### EVAN ARTHUR LEICH

232 Summer Street. Boston, Mass., U.S.A.

Messrs. PLATT BROS. & CO. (LIMITED), OF OLDHAM, ENGLAND.

BY FAR THE LARGEST MAKERS OF TEXTILE MACHINERY IN THE WORLD

Platt's Cotton, Woolen and Worsted Machinery. Sole makers of Brown's Patent Carding Rollers for Wool-give woolen yarn a worsted appearance.

Platt's Special Machinery for making English & French Worsted Yarns. Platt's Special Machinery for making Cotton Waste into Yarns. Also Sole Agent for U. S. and Canada for

## Messrs. MATHER & PLATT Salford Iron Works, Manchester, England.

Bleaching, Dyeing and Finishing Machinery and Archbutt-Deeley System of Softening and Purifying Hard Water.
The Bett System on the Market.

Wool Washing and Drying Machines. Garnett Machines. French and English Napping Machines. Sykes's Card Clothing for Cotton. Critchley's Card Clothing for Woolen and Worsted Varey's Fallers. Harding's Pins and Circles. Dronsfield's Grinders and Emery Fillet. Comber Aprons, Condenser Aprons, etc.

Textile Machinery Association, Limited. Flax, Hemp and Jute Machinery.

George Hodgson, Limited,

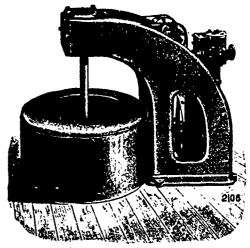
Bradford, Looms for Worsteds, etc.

The Automatic Feeding Machine Company, Feeders for Fibres of all classes.

# **HYDRO-EXTRACTORS**

WOOL, COTTON, WORSTED AND ALL OTHER

TEXTILE TRADES



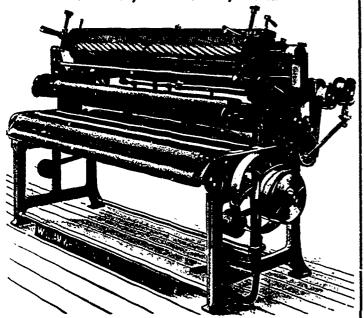
48 in. Engine Driven Suspended Hydro Extractor.

## WATSON, LAIDL

DUNDAS STREET. GLASGOW. SCOTLAND.

SEND FOR OUR 1904 CATALOGUE.

William Whiteley & Sons, Ltd. LOCKWOOD, HUDDERSFIELD. ENGLAND



Complete Cloth Finishing Plants
Tentering and Drying Machines
Wool and Cotton Drying Machines
Improved Self Acting Mules
Winding, Warping and Sizing Machines
and other Woolen Machinery
Mercerizing Machinery. Complete Plant for Aniline Black. CATALOGUE ON APPLICATION.

WILLIAM FIRTH, President.

EDWIN BARNES, Vice-President.

67 Equitable Bidg., - 150 Devoushire St., BOSTON, Mass. SOLE IMPORTERS OF

ASA LEES & CO., Limited, Textile Machinery of every description for Cotton, Woolen and Worsted.

JOSEPH STUBBS, Gassing, Winding and Reeling Machinery for Cotton, Worsted and Silk.

GEO. HATTERSLEY & SONS, Ltd., Makers of every description

of Looms, &c.

of Looms, &c.

JAMES MACKIE & SONS, Ltd., Makers of Flax, Tow, Hemp and Jute Preparing and Spinning Machinery

GEO, ORME & CO.'S Patent Hank Indicators, &c.

JAMES YATES & SON, Hardened and Tempered Steel Card Clothing for Woolen and Worsted Cards.

LOCKETT, CROSSLAND & CO., Engravers and Builders of Leather Embossing Machinery, &c.

R. CENTNER FILS, Heddles.

GOODBRAND & CO., Yarn Testing Machinery, Wrap Reels, &c.

JOSHUA KERSHAW & SON, Roller Skins, &c.

GEORGE SMITH, Doffer Combs, &c.

BRADFORD STEEL PIN CO. Comber Pins. [&c.

CLAPHAM, SMITH & CO., Caps, Tubes and Spindles for Worsted,

ALSO AGENTS FUR

JOSEPH SYKES BROS., Hardened and Tempered Steel Card Clothing for Cotton.

Clothing for Cotton.

WILLIAM TATHAM & CO. Waste Machinery.

DRONSFIELD BROS., Limited, Emery Wheel Grinders, Emery Fillet and Flat Grinding Machines.

COTTON CORD & VELVET CUTTING MACHINE CO., Corduroy Cutting Machines, &c.

Pick Glasses, Leather Aprons, Patent Wire Chain Aprons.

### Manual of Lubrication.

Or. How to Choose and How to Use Lubricants for any description of Machinery
With Methods of Determining the Purity and other Properties of Oils, etc.
By Louis Simpson

Price \$1.00 Post-paid

Address BIGGAR-SAMUEL, Limited, Fraser Bidg., MONTREAL, Can.