised quatrefoils, the lock on the inside of the lid, and the key-hole in the middle strap, with a guard turning on a pivot over it.

(7) By ARTHUR ANDERSON, C.B., M.D., F.S.A. Scot., Pitlochry.

Stone Axe of greenstone, 4 inches in length by $2\frac{1}{2}$ inches across

the cutting face, the upper part roughly chipped, the cutting face rubbed smooth, from Northern Australia.

(8) By the SECRETARY OF STATE IN COUNCIL, of India.

The Buddhist Stupas of Amaravati and Jaggayapata, Archæological Survey of Southern India. Vol. I.

(9) By Major WILLIAM BRUCE ARMSTRONG, the Author, through R. B. ARMSTRONG, F.S.A. Scot.

Notes on the Baronial House of Bruce of Airth. By Major William Bruce Armstrong. Privately printed.

(10) By EDWIN BROCHOLST LIVINGSTON, F.S.A. Scot., the Author.

The Livingstons of Callendar and their principal Cadets; a Family History. Part 1. 4to. Privately printed.

(11) By PATRICK DUDGEON, F.S.A. Scot.

"Mac's" in Galloway. 8vo, pp. 15. Dumfries, 1887.

There were also Exhibited :—

(1) By Lady MAXWELL.

Carle, or wooden Candlestick, with round base supported on three short feet. [See the subsequent communication by Sir Herbert Maxwell.]

(2) By Major-General The Hon. A. STEWART, F.S.A. Scot.

Carle, or wooden Candlestick, with round base supported on three long feet. [See the subsequent communication by Sir Herbert Maxwell.]

(3) By Sir HERBERT EUSTACE MAXWELL, Bart., M.P., F.S.A. Scot.

Portion of a large collection of Antiquities in stone and bronze, from Wigtownshire and Kirkcudbrightshire, now presented to the Museum; to be described along with the remaining portion to be subsequently sent for presentation to the Museum.

(4) By DAVID MARSHALL, F.S.A. Scot., Kinross.

Old Curling Stone, or Channel Stane, a natural boulder, with indented hollows instead of a handle, found in Lochleven, Kinross-shire.

The following Communications were read :—