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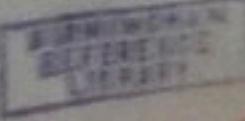
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 602 TROCHEAMETER, or an instrument for ascertaining the revolutions of carriage wheels  
 603 Pair of pocket pistols  
 604 Rifled barrel breech-loading ditto, by *Panly & Co., Paris*  
 605 Hygrometer and three thermometers  
 606 Compass, in mahogany case  
 607 Electrical machine  
 608 Three water hammers  
 609 Case, containing SPECIMENS OF MINERALS  
 610 Ditto containing 150 ditto ditto  
 611 Two cases, containing 100 SPECIMENS OF EARTHEN-  
     WARE, (shown at the Great Exhibition), either together or  
     separate *see Catalogue p. 99.*

CLASS 1.—The articles contained in this class were manufactured prior to the seventeenth century, if not earlier than the reign of Queen Elizabeth. The clay used in the body of this ware is of a bright deep yellow colour, technically described in the Potteries as "Rough Tom," and when submitted to a very high degree of heat becomes a deep red. The vessels, when removed from the thrower's wheel, had laid upon them pounded or finely pulverised lead ore, dusted on each from a hair cloth bag, and afterwards dried gradually, and then fired in the oven.

CLASS 2—Manufactured in the 17th century. The yellow clay already mentioned is used in making some of these articles, and others of a grey coloured marl found in the strata lying over the coal measures in the district: when fired at a high temperature becomes a pale fawn colour or drab, and, being porous, easily attracted the lead ore, and was thereby vitrified. The white ornaments are from clay used by pipe-makers, obtained from Devonshire, and being shipped at Bideford, was called Bideford clay.

CLASS 3.—The clay of which this ware is made is found only in three or four plats of land west of Burslem, on the Bradwell Hall Estate, and at Brownhills, in the same neighbourhood. In appearance it much resembles the ancient Samain Ware. Bradwell Hall is situated at the angle of the Praetarium of the Roman Station at Chesterton, and there

Note to Page 24.

Lot. No 611.

This collection of pottery was bought  
for £10-10-0 on behalf of the Midland  
Institute, but its whereabouts cannot  
now be ascertained. Mr. C. J. Woodward  
made a diligent search for it in 1915  
in the Art Gallery, at Aston Hall, and  
other likely places, but without success.

January 15. 1916

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is good reason to suppose that some of the Roman soldiers were potters, and on finding clay so suitable for their purpose, practised the art in that neighbourhood. The ware in this class was made by the brothers Elers, of and from Nuremberg, about 1680 to 1710.

**CLASS 5 A.**—Manufactured early in the eighteenth century, or reign of George II. The clay is technically called coal marl, and found in the Potteries mixed with Devon clay and ude cap sand. The ornaments are of Devon clay only, with an addition of ground flint. The glaze is produced by salt thrown upon the ware at a high temperature whilst firing in the oven.

**CLASS 5 B.**—Manufactured about 1740 to 1760. The clay is without the can marl and Devon clay, in other respects it is the same as Class 5 A, and is also covered with salt glaze, producing semi-vitrification.

**CLASS 6.**—Manufactured about the middle of the eighteenth century or 1750. The body of this kind of ware is composed of Devonshire clay, and from Dorsetshire, also mixed with calcined flint, ground in water to an impalpable powder. The glaze is composed of litharge or white lead mixed with flint and other materials ground together in water, and whilst in a liquid state, the ware which had previously been fired through the oven, and is in that state technically called "biscuit," being porous, the ware dipped in a liquid glaze, suddenly dries and adheres to it, then undergoes another firing through the glass oven.

- 613 Mahogany stand for camera
- 614 Iron casting, "Goethe," on pedestal
- 615 Thermometer and compass, on metallic stand
- 616 Case of drawing instruments
- 617 Ditto, ditto
- 618 Sector, map measurer, three pairs of compasses, and drawing pen
- 619 Two gauges and 2 feet rule
- 620 Rain-gauge

## WINES,

*Which will be offered precisely at ONE O'CLOCK.*

BIN 1.

- 621 3 bottles Burgogne Musseux, and 4 bottles of Hock

BIN 2.

- 622 3 bottles Claret, and 4 pints ditto

BIN 3.

- 623 5 bottles ditto, and 7 pints ditto

BIN 5.

- 624 9 bottles Claret

BIN 6.

- 625 14 dozens ditto, in lots of 2 dozen each

BIN 4.

- 626 10 bottles ditto

BIN 7.

- 627 4 bottles Vin Bordeaux

BIN 8.

- 628 18 bottles American Cider

BIN 9.

- 629 4 bottles Sparkling Moselle, and 1 bottle Champagne

BIN 10.

- 630 14 bottles Claret

## LOT

## BIN 11.

- 631 2 bottles Vin Bordeaux, 1 Frontignac, and 3 various  
 632 20 bottles Roberts's British Wines

## BIN 12.

- 633 13 bottles Claret

## BIN 13.

- 634 10 bottles Frontignac, and 1 bottle Hermitage  
 BIN 14.

