

CHENEY SILKS

INCLUDING ALL KINDS OF

Spun Silk Yarns *(In the Gray or Dyed)*

Trams, Organzines and Singles. On Spools or on Cones, Warped or in the Hank.
Special Yarns to order for all sorts of

Silks or Silk Mixture Goods

Knitting Silks, Ribbons and Piece Goods for Trimming Knit Goods. Also

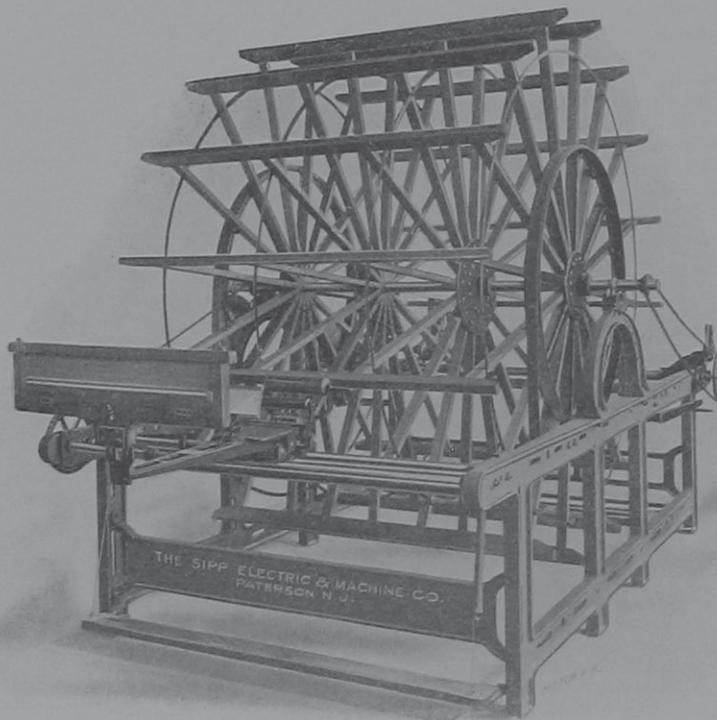
All Kinds of Dress Silks

Satins, Linings, Printed Pongees, Foulards, Decorative Silks, Sashes, Plushes,
Velvets and Upholstery Goods.

Manufacturers' Orders Promptly Executed

CHENEY BROTHERS, Silk Manufacturers
South Manchester, Conn.

Salesrooms:
477 Broome St., NEW YORK Heyworth Bldg., CHICAGO 79 Chauncy St., BOSTON 929 Chestnut St., PHILADELPHIA
SAN FRANCISCO, Chronicle Bldg.



The SIPP Warper

Patent Applied For

The Latest and Best

WITH THE HOVER SWISS ATTACHMENT

The most important improvement in warpers in ten years.

MADE AND SOLD EXCLUSIVELY BY US

Section marks positively avoided and saving of time effected. You are cordially invited to inspect these machines at work, and as they must be seen to be appreciated, we hope you will accept our invitation.

The SIPP Electric and Machine Company
PATERSON, N. J.

BUYERS' INDEX—Continued

Cotton Combers.
Mason Machine Works.
Whitin Machine Works.

Cotton Machinery.
Allen, William, Sons Co.
Altemus, Jacob K.
Buhlmann, A. W.
Crompton & Knowles Loom Works.
Curtis & Marble Machine Co.
Draper Co.
Globe Mach. & Fdy. Co., Inc.
Halton's, Thomas, Sons.
Lever, Oswald Co., Inc.
Mason Machine Works.
Metallic Drawing Roll Co., The.
Parks & Woolson Machine Co.
Philadelphia Textile Machinery Co.
Schaellbaum, Rob., Co., The.
Whitin Machine Works.
Woonsocket Machine & Press Co.

Cotton Yarns.
Chapin, George W.
Littauer, Ludwig.

Designers.
Lentz, F. G. & Co.

Design Paper.
Textile Publishing Co.

Drawing Frames.
Mason Machine Works.
Whitin Machine Works.

Drying Machinery.
Buhlmann, A. W.
Hunter, James, Machine Co.
Philadelphia Textile Machinery Co.

Dyers & Finishers.
Firth & Foster Co.
Schlatte, Karl, Dye Works, Inc.

Dyeing, Drying, Bleaching and Finishing Machinery.

Allen, William, Sons Co.
Buhlmann, A. W.
Curtis & Marble Machine Co.
Hunter, James, Machine Co.
Johnson, Van Vlaanderen Machine Co.
Klauder-Weldon Dyeing Machine Co.
Parks & Woolson Machine Co.
Philadelphia Textile Machinery Co.
Woolford, G., Wood Tank Mfg. Co.
Woonsocket Machine & Press Co.

Dye Sticks.
Haedrich, E. M.

Dyestuffs.
Cassella Color Co.
Chemische Aniline Works.
Farbenfabriken of Elberfeld Co.
Kilpstein, A. & Co.
Metz, H. A. & Co.
Scholler Bros. Co.

Dynamos & Motors.
Sipp Electric & Machine Co.

Electrical Warp Stop Motion.
Mossberg Wrench Co.

Engineers.
Fernbach, R. Livingston.
Helick, Dr. Chauncey G.

Engravers.
Commercial Photo-Engraving Co.

Finishers.
Firth & Foster Co.
Schwarzwaelder Co., The.

Flyers, Caps and Tubes.
Calder Machine Works.

Fulling Mills.
Hunter, James, Machine Co.

Grids for Lappers.
Schaellbaum, Rob., Co., The.

Harness Builders.
Crompton & Knowles Loom Works.
Halton's, Thomas, Sons.
Lentz, F. G. & Co.

Harness Twine.
Littauer, Ludwig.

Heating and Ventilating Apparatus.
Philadelphia Textile Machinery Co.

Heddles.
Steel Heddle Mfg. Co.
Suter, A.
Whitaker Reed Co.

Hotels.
Hotel Cumberland.

Humidifiers.
Fries, John W.

Jacquards.
Crompton & Knowles Loom Works.
Halton's, Thomas, Sons.

Jacquard Card Stamping, Lacing and Repeating Machinery.
Royle, John & Sons.

Knitting Machinery.
Brinton, H., Co.
Climax Machine Co.

Looms.
Crompton & Knowles Loom Works.
Draper Co.
Kilburn, Lincoln & Co.
Mason Machine Works.
Suter, A.
Whitin Machine Works.
Widmer Bros.

Measuring Devices.
Draper Co.
Knapp, Chas. H.
Sipp Electric & Machine Co.

Mercerizing Machinery.
Buhlmann, A. W.
Klauder-Weldon Dyeing Machine Co.

Metallic Rolls.
Metallic Drawing Roll Co., The.

Mohair.
Littauer, Ludwig.

Mules.
Mason Machine Works.

Napping Machinery.
Buhlmann, A. W.

Oils.
Borne, Scrymser Co.

Patent Attorneys.
Crosby & Gregory.
Howson & Howson.
Keystone Law & Patent Co.

Pneumatic Conveyors.
Philadelphia Textile Machinery Co.

Presses.
Buhlmann, A. W.
Woonsocket Machine & Press Co.

Printing Drums.
Crompton & Knowles Loom Works.

Quillers.
Buhlmann, A. W.
Knapp, Chas. H.
Lever, Oswald Co., Inc.
Royle, John & Sons.
Sipp Electric & Machine Co.
Whitin Machine Works.

Quills.
Pratt, Robert G.

Railway Heads.
Mason Machine Works.
Whitin Machine Works.

Rain Proofing.
Schwarzwaelder Co., The.

Reeds.
Whitaker Reed Co.

Reels.
Draper Co.
Knapp, Chas. H.
Sipp Electric & Machine Co.
Whitin Machine Works.

Research Chemist.
Maywald, Frederick J.

Revolving Flat Cards.
Mason Machine Works.
Whitin Machine Works.

Ribbons and Piece Silks for Trimming Knit Goods.
Cheney Bros.
Sauquoit Silk Mfg. Co.

Scales and Weights.
Suter, A.
Troemner, Henry.

