

"WORK" HANDBOOKS (continued)

Glass Writing, Embossing, and Fascia Work. *Contents.*—

Plain Lettering and Simple Tablets, Gold Lettering, Blocked Letters, Stencil Cutting, Gold Etching, Embossing, Incised Faslaias, Arrangement of Words and Colours, Wood Letters, Illuminated Signs, Temporary Signs, etc. 109 Illustrations.

Gramophones and Phonographs. *Contents.*—Introduction. Choosing

a Talking Machine. Reproducers. Lubrication. The Needle and the Stylus. Making a Gramophone Reproducer, etc. With 103 Line Drawings.

Handyman's One Thousand Practical Receipts. *Contents.*—

Staining Floors. Varnishing Furniture. Mixing Paints. Stains, Varnishes, Glues, Domestic Repairs, etc. etc.

House Decoration. *Contents.*—Pigments, Oils, Driers, etc. Tools used

by Painters. How to Mix Oil Paints. Distemper or Tempera Painting. Whitewashing and Decorating a Ceiling. Painting a Room, etc. etc. 79 Illustrations.

How to Write Signs, Tickets, and Posters. *Contents.*—The

Formation of Letters, Stops and Numerals. The Sign-writer's Outfit. Making Sign-boards and Laying Ground Colours. The Simpler Forms of Lettering. Shaded and Fancy Lettering. Painting a Sign-board. Ticket-Writing. Poster-Painting, etc. etc. 170 Illus.

Incubators and Chicken-Rearers. *Contents.*—Approved Pattern

of Hydro Incubator. An easily made 100-egg Hydro Incubator. Making 60-egg coil-heated Hydro Incubator. New Design of Hot-air Incubator, etc. About 150 Illustrations.

Knotting and Splicing Ropes and Cordage. *Contents.*—Introduc-

tion: Rope Formation. Simple and Useful Knots. Eye Knots, Hitches, and Bonds. Ring Knots and Rope Shortenings. Ties and Lashings, etc. 108 Illustrations.

Microscopes and Accessories. *Contents.*—Making and Fixing Me-

chanical Stages; Finishing and Lacquering; Improved Mounts; Microscopists' Lamps and Bull's-eye Condensers. Micrometers and Measurement. Turntables. 140 Illustrations.

Motor Bicycle Building. *Contents.*—Frame for Motor Bicycle.

Pattern for Frame Castings. Making 3½ h.p. Petrol Motor. Spray Carburettor for 3½ h.p. Petrol Motor. Ignition Coils for Motor Cycles. Light Weight Petrol Motor for Attachment to Roadster Bicycle, etc. 137 Illustrations.

Mounting and Framing Pictures. *Contents.*—Making Picture

Frames. Notes on Art Frames. Picture Frame Cramps. Making Oxford Frames. Gliding Picture Frames. Methods of Mounting Pictures. Making Photograph Frames. Frames covered with Flush and Cork. Hanging and Packing Pictures. 240 Illustrations.

Optical Lanterns and Accessories. *Contents.*—Single Lanterns. Dis-

solving View Lanterns. Illuminants for Optical Lanterns. Optical Lantern Accessories. Experiments with Optical Lanterns, etc. etc. 147 Illustrations.

Photographic Cameras and Accessories. *Contents.*—Modern Half-

plate Cameras. Hand and Pocket Cameras. Ferrotype Cameras. Stereoscopic Cameras. Enlarging Cameras. Dark Slides. Exposure Shutters. Camera Stands. 241 Illustrations.

Photographic Chemistry. *Contents.*—Relation of Chemistry to

Photography. Meaning of Symbols and Equations. Oxygen and Hydrogen Photo-graphically Considered. Chemistry of Development, Toning, Intensification, etc. Photography. Benzine and the Organic Developers, etc. Index. 31 Illustrations.

Photographic Studios and Dark Rooms. *Contents.*—Planning

Studios. Building Studios. Portable and Temporary Studios. Studios Improvised from Greenhouses, Dwelling Rooms, etc. Lighting of Studios. Backgrounds. Scenic Accessories. Dark Rooms. Portable Dark Tent etc. Index. 180 Illustrations.

Photography. *Contents.*—The Dark Room. Plates. Exposure. De-

veloping and Fixing Negatives. Portraiture and Picture Composition. Flashlight Photography. Retouching Negatives. Process of Printing from Negatives, etc. 76 Illus.

Pianos: Their Construction, Tuning, and Repair. *Contents.*—

The Action: Completion of Piano. The Choice of a Piano. Care, Maintenance, and Cleaning. Tuning Pianos. Piano-repairers' Tools. Repairing Piano Actions. Repairs. Polishing and Renovating Piano Cases, etc. etc. 74 Illustrations.

Pumps and Hydraulic Rams: Their Action and Construction.

Contents.—Suction Pumps and Lift Pumps. Pump Valves. Ram or Plunger Pumps. Making Bucket and Plunger Pump. Wooden Pumps. Centrifugal Pumps. Mammoth and Pulsometer Pumps. Hydraulic Rams, etc. Index. 171 Illustrations and Diagrams.

Rustic Carpentry. *Contents.*—Light Rustic Work, Flower Stands,

Vases, etc. Tables, Chairs and Seats, Gates and Fences. Rosery Work, Porches. Canopy for Swing. Aviary, Foot-bridges, Verandas, Garden Shelters, etc. 104 Illus.

Sewing Machines: Their Construction, Adjustment, and

Repair. *Contents.*—The Development of the Sewing Machine. Types of Sewing Machines. Working and Adjusting Machines. Adjustments for Broken Needles. Broken Thread and Missed Stitches. Repairing Sewing Machines, etc. 177 Illustrations.

Smiths' Work. *Contents.*—Forges and Appliances. Hand Tools. Drawing

Down and Upsetting. Welding and Punching. Conditions of Work: Principles of For-mation. Bending and Ring Making. Examples of Forged Work, etc. etc. 211 Illus.

Tailoring: How to Make and Mend Trousers, Vests, and

Coats. *Contents.*—Tailors' Requisites and Methods of Stitching. Simple Repairs and Pressing. Re-lining, Re-pocketing, and Re-collaring. How to Cut and Make Trousers. How to Cut and Make Vests, etc. etc. 184 Illustrations.

Taxidermy: Skinning, Mounting and Stufing Birds,

Mammals, and Fish. *Contents.*—Skinning. Stuffing and Mounting Birds. Mounting Animals' Horned Heads: Polishing and Mounting Horns. Skinning, Stuffing, and Casting Fish. Preserving, Cleaning, and Dyeing Skins, etc. etc. 108 Illustrations.

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