- 635 25 bottles Claret

## BIN 15.

- 636 10 bottles Champagne

## BIN 16.

- 637 7 bottles Hockheimer. 1834

## BIN 17.

- 638 20 bottles of Roberts's British Wines, various

**MAGAZINES, NEWSPAPERS, &c.**

- 639 Chemical Gazette, 19 plates, Nos. 1 to 122 (wanting No. 6,  
 157, 196, 210, 211, 212, and 213)

- 640 Franklin's Institute, third series, Nos. 277 to 382 (wanting  
 No. 298, 299, 309, 325, 327, 329)

- 641 Ditto, new series, 118 Nos. all various ; ditto, 23 Nos. odd, of  
 different series

- 642 Journal of Agriculture, Nos. 1 to 42 (wanting 16, 39, 41, 43,  
 and 44)

- 643 Rural Cyclopædia, part 1 to 16

- 644 The Plough, part 1 to 18 (wanting 16)

- 645 Horticultural Magazine, Nos. 62 to 79 (wanting 77), and 35  
 Nos. 1847 to January 1850

- 646 Farmer's Magazine, vol. 1, half bound ; and 41 parts, various

- 647 Newton's London Journal, 137 Nos.—1842, 9 Nos. ; 1843,  
 complete ; 1844, 77 Nos. ; 1845, 1846, 1847, and 1848,  
 complete ; 1849, 11 Nos. ; 1850, complete ; 1851, 9 Nos.  
 1852, complete ; 1853, 11 Nos. ; 1854, 3 Nos. ; 1849,  
 parts, and 5 duplicate Nos.

- 648 Archaeological Journal, 20 parts

- 649 Mechanic's Magazine, 2 vols. 1, and 1 vol. 2, half bound ; and  
 1089 Nos.

- 650 A great quantity of Prosser's Patent Law Amendment Act

- 651 Handmarch on Defects on the Patent Laws, 11 Nos. ; London  
 Magazine, January to November, 1824 (wanting April) ;  
 Franklin's Journal, 15 Nos. various ; and London Labour  
 and London Poor, 6 parts complete

- 652 Horticultural Magazine, parts 1 to 7 ; and

- 653 Engineer and Machinist, Nos. 1 to 21 (wanting 7, 17, 18, 19) ;  
 and Railway Magazine, 3 vols. half bound ; and 9 parts,  
 various

- 654 Maund's Botanic Garden, 43 Nos.  
 655 Journal of Royal Agricultural Society of England, 13 parts  
 656 Old England, 24 Nos.  
 657 Horticultural Transactions, 29 parts  
 658 Partington's British Cyclopædia, 37 parts ; and The Architect,  
     Engineer, and Surveyor  
 659 Penny Magazine, 60 Nos.  
 660 The Artizan, 93 Nos.  
 661 The Civil Engineer, 109 Nos. and 3 vols. half bound  
 662 Brooks's Designs for Cottage and Villa Architecture, 37 Nos.  
 663 Art Union, 52 parts, in 1844 to 1848  
 664 The Farmer and Mechanic, 159 Nos.  
 665 Library of Useful Knowledge, 48 Nos.  
 666 American Railway Journal, 182 Nos.  
 667 The Builder, 181 Nos.  
 668 The Chemical Times, 43 Nos.  
 669 The Architect and Engineer, 13 parts and 48 Nos.  
 670 Douglas Jerrold's Weekly Newspaper, 118 Nos.  
 671 Pharmaceutical Times, 103 Nos.  
 672 Athenæum, 73 Nos.  
 673 Punch, 79 Nos.  
 674 Patent Journal, 36 Nos. ; and Inventor's Advocate  
 675 Gardener's Chronicle, 246 Nos.  
 676 Illustrated London News, 327 Nos.  
 677 Pictorial Times, 125 Nos.  
 678 Lot of Pamphlets  
 679 Ditto            ditto  
 680 Ditto            ditto  
 681 Ditto            ditio  
 682 Ditto            ditto  
 683 Ditto            ditto  
 684 Ditto            ditto  
 685 Ditto            ditto  
 686 Ditto            ditto  
 687 Ditto            ditto  
 688 Ditto            ditto  
 689 Ditto            ditto  
 690 Ditto            ditto  
 691 Ten Books of Prints, various  
 692 Twenty-six Pamphlets, principally religious  
 693 Thirty-nine Pamphlets, on various subjects  
 694 Fourteen Railway Guides  
 695 Quantity of Pamphlets, New and Admirable Art of Setting  
     Corn, in bds. ; in lots  
 696 74 Newspapers, "Times" (including Supplement) for 1851; 80  
     ditto, various years ; and 134 ditto, "Daily News" for 1851  
 697 29 Birmingham Newspapers, 27 "The Newspaper," 37  
     "Journal for the Society of Arts"  
 698 43 "The Penny Mechanic," "The Art Journal," "English  
     Journal," 3 parts ; and 27 "Lumley's Bibliographical Ad-  
     vertiser"

- LOT 699 13 "Popular Education," 232 "The Builder," and 3 "Engi-  
neer's and Architect's Journal"
- 700 Rudiments of Antient Architecture, Reports on Training of  
Pauper Children, and The Merchant's Study, and two others
- 701 The Picture Gallery
- 702 The Herald for Europe
- 703 360 Mining Journals, 4 Nos. various, 10 Nos. of the Mining  
Review, Stephenson's Atmospheric Railway System, and  
four other Pamphlets
- 704 Examples of Irish Pavement Tiles, 6 parts
- 705 Practical Mechanic and Farmer's Magazine, vols. 1, 2, 3, 4,  
The Arts, part 3 and 7 (six separate parcels); James's Mag-  
azine, vols. 26, 27, 28, and 29; and Quantity of American  
Newspapers
- 706 Archæological Album, Nos. 1, 2, 3, 4, 5, 6, complete
- 707 Alphabets of the Middle Ages, Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 11
- 708 Gallery of Portraits, Nos. 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 21, 23
- 709 Magazine of Domestic Economy
- 710 Churches of Holland (wants No. 12 to complete)
- 711 Record of Patent Inventions
- 712 Patent Journal and Inventor's Magazine
- 713 Jamieson's Mechanics for Practical Men
- 714 About 200 Reports of Committees of Houses of Lords and  
Commons, various