Sewing Machines.
Singer Sewing Machine Co.

Shuttles.
Pratt, Robert G.

Silk Machinery.
Altemus, Jacob K.
Buhlmann, A. W.
Crompton & Knowles Loom Works.
Halton's, Thomas, Sons.
Johnson, Van Vlaanderen Machine Co.
Knapp, Chas. H.
Mason Machine Works.
Sipp Electric & Machine Co.
Suter, A.

Silk Yarns.
Cheney Bros.
Littauer, Ludwig.
Ryle, William, & Co.

Soap.
Holbrook Mfg. Co., The.
Scholler Bros. Co.

Spindles.
Draper Co.
Calder Machine Works.

Spinning Frames.
Mason Machine Works.
Whitin Machine Works.

Spinning Rings.
Draper Co.
Whitaker Reed Co.

Spools.
Marshall Bros., Agts.

Steam Boxes.
Allen, William, Sons Co.

Stop Motions for Looms.
Crompton & Knowles Loom Works.
Draper Co.
Mossberg Wrench Co.

Tanks, Vats and Dye Tubs.
Woolford, G., Wood Tank Mfg. Co.

Tapes, Braids and Edgings.
Chapin, George W.
Weimar Brothers.

Temples.
Crompton & Knowles Loom Works.
Draper Co.

Threads.
Chapin, George W.
Littauer, Ludwig.

Thread Guides.
Palmer, The I. E. Co.
Whitin Machine Works.

Tinsel.
Littauer, Ludwig.

Twisters.
Draper Co.
Mason Machine Works.
Whitin Machine Works.

Typewriters.
Oliver Typewriter Co.

Ventilating Fans.
Philadelphia Textile Machinery Co.

Winding, Beaming and Warping Machinery.

Altemus, Jacob K.
Draper Co.
Globe Mach. & Fdy. Co., Inc.
Knapp, Chas. H.
Lever, Oswald Co., Inc.
Sipp Electric & Machine Co.
Whitin Machine Works.

Wool Combers.
Crompton & Knowles Loom Works.

Wool Oils.
Borne, Scrymser Co.

Woolen and Worsted Machinery.
Altemus, Jacob K.
Buhlmann, A. W.
Crompton & Knowles Loom Works.
Curtis & Marble Machine Co.
Hunter, James, Machine Co.
Klauder-Weldon Dyeing Machine Co.
Lever, Oswald Co., Inc.
Parks & Woolson Machine Co.
Philadelphia Textile Machinery Co.
Woonsocket Machine & Press Co.

Woolen Yarns.
Littauer, Ludwig.

Wool Washing Machinery.
Hunter, James, Machine Co.

Yarn Testing Machinery.
Buhlmann, A. W.
Knapp, Chas. H.
Sipp Electric & Machine Co.

GEORGE W. CHAPIN
COTTON YARNS
 TAPES, BRAIDS, THREADS
 LACE EDGINGS
 229 CHURCH STREET 231
 PHILADELPHIA, PA.
 N. Y. Office, 350 Broadway
 R. E. SCHNEEBELI, Res. Manager

LUDWIG LITTAUER
 Successor to Moeller & Littauer

Thrown Silk
 Artificial, Shappe and Spun Silk
 Domestic and Imported, Plain
 Gassed, Mercerized and Polished Cotton
 Polished and Glazed Threads
 Mohair and Worsted
 Tinsel
 Turkey Red

YARNS | **YARNS**

109 GREENE ST., NEW YORK
 Best Quality Harness Twine

NEW STYLES FROM ABROAD

FANCY WORSTEDS AND WOOLENS
SUITINGS AND TROUSERINGS

We Are Constantly in Receipt of New Collections

Subscribers can examine them by calling, upon appointment, at our office; or samples are mailed to them at the nominal cost of:

One sample	15 cents
Two samples	25 cents
Ten samples	75 cents
Twenty samples	\$1.00

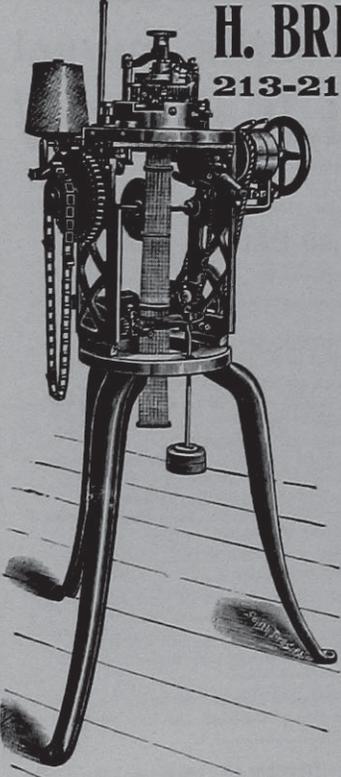
Cash with order. Postage stamps accepted.
 When ordering, mention preference
 We are the "Headquarters for Everything in the Textile Line."
 Posselt's Textile Journal, Philadelphia

WILLIAM RYLE & CO.
 Foreign and Domestic

Spun Silk Yarns and Noils

Domestic Thrown Silk of every description. Fine Pure Dye Silks for the woolen trade a specialty. Importers of European and Asiatic Raw Silk

54 Howard St. NEW YORK



H. BRINTON CO.
 213-215 Race St.
 PHILADELPHIA, PA.

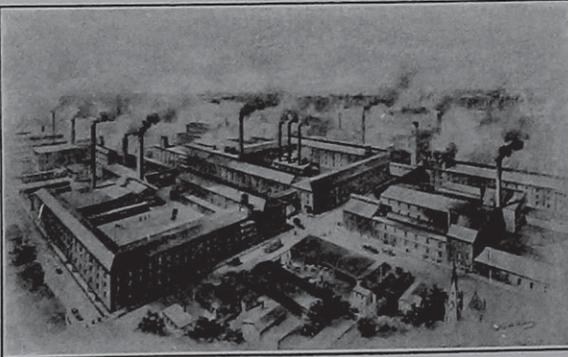
— BUILDERS OF —
KNITTING MACHINERY
 for
HOSIERY
 and
UNDERWEAR

COMPLETE
 ESTIMATES
 FURNISHED

The Cut shows our
IMPROVED AUTOMATIC RIBBER

with Welt and Slack Course for Half Hose Tops and Ribbed Legs.

FIRTH & FOSTER CO.
DYERS and FINISHERS
 OF PIECE GOODS EXCLUSIVELY



The best equipped plant for the DYEING and FINISHING of fine wool and worsted goods, also silk and wool fabrics.

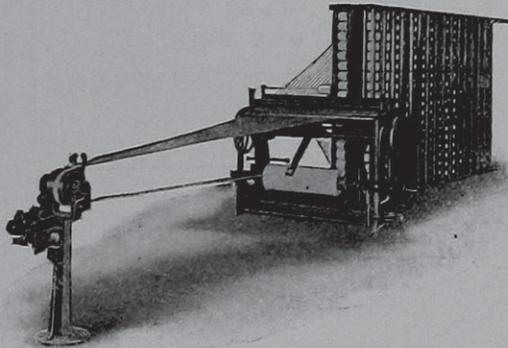
EMERALD, YORK AND ADAMS STREETS
PHILADELPHIA
 NEW YORK OFFICE: Silk Exchange Bldg., Room 702

Globe Machine and Foundry Co.
(Incorporated)

Frankford, Philadelphia, Pa.

