

## ASSOCIATES.

Professor Edward Cooper, King's College, Somerset House ; Professor of Mechanics at King's College.  
W. H. Hatcher, 22, Hawley Road, Camden Town ; Engineer.

## V A. Sub-Jury for Carriages.

The Earl of Jersey, Chairman, 38, Berkeley Square.  
J. Holland, Deputy Chairman and Reporter, 254, Oxford Street ; Coach-BUILDER.  
C. Arnoux, France ; Engineer.  
T. Hutton, Summer Hill, Dublin ; Coach-BUILDER.  
O. McDaniel, United States.  
Antoine Poncelet, Belgium ; Engineer-in-Chief.

No Associates in this Class.

## VI. MANUFACTURING MACHINES AND TOOLS.

General J. V. Poncelet, Chairman, France ; Member of Institute, late Director of Polytechnic School, &c.  
Rev. R. Willis, F.R.S., Deputy Chairman and Reporter, Cambridge ; Jacksonian Professor of Natural and Experimental Philosophy at Cambridge.  
Luigi de Cristoforis, Austria ; Vice-President of Chamber of Commerce, Milan ; Member of the Scientific Institute of Bologna.  
Professor Fillippo Corridi, Tuscany ; Director of the Technological Institute, Florence.  
Benjamin Fothergill, Manchester ; Mechanical Engineer.  
Charles Gascoigne Maclea, Leeds ; Mechanical Engineer.  
Guilherme Copke, Portugal ; Mechanical Engineer.  
John Penn, Greenwich ; Mechanical Engineer.  
George Rennie, F.R.S., Whitehall Place ; Mechanical Engineer.  
T. R. Sewell, Carrington, near Nottingham ; Lace Manufacturer.  
Samuel Webber, United States ; Civil Engineer.  
Professor W. Wedding, Zollverein ; Member of the Board of Trade and Commerce at Berlin.

## ASSOCIATES.

A. Barclay, Brewery, Park Street, Southwark ; Brewer.  
Robert Davison, 33, Mark Lane, Civil Engineer.  
— Dolfousse, France.  
J. Mercer,\* F.C.S., Oakenshaw, near Accrington, Lancashire ; Calico Printer.  
A. Payen,† France ; Member of the Institute.  
Dr Varentrapp,‡ Zollverein ; Professor of Chemistry.  
\* Juror in Class II. † Juror in Class IV. ‡ Juror in Class II.

## VII. CIVIL ENGINEERING, ARCHITECTURAL AND BUILDING CONTRIVANCES.

I. K. Brunel, F.R.S., Chairman and Reporter, Duke Street, Westminster ; Civil Engineer.  
Charles Combes, Deputy Chairman, France ; Member of Institute and of Central Jury.  
Dr Neil Arnott, F.R.S., Bedford Square ; Doctor of Medicine.  
F. W. Conrad, Holland ; Engineer, Chairman of Royal Institute of Engineers at Delf.  
J. M. Rendel, F. R. S., 8, Great George Street, Westminster ; Civil Engineer.  
Count A. E. de Rosen, Sweden and Norway ; Swedish Royal Navy.  
Dr. J. V. C. Smith, United States ; Doctor of Medicine.  
William Tite, F.R.S., 17, St. Helen's Place, Bishopsgate ; Architect.

No Associates in this Class.

## VIII. NAVAL ARCHITECTURE AND MILITARY ENGINEERING ; ORDNANCE, ARMOUR, AND ACCOUTREMENTS.

Baron Charles Dupin, Chairman and Reporter, France ; Member of Institute, and President of Central Jury, &c.  
Major-General Sir John Burgoyne, K.C.B., Deputy Chairman, 87, Pall Mall ; Inspector-General of Fortifications.  
Lieut.-Col. J. L. Colquhoun, Royal Arsenal, Woolwich.  
Charles Lesoinne, Belgium ; Member of the Chamber of Representatives ; late Merchant.  
Major Jean L. Micheels, France.  
Sir Baldwin Walker, K.C.B., 66, Westbourne Terrace ; Surveyor-General of the Navy.  
A. Whitney, United States ; Merchant.  
Isaac Watts, Somerset House ; Assistant Surveyor-General of the Navy.

## ASSOCIATES.

Capt. Beechey, R.N., Admiralty, Somerset House.  
Lieut. A. S. Creyke, R.E., 23, Belgrave Square.  
Col. L. A. Hall, R.E., Ordnance Map Office, Southampton ; Director of Ordnance Survey.  
Capt. Henry James, R.E., 34, Ladbroke Square, Notting Hill ; Ordnance Survey.  
George Lovell, 12, Ely Place, Holborn ; Inspector of Small Arms.  
Col. A. Morin,\* France ; Ely Place, Holborn ; Member of the Institute, &c.  
Capt. William Yolland, R.E., Ordnance Map Office, Southampton ; Ordnance Survey.

\* Juror in Class V.