

SECTION II.—MACHINERY.

(A.)—MACHINES FOR DIRECT USE.

1. PRIME MOVERS. { As Boilers and Furnaces for generating Steam, Steam Engines, Waterwheels and other Hydraulic Movers, Windmills, other Engines for generating Power, &c.
2. SEPARATE PARTS OF MECHANISM AND GEARING. { As Toothed Wheels, Link-work, Belts, Couplings; contrivances for modifying motion, for reversing and stopping, and for the government and self-action of Machinery, &c. Specimens of perfection in workmanship—such as straight-edges, flat surfaces, screws, spheres, &c.
3. MACHINES FOR RAISING AND MOVING BODIES. { RAISING WATER & OTHER LIQUIDS—As Pumps, Fire Engines, Hydraulic Rams, &c.
RAISING AND MOVING WEIGHTS, AND PRODUCING PRESSURE—Such as Crabs, Cranes, Travellers, Screw Jacks, Hydraulic Presses, Pile Drivers, &c.
CARRIAGES AND VEHICLES.
MACHINERY OF THE RAILWAY SYSTEM.
NAVAL MECHANISM AND NAVAL ARCHITECTURE.
4. MACHINES FOR WEIGHING, MEASURING AND REGISTRATION. { As Weighing Machines of all kinds; Apparatus for the Measurement of Length and Capacity, for the Registration of Natural Phenomena, and of the results and operations of other Machinery—as Tide Gauges, Anemometers, Calculating Machines, Tell-tales, Counting Machines, Numbering Frames, Copying Machines, Dynamometers, &c.
TURRET AND OTHER CLOCKS, WATCHES, AND CHRONOMETERS.
5. INSTRUMENTS AND MISCELLANEOUS CONTRIVANCES. { MATHEMATICAL AND PHILOSOPHICAL INSTRUMENTS—As Astronomical and Optical Instruments, Apparatus for the Graduation and Division of Lines and Circles, Physical and Chemical Apparatus, including Electric, Magnetic, and Galvanic Apparatus, &c.
DRAWING INSTRUMENTS, AND APPARATUS USED BY ARTISTS AND ENGRAVERS.
MUSIC AND ACOUSTICAL INSTRUMENTS—As Organs, Pianofortes, Harps, Flutes, Imitation of the human voice in Singing and Speaking, &c.
SURGICAL INSTRUMENTS.
LOCKS, and small Machines for Miscellaneous Purposes.
6. CANNON AND SMALL ARMS, PISTOLS, &c., and all that belongs to their equipment.
7. AGRICULTURAL MACHINERY. { FIELD IMPLEMENTS—As Ploughs, Sub-Soil Plough, Skim Plough; Harrows, Norwegian Harrow, Clod Crusher, Grubber or Scarifier; Corn Drill, Turnip Drill, Water Drill, Dry Manure Machine, Liquid Manure Machine, Horse Seed Dibbler, Roller, Presser, Horse Hoe, One Horse Cart, Horse Rakes, Hay-making Machines.
YARD IMPLEMENTS—Threshing Machine, Corn Dressing Machine, Chaff Cutter, Turnip Cutter, Cake Bruiser, Corn Bruiser; Movable Steam Engine; Tile Machines, Draining Tools.
GARDEN IMPLEMENTS.

(B.)—MANUFACTURING MACHINES,

OR SYSTEMS OF MACHINERY, TOOLS, AND IMPLEMENTS EMPLOYED FOR THE UNDERMENTIONED PURPOSES.

1. MANUFACTURES OF ALL FABRICS THAT ARE SPUN, WOVEN, FELTED, OR LAID. { Machinery for the complete formation from the Raw Material of all fabrics of Cotton, Wool, Flax, Hemp, Silk, Caoutchouc, Hair, &c.
Paper Making and Staining.
Printing and Bookbinding.
2. MANUFACTURES OF METALS. { The Manufacture of Metals from the Ore into bars, rods, wire, sheets, and other general forms; also, casting and polishing of Metal, Glass, &c.
The Cutting and Working of Metals by Machine Tools—such as Lathes, Machines for planing, drilling, boring, slotting, sawing, stamping, shearing, rivetting, punching, &c.
Machines and Tools used by the makers of Gold, Silver, and Plated Goods; Cutlery, Nails, Screws, Pins, Needles, Buttons, and Metallic Pens, &c.; by Locksmiths, Die Sinkers, Furnishing Ironmongers, &c. &c.
3. MANUFACTURES OF MINERAL SUBSTANCES. { Machines and Tools for the preparation and working of all kinds of Stone, Granite, Alabaster, Slate, Clay, Gems, &c. &c.
4. MANUFACTURES OF VEGETABLE SUBSTANCES. { Machines and Tools for the preparation and working of all kinds of Wood.
MILLS, and other Machinery for grinding, crushing, or preparing Vegetable Products.
5. MANUFACTURES OF ANIMAL SUBSTANCES, { Machinery and Tools for working in Horn, Bone, Ivory, Leather, &c.
6. MACHINERY AND APPARATUS FOR BREWING, DISTILLING, AND MANUFACTURING CHEMISTRY.