Builders of the

Denn Warping Machinery



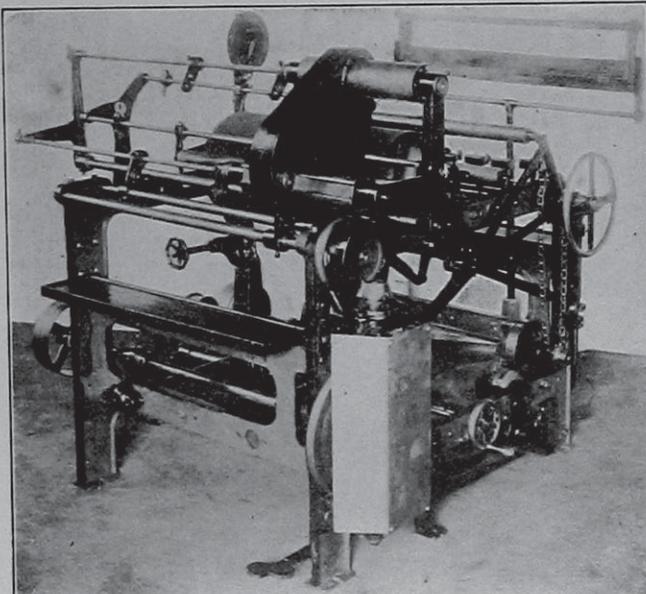
Our New Design Ball Warper

(Patented and Patents Pending)

Spindle Driven
No Slippage
No Lifting

Regular Wind
Ends Square
Drops on Truck

Can Use Three-inch Shells



Direct Warping Machines

FOR

ALL KINDS OF NARROW GOODS

Write for Prices

CHARLES H. KNAPP

Wait & Rye Streets

PATERSON, N. J.

HENRY TROEMNER

MANUFACTURER OF

SCALES AND WEIGHTS

For the Chemist and Dyer

The Analysis of Yarns and Fabrics

911 Arch Street - PHILADELPHIA



F. G. LENTZ & CO.

**Designers, Card Stampers
and Harness Builders**

FOR ALL TEXTILE FABRICS

Mascher, Waterloo and York Sts.

Both Phones PHILADELPHIA, PA.

TEXTILE PUBLISHING CO.
2028 Berks Street, PHILADELPHIA

TEXTILE DESIGN PAPERS

for all Fabrics

NEW BOOKS.

Principles of Woolen Spinning, by H. Priestman. Price \$2.50.

TABLE OF CONTENTS: The History of the Woolen Trade, Wool and Wool Washing, Carbonizing, Shoddy, Oils and Soaps, Opening Processes, Mixing, Carding, Card Feeds and Condensers, The Mule.

Principles of Worsted Spinning, by H. Priestman. Price \$2.50.

TABLE OF CONTENTS: History, Material and Qualities, Spindle Theories, Drafting and Ratch, Drawing, Cone Drawing, Spinning, Dry Spun Yarns, Twisting, Winding, Reeling, Warping, Defects and Remedies, Etc.

Textile Publishing Co. Philadelphia, Pa.

**Posselt's Textile Journal
Volumes I, II, III and IV**

Complete sets of the above are now on hand and ready for delivery

PRICE: \$1.50 EACH VOLUME

This will give you an opportunity to get back volumes in order to complete the series of articles appearing now in the Journal on:

COTTON SPINNING (The Ring Frame)

The first authentic treatise on the American Frame in print.

DICTIONARY OF WEAVES

Comprises over 2000 practical weaves on 8 to 12 harness, taken from woven fabric structures.

LESSONS ON DESIGNING

Harness and Jacquard Work; a series of practical discussions and instructions on these subjects, based on the Editor's life experience and practical work.

DICTIONARY OF TECHNICAL TERMS

Relating to the Textile Industry. The first complete and authentic collection of words, trade names, phrases, etc., compiled.

A TREATISE ON THE KNOWLES LOOM

Covering its construction, etc.

THE MANUFACTURE OF NARROW-WARE FABRICS

Ribbons, Trimmings, Edgings, Webbing, Elastics, etc.

TESTING OF CHEMICALS, DYESTUFFS, ETC.

Also hundreds of articles on new machinery, processes, etc.

The supply being limited we would suggest that those who desire the same would order at once, remitting by money, check or registered mail

POSSELT'S TEXTILE JOURNAL, Philadelphia, Pa.

INCREASE YOUR PRODUCTION 30 to 60%

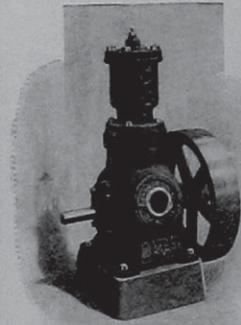
By using our **AUTOMATIC ATTACHMENT**
for any make of
CIRCULAR RIB KNITTING MACHINES

Flat Knitting Machines equipped with the

Improved CLIMAX Power Motion
Automatic Take-up
Automatic Stop Motion
Automatic Racking
Metal Stand

CLIMAX MACHINE COMPANY
1753-55 N. Howard St., Philadelphia

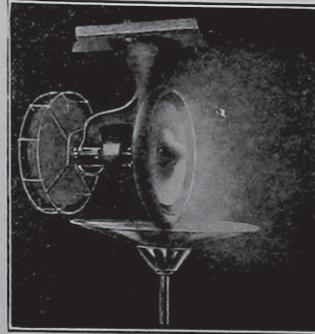
Gardner-Rix Air Compressors



offer splendid possibilities for textile mills. Easy running, simple and efficient. If you are going to install a compressed air outfit for cleaning mills or machinery, write us. We make an extensive line of sizes and styles.

THE GOVERNOR
: : : **WORKS** : : :
QUINCY - - - ILLINOIS

BELT DRIVE **HYGROSSO** MOTOR DRIVE



The Simplest Humidifier Made
NO OPENING FOR CLEANING

No compressors—no pressure pumps—no spray nozzles—no wet cloths.

Just a simple belt or motor drive requiring $\frac{1}{8}$ H. P. and as easily installed as a small counter shaft.

DURABLE AND STRONG CONSTRUCTION
ECONOMICAL TO OPERATE

JOHN W. FRIES

45 Lafayette Street

New York

A mill that operates without a chemist

is like an engine operated without lubrication. It runs, but not smoothly, and eventually goes to smash.

Many mills cannot afford the exclusive services of an expert chemist. To such, these laboratories offer all the advantages of expert chemical work at a nominal cost.

Unless the chemists' work is accurate, it is valueless. How will you determine its accuracy? Upon the mere word of the chemist? There is another and better way:

We furnish a bond guaranteeing the accuracy of our work. We believe that the chemist should be held responsible for his work. We not only believe this, we make ourselves responsible.

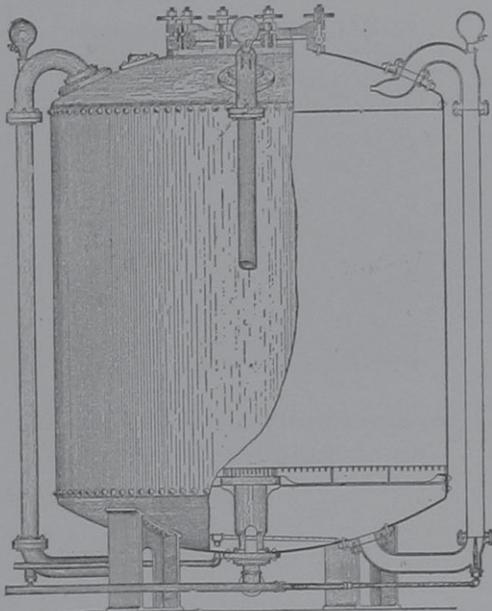
THE CHEMICO-LEGAL BUREAU

Chemical, Legal and Patent Experts

R. LIVINGSTON FERNBACH
DIRECTOR

97 Warren Street, NEW YORK CITY

WM. ALLEN SONS CO.
65 Green Street, WORCESTER, MASS.



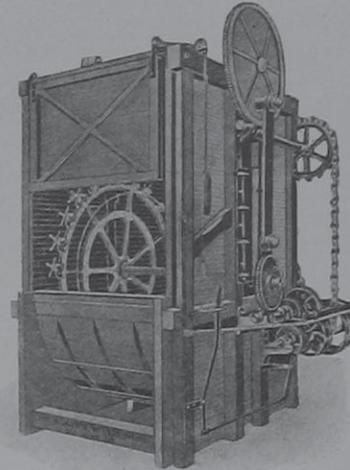
Patent Bleaching Kiers
Dye and Bleaching Tanks, Steam Boxes, Boilers, Etc.
Plate Iron Work of Every Description

20 PER CENT. SAVED

Silk manufacturers should realize the economies in dyeing obtained by the use of the Klauder-Weldon Silk Skein Dyeing Machines.

