

BOWER, GEORGE—*continued.*

CITIES, TOWNS, AND VILLAGES.

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| Bourn.....Lincolnshire, remodelled. | Harlingen.....The Netherlands. | Red HillSurrey. |
| Beaufort.....Breconshire. | Irthlingboro' ..Northamptonshire. | Saffron Walden.Essex, remodelled. |
| Bishop's Castle.Salop. | King's Cliffe...Northamptonshire. | San Sebastian.Spain. |
| Bolsover.....Derbyshire. | Kimbolton.....Huntingdonshire. | Sandy.....Bedfordshire. |
| CaistorLincolnshire. | March.....Cambridge, remodelled. | St. IvesHunts, remodelled. |
| Casale.....Piedmont. | Middleham ...Yorkshire. | St. NeotsHunts, remodelled. |
| Crickhowell.....South Wales. | MilvertonSomersetshire. | StevenageHertfordshire. |
| Coalville.....Leicestershire. | Mountsorrel ...Leicestershire. | Swineshead ...Lincolnshire. |
| Collingham ...Nottinghamshire. | Oakham.....Rutland, remodelled. | SpaBelgium. |
| Donnington ...Lincolnshire. | Parmerende...The Netherlands.—Plant | SystonLeicestershire. |
| DokkumThe Netherlands. | PottonBedfordshire. [only. | Wellingborough.Norths., remodelled. |
| GefleSweden. | QuorndonLeicestershire. | Whittlesea ...Cambs., remodelled. |
| Higham Ferrars.Northamptonshire. | RedbournHertfordshire. | WhitwickLeicestershire. |
| Hatfield.....Hertfordshire. | ReptonDerbyshire. | WigstonLeicestershire. |

FACTORIES, RAILWAY STATIONS, AND COLLIERIES.

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| Abersychan | South Wales | Iron Works. |
| Allen, J., Esq. | Ivy Bridge, near Plymouth | Paper Factory. |
| Barrow, R., Esq.... .. | Staveley | Three Coal Pits. |
| Bolckow and Vaughan | Middlesboro'-on-Tees | Iron Works. |
| Bayer and Co. | Sourabaya, Dutch East Indies... .. | Sugar Works. |
| Bolckow and Vaughan | Eston, near Stockton | Iron Works. |
| Brown, Humphrey, Esq. | Tewkesbury | Silk Factory. |
| Brymbo Iron Company | Near Wrexham | Iron Works. |
| Cocker and Sons... .. | Hathersage, near Sheffield | Needle Factory. |
| Castelli, M. | Serravelle, Italy | Cotton Factory. |
| Combe and Co. | Wolvercott, near Oxford | Paper Mill. |
| Ebbw Vale Company | Near Newport, Monmouthshire. | Iron Works. |
| Gordon, J., Esq.... .. | 33, New Broad Street, London | For Export. |
| Harrison, Ainslie, and Co. | Lyndal, Lancashire | Iron Works. |
| Hepburn and Sons | Dartford | Tannery. |
| Italian Government | Montcalier | State Railway Station. |
| Lansdorff, The Count | St. Petersburg | Cotton Mill. |
| Moscow Sugar Factory Company | Moscow | Sugar Works. |
| Mancardi, S., Esq. | Turin, Piedmont... .. | Silk Mill. |
| Midland Railway Company | Toton, Nottinghamshire | Siding and Station. |
| Metallic Works Company | St. Petersburg | General Metal Works. |
| Milne, H. B., Esq. | Gefle, Sweden | Saw Mill for Gas from saw dust. |
| National Silk Spinning Company | Novara, Piedmont | Silk Mill. |
| Russian Spinning Company | St. Petersburg | Cotton Mill. |
| Rignon and Co. | Savigliano, Piedmont | Silk Mill. |
| Sampson Mill Company | St. Petersburg | Cotton Mill. |
| Schipoff and Co. | Moscow | Cotton Mill. |
| Smith and Sons | Watford, Hertfordshire | Paper Mill. |
| Gilineshoff, S. W., Esq. | St. Petersburg | Spinning Mill. |
| Shute, Thomas, Esq. | Watford, Hertfordshire | Silk Mill. |
| Saunders, Thomas, Esq. | Dartford | Paper Mill. |
| Towgood, Messrs., Brothers | St. Neots | Paper Mill. |
| Towgood, Alfred, Esq. | Helpstone, Peterborough | Paper Mill. |
| Treschow, T., Esq. | Lorwig, Norway | Iron Works. |
| Tzarskoe Railway Company | St. Petersburg | Gardens and Railway Station. |
| Taylor and Robinson | Rastrick, Huddersfield | Woollen Mill. |
| Tunnel under Mount Cenis | Bardoneche | Italy. |
| Vitale, Placido, Esq. | Messina | The New Theatre. |
| Whalley and Hardman | Kirkham, near Preston | Cotton Factory. |

PRIVATE ESTABLISHMENTS.

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| Marlborough, His Grace the Duke of, Blenheim Palace, Woodstock, Oxfordshire. | Gwyn, Howell, Esq., Dyffryn House, Neath. |
| Westmoreland, Right Honourable the Earl of, Apthorpe Park, Wansford, Lincolnshire. | Harter, Rev., Cranfield Court, Newport Pagnell. |
| Roden, Right Honourable the Earl of, Tollymore Park, County Down, Ireland. | Haigh, G. H., Esq., Grainsby Hall, near Louth, Lincolnshire. |
| Macclesfield, The Right Honourable Lord, Sherborn Castle, Oxfordshire. | Ledeboer, J., Esq., Macassar, Dutch East Indies. |
| Ashby, Captain, Nazeby Woolleys, Northamptonshire. | Newton, Geo., Esq., Croxton Park, Cambridgeshire. |
| Bolckow, J., Esq., Marton Hall, near Middlesborough. | Pearce, J. D. M., Esq., M.A., Craufurd College, Maidenhead. |
| Benyon, Rev. E. R., Culford Hall, Bury St. Edmunds. | Roden, R. B., Esq., Ponty Moil, South Wales. |
| Benyon, R., Esq., M.P., Englefield, Reading. | Stevens, Rev. T., St. Andrew's College, Bradfield, near Reading. |
| Fothergill, R., Esq., Abernant House, Aberdare. | Vaughan, John, Esq., Middlesboro'-on-Tees. |
| | Vansittart, S. H., Esq., Bisham Abbey, Maidenhead. |

In reference to illuminating gas it is noticeable, that though many articles, such as oil, peat, resin, &c., readily produce it, the exhibitor and patentee fearlessly asserts, that, after innumerable experiments, and the trial of almost every conceivable plan for generating artificial light, our coal mines furnish the best and most economical materials for the purpose. For, as the illuminating

power of gas depends on the relative proportions of its constituents—carbon and hydrogen—and as these are found to exist in coal in the proper proportions, it is obvious that taking into consideration its low cost, and the simplicity of the means required to convert the volatile portion of it into gas, coal is the best substance for the purpose. It is true, for instance, that water,