

# INDUSTRIAL PALACE.

## GROUP I.

### Mining, Quarrying, and Metallurgy.

MINERAL FUELS (Coals, Shales, and Mineral Oils). MINERAL ORES AND METALS. OTHER MINERALS (as Salt, Sulphur, Graphite, &c.); not including Building Materials; *vide* Group 18. NATURAL ALLOYS. DRAWINGS AND MODELS OF OBJECTS RELATING TO MINING, METALLURGY, AND MINERAL INDUSTRY, MINING ENGINEERING, SURVEYING AND MAP MAKING. GEOLOGICAL WORKS, AND GEOLOGICAL MAPS, &c. TOOLS AND INVENTIONS FOR MINING AND METALLURGY—FOR UNDERGROUND AND SURFACE WORK. STATISTICS OF PRODUCTION.

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1</b> THE NEW-ORLEANS ACADEMY OF SCIENCES, <i>New-Orleans, Louisiana.</i><br/>Specimens of the Natural History of the State of Louisiana.<br/>Sammlung der Naturproducte von Louisiana.<br/>Spécimens de l'histoire naturelle de la Louisiane.</p> <p><b>2</b> CINCINNATI, ROCKPORT &amp; SOUTH-WESTERN RAILWAY, <i>Cincinnati, Ohio.</i><br/>Block Coal, Bituminous Coal, Whetstone Grit, Grindstone Grit.<br/>Stückkohle, bituminöse Kohle, Wetz- und Schleifsteinsand.<br/>Blocs de Houille, Houille bitumineuse, Grès pour pierre à repasser, Pierre meulière.</p> <p><b>3</b> JOSEPH WHARTON, <i>Philadelphia, Pennsylvania.</i><br/>Metallic Nickel, Cobalt, Nickel and Cobalt Salts, Castings of Nickel and Cobalt, Blue Vitriol, Copperas; Ore of Gap Mine, Pennsylvania, source of the above products. Matte of Gap Furnace and Pure Zinc.</p> | <p>Metallisches Nickel und Kobalt-Nickel und Kobalt-Salze, Gussstücke aus Nickel und Kobalt, Kupfer und Eisenvitriol, Erz von der Gapgrube (Quelle der obenstehenden Producte), Rohstein und reines Zink.</p> <p>Nickel, Cobalt, Sels de Nickel et de Cobalt, Lingots de Nickel et Cobalt, Vitriol bleu, Couperose; Minerais des mines de Gap et de Pennsylvanie d'ou sont retirés les produits susnommés, Matte de Gap et Zinc pur.</p> <p><b>4</b> E. B. WARD, <i>Detroit, Michigan.</i><br/>Iron, Copper, and Silver Ores.<br/>Eisen-, Kupfer- und Silbererze.<br/>Minerais de Fer, de Cuivre et d'Argent.</p> <p><b>5</b> CHARLES M. NES, <i>York, Pennsylvania.</i><br/>Silicon Steel, with Furnace and Steam Hammer used in its manufacture.<br/>Siliciumstahl und die Methode seiner Darstellung.<br/>Acier siliceux, avec Fourneaux et Marteaux à vapeur employés pour le fabriquer.</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|