Fully twenty per cent. in the waste produced in winding, besides seconds in weaving, is saved by their use.

These are facts. Once perceived by the silk manufacturers, they will require their dyers to use these machines.



Simple to operate and are made of the best materials and by the best skilled labor.

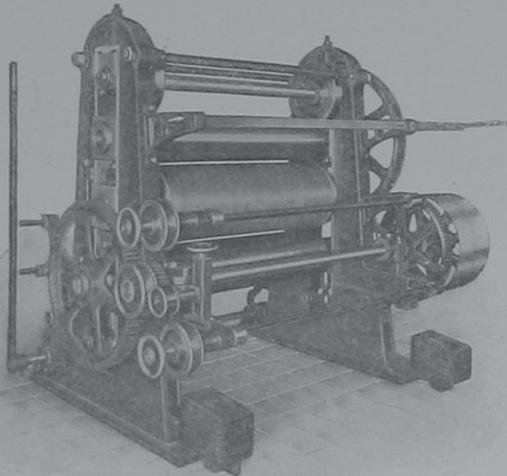
Will handle fine tram or skein singles without any damage to the fibers.

SILK SKEIN DYEING MACHINE

These machines will do perfect work on all qualities and colors of silk, both reel and spun.

Made in sizes to dye from 25 to 200 pounds per batch.

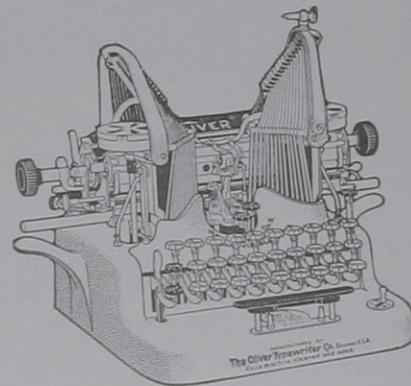
The Klauder-Weldon Dyeing Machine Company
 Huddersfield, England **AMSTERDAM, N. Y.**



SKEIN and PIECE DYEING MACHINERY,
 and
All Kinds of FINISHING MACHINES, for
 BROAD-SILKS, SILK and SILK-MIXED
 GOODS DYED IN THE PIECE, RIBBONS,
 : : : HAT BANDS, etc. : : :

JOHNSON, VAN VLAANDEREN MACHINE COMPANY,
 PATERSON, - - NEW JERSEY

17 Cents a Day Buys an Oliver



SAVE YOUR PENNIES AND OWN

The **OLIVER**
 Typewriter

The Standard Visible Writer

Can you spend 17 Cents a day to better advantage than in the purchase of this wonderful machine?

Write for Special Easy Payment Proposition or see the nearest Oliver Agent.

The OLIVER TYPEWRITER CO.
 Walnut & Tenth Streets, Philadelphia, Pa.

**ARTIFICIAL
SILK
COLORS**

Dyestuffs for all varieties of Artificial Silk
Shades promptly matched

BLACK FOR ARTIFICIAL SILK A SPECIALTY

CASSELLA COLOR COMPANY :: :: :: :: :: **NEW YORK**
BOSTON PROVIDENCE PHILADELPHIA ATLANTA MONTREAL

New Dyestuffs.

LIGHT FAST COLORS ON LADIES CLOTH.

H. A. Metz & Co. have just issued a most attractive color card showing light fast colors on Ladies Cloth.

These shades are produced in an acid bath with the addition of 20 lbs. Glauber's Salt and 5 lbs. Oil of Vitriol.

With each combination sample is shown the amount of each color as it occurs in the compound shade, the proportions quoted being based on 100 lbs. material.

The dyestuffs used have been selected on account of their very great resistance to the action of light, and are recommended where this quality is essential.

Dyers interested may obtain a copy of this valuable color card by addressing H. A. Metz & Co., New York.

ANTHRACENE-CHROMATE GRAY G.

Wool dyers will be pleased to note the addition to the already valuable list of Anthracene-Chromate colors placed upon the market by the Cassella Color Company. The recent addition is *Anthracene-Chromate Gray G*, which is distinguished by its excellent fastness and good levelling qualities; it may be used for the production of the many various shades of grays and olives and also for shading the fashionable mode colors.

Anthracene-Chromate Gray G may be dyed by the well-known Chromate process, or it can be applied upon the chromed wool; or after-chromed in the same bath, these methods yielding shades possessing good fastness to milling and eminent resistance to light.

Dyers will also be interested to note that neither cotton nor silk is tinted in the least. The product therefore appears to be very well suited for the dyeing of fabrics containing effect threads.

The card shows a series of eight dyeings upon cloth, slubbing and yarn and illustrates a variety of extremely interesting shades.

Dyers may obtain a copy of the descriptive literature of this process by requesting from any of the branches of the Cassella Color Company supplement No. 29 to their well-known book on Wool Dyeing.

ANTHRACENE-CHROMATE COLORS DYED ON WORSTED YARN.

We have just received from the Cassella Color Company

of New York (American branch of Leopold Cassella & Co., G.m.b.H., Frankfort, Germany) a very attractive card showing twenty-four dyeings on worsted yarn, illustrating their well-known *Anthracene-Chromate Process*. The dyeings show a wide range of the fashionable shades that are much in demand by dyers for the coming season, comprising a line of grays, slates and other mode tones.

The folder gives the particulars of the dyeing process in ample detail and the dyer will have no difficulty in readily matching any given sample for the coming season, with the series of colors or their combinations shown.

Dyers interested in the production of fast to light and fulling shades upon worsteds may obtain a copy of this valuable shade card by addressing the Cassella Color Company, New York.

SILKS

handled **ABSOLUTELY**
by our *"Surplus"* Process **RAIN PROOF**

produces the water-spot proof effect that is in demand.

THE SCHWARZWAELDER CO.
301-303 Cherry St. Philadelphia, Pa.

A. W. BUHLMANN, TEXTILE ENGINEER, New York
487 BROADWAY, (Silk Exchange Building)

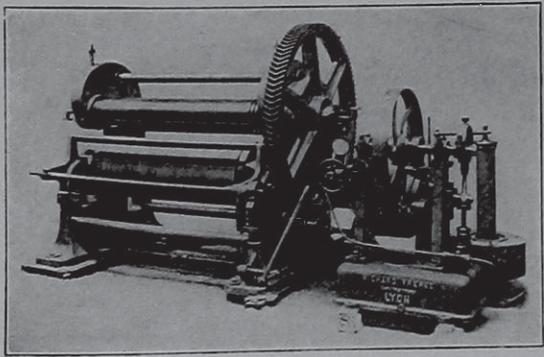
— *Importer of* —

TEXTILE MACHINERY

Specialty:

Installation of FINISHING PLANTS
for Cotton, Woolen, Worsted, Plush, Velvet, Corduroy and Silk Fabrics : : :

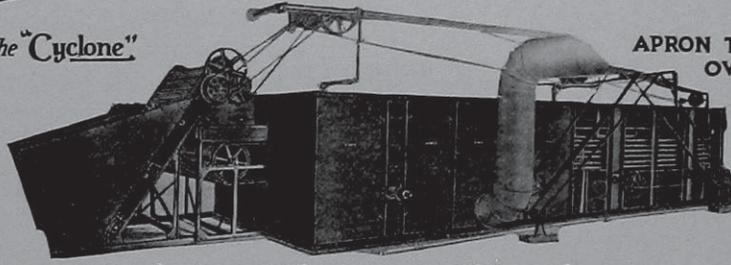
MERCERIZING INSTALLATIONS



PROCTOR DRYERS FIRE PROOF BUILT of METAL

Formerly the "Cyclone"

YARN DRYERS
COTTON STOCK DRYERS
WOOL DRYERS
HOSIERY DRYERS
CLOTH DRYERS
CARBONIZING OUTFITS
YARN SCOURING MACHINES
VENTILATING FANS



Proctor Dryer Panels removed from end

APRON TROUBLES
OVERCOME BY

The INTERLOCKING
CHAIN CONVEYOR

"It needs no adjustment"

THE PHILA. TEXTILE
MACHINERY CO.
HANCOCK and SOMERSET STS.
PHILADELPHIA PA.
Address Dept. T

PATENTS \$45

TOTAL COST UNTIL ALLOWANCE

\$5 starts your case
Send for free book

Keystone Law and Patent Co.

1325, P, Arch Street

PHILADELPHIA, PA.

CURTIS & MARBLE MACHINE CO.

MANUFACTURERS OF

WOOL BURRING, PICKING AND MIXING MACHINERY

CLOTH-FINISHING MACHINERY

FOR COTTON, WOOLEN, WORSTED AND FELT GOODS,
PLUSHES, VELVETS, CORDUROYS, CARPETS,
RUGS, MATS, ETC.

SINGLE OR DOUBLE WOOLEN SHEARING MACHINES
WITH PLAIN OR LIST-SAVING RESTS.

Successors to

ATLAS FOUNDRY AND MACHINE CO., Irvington, N. J.,
and MILLER PRESS AND MACHINE CO., Woonsocket, R. I.
Also to the Shearing Machine Department of
WOONSOCKET NAPPING MACHINERY CO.

WORCESTER, MASS.

Hotel Cumberland



NEW YORK CITY

Broadway at 54th Street

Near 50th St. Subway Station,
53d St. "L" and all surface lines

Near Depots, Shops and
Central Park

New and Fireproof

Strictly First Class
Rates Reasonable

**\$2.50 with Bath,
and up**

All hardwood floors and Oriental
Rugs. Ten minutes walk to twenty
Theatres. Excellent Restaurant.
Prices moderate.

Send for Booklet

HARRY P. STIMSON

Formerly with Hotel Imperial

R. J. BINGHAM

Formerly with Hotel Woodward

A POINTER ON SULPHUR BLACKS.

The greatest difficulty which confronts the Sulphur Black dyer is to produce a black with the characteristics of Aniline Black, that is one, possessing a rich, bloomy shade and fine, soft, glossy natural finish. It has been impossible to obtain this because of the injurious action of the sulphide of soda, necessary to put the dye in solution, upon the cotton. The strong alkali dissolves out the natural waxes leaving the cotton with an unnatural harsh feel.

Two articles for which much is claimed for remedying the above defects are *Thio-developer* and *Brilliantone*.

THIO-DEVELOPER develops the black from a shabby empty shade to a full rich bloomy one.

BRILLIANTONE puts back into the cotton the compounds which the strong alkali (sulphide of soda) has dissolved out, restoring the natural feel and causing the fabrics to take a good finish upon pressing.

The method of application is very simple, and it is claimed that all things considered this new process is considerably cheaper than the present one. Full information and samples will be gladly furnished by the Manufacturers, Scholler Bros. Co., Philadelphia.

DR. CHAUNCEY G. HELICK ARCHITECT and ENGINEER

Mill Construction
Reinforced Concrete

413 Walnut Street
PHILADELPHIA

"Thio-developer" and "Brilliantone"

**Gives to Sulphur Black
that which it lacks**

WRITE FOR FULL PARTICULARS

SCHOLLER BROS. CO.

High Grade Soaps
and Softeners

Textile
Specialties

3301 AMBER ST., PHILADELPHIA

JOHN C. EDWARDS NATHAN HEARD LOUIS C. SMITH

CROSBY & GREGORY
 Established 1854.
 Old South Building -- Boston, Massachusetts

PATENTS AND PATENT CAUSES
 Textile Work a Specialty

GET 'EM FROM THE DYE STICK KING
 Different from the usual junk.
Natural Round Water-Grown Cedar and Special Hardwoods
 We have cultivated and manufactured millions during 25 years and can save you money. Satisfied customers everywhere. We have "sumthin'" for you, Mr. Dyer—write us:
E. M. HAEDRICH, Mariner & Merchant Bldg., Philadelphia, Pa.

KILBURN, LINCOLN & COMPANY
LOOMS FOR
COTTON AND SILK WEAVING
 FALL RIVER, MASS.

HOWSON AND HOWSON
ATTORNEYS AT LAW
 West End Building, 32 S. Broad Street
 Philadelphia
SOLICITORS OF PATENTS New York, 38 Park Row
 Washington, 918 F Street

== THE COMB OF ==
THE SCHAELLIBAUM GRID

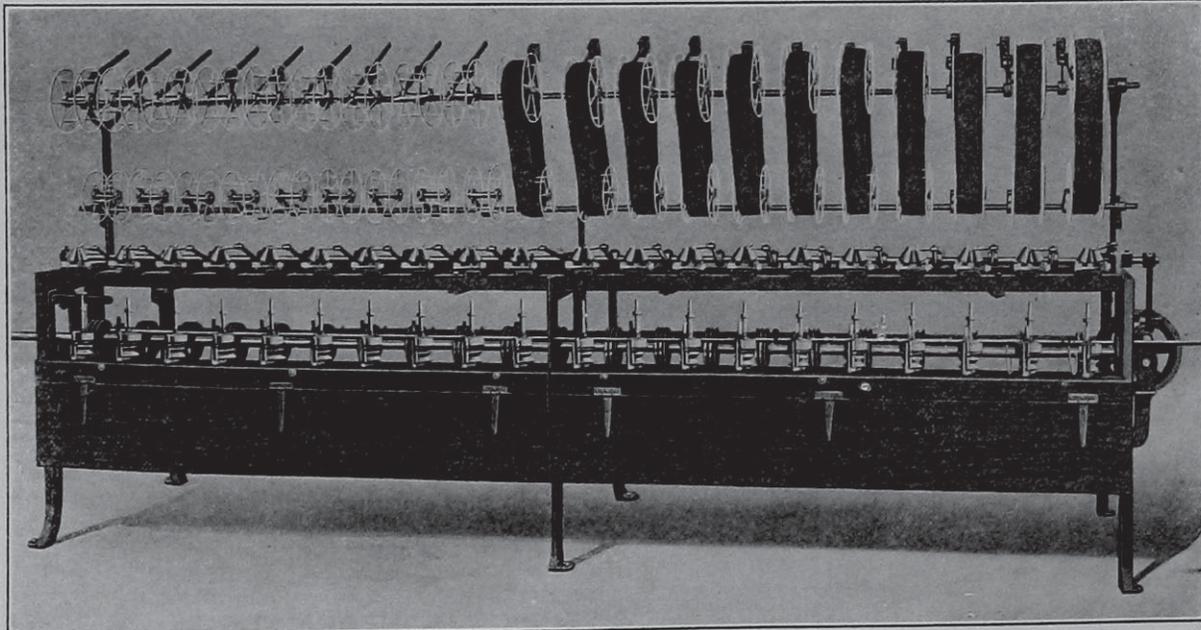
makes laps so even for every smallest fraction that we can guarantee evener slivers from first drawing frame than were obtained on second. Hence the Grids are worth, beyond all else, a set of drawing frames plus cost of their operation for all time.

The Rob. Schaellibaum Co.
 288 Dyer Street Providence, R. I.

MARSHALL BROS., Agts.
 Manufacturers of
BOBBINS and SPOOLS
 For Cotton, Woolen, Worsted and Silk Factories
 Adams and Frankford Aves. Philadelphia
 FRA NK FORD

CHEMICALS AND APPARATUS
FOR THE DYE TRADE
J. & H. BERGE
 Best Bohemian Chemical Glassware and German Porcelain.
 C. P. Chemicals and Reagents, Chemists' Supplies of all kinds.
 95 JOHN STREET, NEW YORK

OSWALD LEVER CO., Inc., BUILDERS OF
 Lehigh & Mascher Sts. TEXTILE MACHINERY
PHILADELPHIA, PA.



**This is the Most Suitable Machine for Winding Fine Cotton, Worsted, Dupion and Silk
 On Paper Tubes or Quills Equally Successfully**

CIBA DYES

CIBA BLUE CIBA BORDEAUX
CIBA VIOLET CIBA SCARLET
CIBA RED CIBA HELIOTROPE

Vat Dyes for Cotton Dyeing and Printing—also for Wool and Silk.

CIBANON YELLOW, BROWN, ORANGE

Vat Dyes for Cotton Dyeing—Fast to Light, Chlorine and Washing.

Made by SOCIETY of CHEMICAL INDUSTRY, BASLE

A. Klipstein & Co., : New York, : American Agents

ITEMS OF INTEREST.

There is no more patent fallacy in dry goods retailing than the one concerning ready-to-wear goods. Customers buy them on the ground that it is cheaper to buy than to sit down and make, and while that is true in a great many instances, it is the fact that a great volume of sin is covered with lace in many garments that are sold ready to wear. Women who have been purchasing ready-to-wear suits have begun to learn this truth, and they are getting back to the dress goods counter and to the home dressmaker again. More poor qualities in fabrics can be sold by the aid of fine braids than any one dreamt of when the great ready-to-wear factories were first planned. In common with other advances that have been referred to, the ready-to-wear suit for women has a large place. A suit can be bought for any price from "\$9.98 cut from \$15," to "\$60, worth \$75, and strictly tailor made." But the suit of \$25 to-day is not the suit of four years ago by about \$15 worth, and even this proportion is stating the case moderately, when many stores' results are studied at close range.

Articles of incorporation were filed January 2d under the laws of Delaware for the *General Cotton Securities Company*, with an authorized capital stock of \$10,000,000, consisting of \$7,000,000 common and \$3,000,000 7 per cent cumulative preferred stock. The incorporators are Ralph P. Buell, of New York City, Sidney V. Morris, of Bay Side, L. I., and Charles H. Stanton, of Brooklyn, all of whom are connected with the law firm of Graham & L'Amoreaux, New York. The object of the concern, it is said, is to establish cotton gins, compresses and warehouses in various parts of the South.

BOSTON WOOL MARKET.

The leading domestic quotations range as follows:

Ohio and Pennsylvania fleeces—XX, 37c; X, 34 a 35c; No. 1 washed, 40 a 41c; No. 2 washed, 40c; fine unwashed, 27 a 28c; fine unmerchanted, 31c; ½-blood combing, 36 a 37c; ¾-blood combing, 36 a 37c; ¼-blood combing, 34 a 35c; de-laine washed, 39c.

Michigan, Wisconsin, New York fleeces—Fine unwashed, 25 a 26c; de-laine unwashed, 31 a 32c; ½-blood unwashed, 35 a 36c; ¾-blood unwashed, 35 a 36c; ¼-blood, 33 a 34c.

Kentucky, Indiana and Missouri—¾-blood, 34c; ¼-blood, 32 a 33c; Georgia, 31 a 32c.

Scoured Value—Texas—Fine twelve months, 73 a 75c; fine, six to eight months, 68 a 70c; fine fall, 60 a 62c. California—Northern, 68 a 70c; middle county, 63 a 65c; fall free, 50 a 52c. Oregon—Eastern No. 1 staple, 75 a 78c; Eastern clothing, 70 a 72c; valley No. 1, 57 a 58c. Territory—Fine staple, 77 a 80c; fine medium staple, 70 a 72c; fine clothing, 70 a 72c; fine medium clothing, 66 a 68c; ½-blood, 73 a 76c; ¾-blood, 68 a 70c; ¼-blood, 67 a 68c. Pulled—Extra, 72 a 75c; fine A, 68 a 70c; A supers, 60 a 65c.

Leni, Pa. The Yorkshire Worsted Mills were the scene of the largest and greatest festivities ever seen in this section of the country. Miller & Pleet, proprietors of the plant, have just completed building a new two-story brick mill, in addition to their growing plant, and by way of proper dedication, January 1st, gave a housewarming and reception to the employes and their friends in the new building, which is a 60 by 151 feet structure. The upper floor was, for the occasion, transformed into a massive ballroom, and that is where the dedication exercises were held.

COTTON SPINNERS ADOPT MINIMUM PRICES.

CHARLOTTE, N. C., Jan. 4.—Determined if possible to bring about improved conditions in the great industry they represent, the spinners of the South in conference here to-day passed the following resolution:

"Resolved, That we recommend the adoption of the following schedule of prices and, unless these prices can be secured, then we urge immediate curtailment."

The schedule is as follows:

SINGLE.			
8's	hard	24c.,	soft 24½c.
2 AND 3-PLY.			
8's	hard	24½c.,	soft 25c.
10's	hard	25c.,	soft 25½c.
12's	hard	25½c.,	soft 26c.
14's	hard	26c.,	soft 26½c.
16's	hard	26½c.,	soft 27c.
20's	hard	27½c.,	soft 28c.
24's	hard	28½c.,	soft 29c.
26's	hard	29c.,	soft 29½c.
30's	hard	30c.,	soft 30½c.
36's	hard	36c.,	soft 36½c.
40's	hard	39c.	
50's	hard	44c.	
60's	hard	50c.	

The special committee of ten, appointed at the morning session to agree upon a plan of action, reported that the price schedule reported was the most conservative basis that the mills could reach, as it was nothing more than cost for goods on the present market of raw material. The resolution and the accompanying schedule were adopted unanimously.

Nearly two hundred spinners, representing nearly a million and a half spindles, in addition to scores of commission men from Boston, New York and Philadelphia, who came on invitation of the manufacturers, composed the conference.

I CAN HELP MANUFACTURERS TO CUT DOWN THEIR FUEL BILLS

I have installed at my laboratories a complete, perfect equipment for the chemical analysis of coals, and the determination of their heat producing and other qualities. **WRITE ME FOR INFORMATION.**

FREDERICK J. MAYWALD, F. C. S., Consulting Chemist, 91 Pine Street, NEW YORK CITY

BOOKS ON TEXTILE SUBJECTS.

Wool Dyeing (Part 1), by W. M. Gardner. Price \$2.00.

TABLE OF CONTENTS: Fibre, Scouring, Bleaching, Water, Mordants, Assistants and other Chemicals.

Wool Dyeing (Part 2), by Gardner and Knaggs. \$3.00.

TABLE OF CONTENTS: Classification of Coloring Matters; Natural Dyestuffs: Logwood, Redwoods, Madder, Cochineal, Kermes and Lac-dye, Orchlil; Cudbear and Allied Coloring Matters, Yellow-Dyes, Indigo; Artificial Dyestuffs: Classification of Coal-tar Dyes, Artificial Mordant Dyes, Acid Mordant Dyes, Acid Dyes, Direct Cotton Dyes Suitable for Wool, Basic Dyes, Dyes Applied by Oxidation, Reduction and other Special Processes, Metallic Dyes, Methods of Dyeing Wool in Various Forms, Suitability of Dyes for Different Classes of Work, The Theory of Wool Dyeing.

The Dyeing of Cotton Fabrics, by F. Beech. Price \$3.00.

TABLE OF CONTENTS: Fibre; Action of Alkalies, Acids and Oxidising Agents; Bleaching; Dyeing Machinery and Manipulations; Principles and Practice of Cotton Dyeing; Dyeing Unions, Cotton-Wool, Cotton-Silk; Washing, Soaping, Drying; Testing Color; Experimental Dyeing and Comparative Dye Testing.

Silk Dyeing Printing and Finishing, by G. H. Hurst. Price \$2.00.

TABLE OF CONTENTS: Fibres; Boiling Off; Bleaching; Dyeing Blacks and Fancy Colors; Weighting; Dyeing Mixed Fabrics; Printing; Dyeing and Finishing Machinery and Processes.

Dyeing of Textile Fabrics, by Hummel and Hasluck. Price \$2.00.

Three Volumes Bound in One.

Vol. 1: Textile Fabrics and Their Preparation for Dyeing.

Vol. 2: Coloring Matters for Dyeing Textile Fabrics.

Vol. 3: Mordants, Methods and Machines used in Dyeing.

Wool, Cotton, Silk; Fibre to Finished Fabric, by Posselt. Price \$7.50.

TABLE OF CONTENTS: Raw Materials; Preparatory Processes: Carding, Drawing, Spinning and Twisting; Winding, Warping; Weaving Machinery and Supplies; Knitting, Processes and Machinery; Dyeing, Bleaching, Mercerizing, Processes and Machinery; Finishing, Processes and Machinery; Heat, Power and Transmission.

Color in Woven Design, by R. Beaumont. Price \$7.50.

This work contains on 32 plates 126 colored illustrations of Diagrams illustrating the Mixing of Colors; Fancy Yarns, Fancy Cassimeres, Worsteds, Trouserines, Coatings, Suitings, Ladies Dress Goods, Cloakings, Fancy Cotton and Silk Fabrics. Besides said 126 colored illustrations, the work contains 203 illustrations, in black and white, of Weaves and Color-Effects in Fabrics, etc., accompanied by 440 pages of reading matter.

Chemistry of Dye-Stuffs, by G. von Georgievics. Price \$4.50.

A textbook presenting to the student in as condensed a form as possible the extremely wide domain of the modern chemistry of dye-stuffs; bringing into prominence all the relations known to subsist between the various dyes and groups of dyes, as well as the connection between color and constitution, since the proper appreciation of these relations forms the main object of color chemistry.

The Jacquard Machine, by E. A. Posselt. Price \$3.00.

TABLE OF CONTENTS: Different parts of the Jacquard Machine and its Method of Operation; The Jacquard Harness; The Comberboard; Tying up of Jacquard Harnesses for all kinds of Fabrics, Modifications of the Single Lift Machine; Stamping, Lacing and Repeating of Jacquard Cards; Practical Hints on Jacquard Designing.

Testing of Yarns and Textile Fabrics, by J. Herzfeld. Price \$3.50.

A Guide for the Manufacturer and Large Purchaser, who observe definite specifications to insure standard material and workmanship; also giving a collection of tests, both of physical and of chemical nature.

Woolen Spinning, by C. Vickerman. Price \$1.75.

TABLE OF CONTENTS: Fibre, Supply, Sorting, Scouring and Drying, Bleaching and Extracting, Dyeing, Burring, Mixing and Oiling, Carding, Spinning, The Mule, Miscellaneous.

Wool Combing, by H. Priestman. Price \$1.50.

TABLE OF CONTENTS: Fibre, Washing, Water, Carding, Preparing, Intermediate Processes, Combing, Finishing, Tops and Top Testing.

Silk Throwing and Waste Silk Spinning, by H. Rayner. Price \$2.50.

A Treatise on the Principles of Silk Throwing and Waste Silk Spinning, with Illustrations and Descriptions of the Machinery used.

Textile Calculations, by E. A. Posselt. Price \$2.00.

A Complete Guide to Calculations Relating to the Construction of All Kinds of Yarns, Fabrics, and the Analysis of Cloth.

Cotton Spinning, by T. Thornley. 3 Volumes. Price \$6.50.

A Complete Self-Instructor (with Questions and Answers) on this subject, treating machinery and processes as used abroad.

The above books, as well as any other books on Textile Subjects, no matter where published, sent charges prepaid. Remittances should be made by Check or Money Order, or in Registered Letters. Not responsible for money lost, when otherwise sent.

TEXTILE PUBLISHING COMPANY

Lambert and Berks Sts.

PHILADELPHIA, PA

WEIMAR BROTHERS
MANUFACTURERS OF
Tapes, Bindings and Narrow Fabrics
2046-48 AMBER STREET
PHILADELPHIA

WHEN QUALITY COUNTS WE GET THE ORDER



Cuts in this Journal are a sample of our work.

ESTABLISHED 1869

INCORPORATED 1906

The Whitaker Reed Co.
MANUFACTURERS OF

LOOM REEDS OF ALL KINDS

"Royal" Ring Travelers, Mill Wire Goods and Heddles
Worcester, - - - Mass.

Long Distance Telephone 426

Established 1888

WIDMER BROS.

Silk Ribbon Looms

BATTONS A SPECIALTY

108-114 North 7th St.

Paterson, N. J.

K-A Electrical Warp Stop

IS ACTIVE AND UP TO DATE

SUBSTANTIAL EQUIPMENTS NOW IN PROCESS.

REPEAT ORDERS ARE ENDORSEMENTS OF MERIT.

COMPARISON WITH OTHER WARP STOPS INVITED.

K-A STANDS FOR CERTAINTY—SAFETY—SAVING.

K-A Dept.

Mossberg Wrench Company

Central Falls, R. I.



**TAPE & RIBBON SHUTTLES
QUILLS, FIBRE PINIONS**

WRITE ME FOR PRICES
BEFORE ORDERING ELSEWHERE

ROBERT G. PRATT, Worcester, Mass.

MILL NEWS

Philadelphia. Many changes have taken place in the plant of the Karl Schlatter Dye Works, of which Mr. A. E. Willgoos is the successful manager, during the past five months. The one-story mill which was destroyed by fire on July 17th has been replaced by a two-story mill of the latest type of slow burning construction. The boiler house has been enlarged and additional boilers installed. The power plant has been increased by the installation of a 200 horse power high speed Skinner Automatic Engine. The new plant has been equipped with the most modern machinery and the other three mills of this company have also been rearranged and re-equipped with all the best machinery for each special line of work. This company now has the largest and most modern plant in the country, devoted exclusively to the dyeing of skein cotton yarns and cotton hosiery. Its many years' experience in the dyeing of fast blacks and fast colors for all weaving and knitting purposes, and the great business done in the dyeing of hosiery, its output in this line amounting to 240,000 pairs daily in oxidized, sulphur and developed blacks and stainless fancy colors, should certainly insure the best results in any work entrusted to it. The entire plant of the company started in full operation this week, and its great capacity and unequaled facilities enable it to put all orders through with great promptness.

The Adross Worsted Co., Frankford, manufacturers of worsted dress goods, is erecting an addition to its plant, consisting of a two-story brick structure, 80 x 45 feet, providing facilities for placing machinery to increase output of mill by 40 per cent.

The Roxford Knitting Company has purchased 1542-44-46 and 48 North Randolph street. Recently they purchased properties 1530 to 1540, inclusive. The company expects to enlarge its factory, and by purchasing these properties has acquired an additional area of 138 x 75 feet. When the addition is completed, the mills will occupy a total area of 100 feet on Jefferson street and 338 feet on Randolph street. William Steele & Sons' Co., Philadelphia's most prominent contractors, are erecting the new buildings.

Feld & Co., the proprietors of the Novelty Knitting Company, manufacturers of sweater coats, knit vests, etc.,

have moved to the Fretz building, Tenth and Diamond streets, where they have leased a portion of the eighth floor, containing about 30,000 square feet, giving them three times the space they had previously.

Birdsboro, Pa. A. K. Clemons, of Norristown, is reported to have purchased the seamless cotton hosiery mill of W. B. Beyer & Son. The mill uses 70 knitting machines.

Harrisburg, Pa. It is current that the Well-knit Hosiery Company is contemplating the erection of a new mill. Construction work is to begin shortly. The mill will probably be 200 x 60 feet, constructed of concrete, iron and brick, and cost about \$40,000.

The Robeson Knitting Company has been chartered with a capital stock of \$25,000. The treasurer of the company is D. K. High.

Mountainville, Pa. The structural work of the new silk mill at Mountainville is now completed. Some of the looms are installed and it is expected that shortly operations will be begun, weaving silk ribbons.

Reading, Pa. The Metropolitan Knitting Mills has just installed twenty 240-needle machines and four additional loopers for the manufacture of women's gauze hose.

Harry Gehrke, formerly of Gehrke & Kalbach, operating the Gloss Knitting Mills, which was dissolved some time ago, has started operations on the third floor of the Tragel Building, Fifth and Court streets, the new firm to be known as the Gehrke Knitting Mills.

The plant of the East Penn Hosiery Co. has been sold to the Nolde & Horst Company.

Upland, Pa. The Chessauqua Silk Company has received another carload of looms and has placed them in the plant. The company is finding that business is brisk in their line of goods, and as fast as they can find hands to run the looms they are started.

Vera Cruz, Pa. The new silk mill has a dozen looms in operation on broad silks. The building is a very substantial one, of brick, two stories high.

Bound Brook, N. J. The Bound Brook Woolen Mills, idle for some months, will soon be running full on both woolen and worsted dress goods and men's wear. Samples have already been gotten out.

Jersey City, N. J. Henry A. Prunaret, formerly superintendent of the Home Silk Mills, Haverstraw, N. Y., is now the general manager of the Poidebard Silk Manufacturing Company.

Paterson, N. J. The big A. & M. Levy mill, which has been idle for the greater part of a year, will within a very short time be running again. The new owners are the Miesch Manufacturing Company, of this city and Halstead, N. Y.

Pluckemin, N. J. The Superior Thread and Yarn Co., recently incorporated, has leased, with the privilege of buying, the Pluckemin Mill of the Somerville Manufacturing Co. The product of this mill will be imitation of fine worsted yarn and thread for textile and other purposes. To this end a large addition has been made to the buildings, and a great amount of new machinery is being installed.

Trenton, N. J. The Gregory Mills have been incorporated with a capital stock of \$100,000, to manufacture yarns and textiles.

College Point, L. I. The business of the Myhnepo Silk Mills is expanding to such an extent that the concern has found it necessary to make another addition to its large plant.

Firthcliffe, N. Y. The Firth Carpet Company, Firthcliffe, is erecting a new weave shed. An addition to the company's printing department is also being built.

Fulton, N. Y. The Monarch Knitting Mills Company have certified to the Secretary of State that they had increased the capital stock from \$10,000 to \$30,000.

Haverstraw, N. Y. Francis J. Rue has sold his interest in the Home Silk Mills to A. Balthasar and has resigned as president of the company. Mr. Balthasar is now president and treasurer of the corporation.

New York. The American Thread Co. has declared and paid the regular semi-annual dividend of 2½ per cent on the preferred stock.

Saratoga Springs, N. Y. Work has been started for some time on a plant devoted to the manufacture of Nottingham lace. The plant will be managed by Mr. Francis Binch, for thirty years a lace maker in England. His scheme is being financed by the Citizens' National Bank and a number of wealthy Saratogians.

MANUFACTURERS
OF
ANTHRACINE



COAL TAR
PRODUCTS
ANILINES

Sherburne, N. Y. The Utica Knitting Company, on account of the high price of cotton, has ceased to operate the night shift, which they have been employing for some years past.

Theresa, N. Y. The Theresa Silk Co. has begun operations, under the management of David Moore.

Yonkers, N. Y. It is announced that the H. M. Marcus & Bro. Corporation, Nepara Park, have incorporated with a capital stock of \$70,000.

Adams, Mass. The Adams Woolen Co. is adding ten new looms.

Boston. The following changes in management of various departments of the American Woolen Company have taken effect January 1, 1910:

Frank H. Carpenter, of the Weybosset Mills, has been appointed to the newly-created office of general agent of the woolen division of the company.

Clarence J. Bodfish has been appointed to the newly-created office of general agent of the worsted division of the company.

David A. Haig, of the Anderson Mills, has succeeded Mr. Carpenter as agent of the Weybosset Mills.

Arthur R. Jones, superintendent at the Anderson Mills, has been appointed to be agent of these mills, succeeding Mr. Haig.

Thomas Sampson has been appointed to the agency of the Ounegan Mills, Oldtown, Me., with Willard H. Cummings, formerly agent of the Vassalboro Mills, North Vassalboro, Me., as superintendent.

Robert T. Schouler has been promoted from superintendent of the Ray Mills, Franklin, Mass., to be agent of the Moosup Mills, Moosup, Conn.

J. C. Warner, of the Moosup Mills, has been appointed to be agent of the Beoli-Cambridge Mills, at Fitchburg, Mass.

William M. Lasbury has been transferred from the agency of the Fitchburg Mills of the company to the Assesbet Mills, Maynard, Mass., as resident agent.

James McDougal, of the Kennebec Mills, Fairfield, Me., has been made agent of the Royalston Mills, South Royalston, Mass., which mill is being made over from a woolen spinning plant into a complete woolen mill.

James Boothman, formerly assistant agent of the Ayer Mills, Lawrence, has been appointed resident agent.

The Silesia Worsted Mills have been incorporated with a capital of \$1,500,000. The president of the company is Edward W. Atkinson; treasurer, A. Adie, and C. Charter is clerk. The incorporators are all from the town of Brookline.

Fall River, Mass. The directors of the Stafford Mills have voted to increase the capacity of the No. 2 mill by adding between 10,000 and 15,000 spindles. The ell on the north side of the No. 2 building will be extended fifty feet and carried up from three to five stories.

The fortieth semi-annual profit-sharing dividend has been paid to the help of the Bourne Mills, it being 4 per cent on the total wages received by the operatives from the latter part of June to December 4. The weekly payroll of the Bourne Mills is about \$5,500, so that the disbursement amounts to about \$5,200. About 600 operatives benefit by this dividend.

John H. Hopkinson, a clerk in the Union Mills' office, has invented an automatic shuttle threading device. The new device has been worked upon experimentally for some months in the Union Mills weaving rooms, the Iron Works Mills and the Mechanics Mills, and is a practical success. The inventor is the son of the owner of the Hopkinson Dyeing and Textile Works at Fall River.

Franklin, Mass. Harry T. Hayward, manufacturer of woolen goods, is building an addition, 53 by 135 feet, two stories high, to his mill.

Huntington, Mass. The Huntington Manufacturing Company has bought the woolen mill in Huntington, formerly called the Massasoit Woolen Company, which had been leased by them for the past few years. William M. Lovering is at the head of the concern. The present management has been running the mill steadily for the past two years.

Lawrence, Mass. The Wool Worsted Mills have maturing next March the first instalment of \$500,000 4½ per cent notes of the total issue of \$3,500,000. The funds for the payment of these notes are already on deposit and subsequent maturities will be paid off like the one soon to mature, through the use of surplus earnings.

Lowell, Mass. The Shaw Machine shop in Middlesex and Edwards streets, purchased a few years ago by Mr.

Wood, was transferred from the American Woolen Co. to the Ayer Mills, a corporation subsidiary to the American Woolen Co. There has been a rumor in mill circles in Lowell for some time that the old machine shop was soon to be opened as a yarn mill. If this proves to be true it will be welcome news to the people living in the vicinity of the mill, which has been idle for some time. For several months past the machine shop buildings have been used by the American Machinery Co. for the storage of machinery. This company is also a subsidiary company of the American Woolen Co.

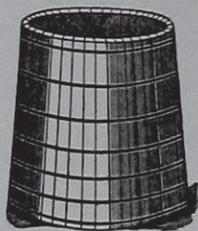
The Appleton Company has awarded a contract for an addition to be erected to the boiler house of its plant. The new structure will be built in the Appleton yard between Jackson and Middlesex streets, nine new boilers to be installed upon the completion of the building. The addition will be of brick, 50 x 60 feet, 26 feet high, with a flat roof.

Monson, Mass. Charles L. Ricketts, of Manchester, Conn., who for several years has been paymaster and superintendent of outside work for the E. E. Hilliard Woolen Manufacturing Company, has resigned and will come to this place, where he will engage in the woolen manufacturing business. With his brother, W. L. Ricketts, and A. E. Shaw, he has acquired the Ellis interest in the Ellis-Ricketts Company of this place, with which his father was formerly connected. The concern will operate a six-set mill for the manufacture of dress goods and men's fabrics.

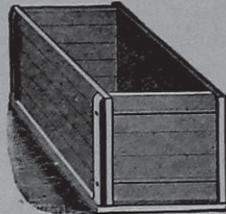
New Bedford, Mass. The new mills erected during 1909, with the additions to the old, increase the spindles by 24 per cent. While the earnings of the mills in 1909 for various reasons are not as large as in 1907, the banner year, they have been good, and dividends from those earnings and from the accumulations of previous years, have brought the total up to a larger amount than in any previous year.

During the year 1909 there was the unprecedented net gain in capital stock invested in New Bedford cotton industries of \$9,137,500. In addition there was \$850,000 of cotton mill bonds subscribed for, making the total amount invested during the year \$9,922,500—

G. WOOLFORD WOOD TANK MFG. CO.



**TANKS
VATS
AND
DYE
TUBS**



FOR ALL PURPOSES

1429 Chestnut St.

Philadelphia

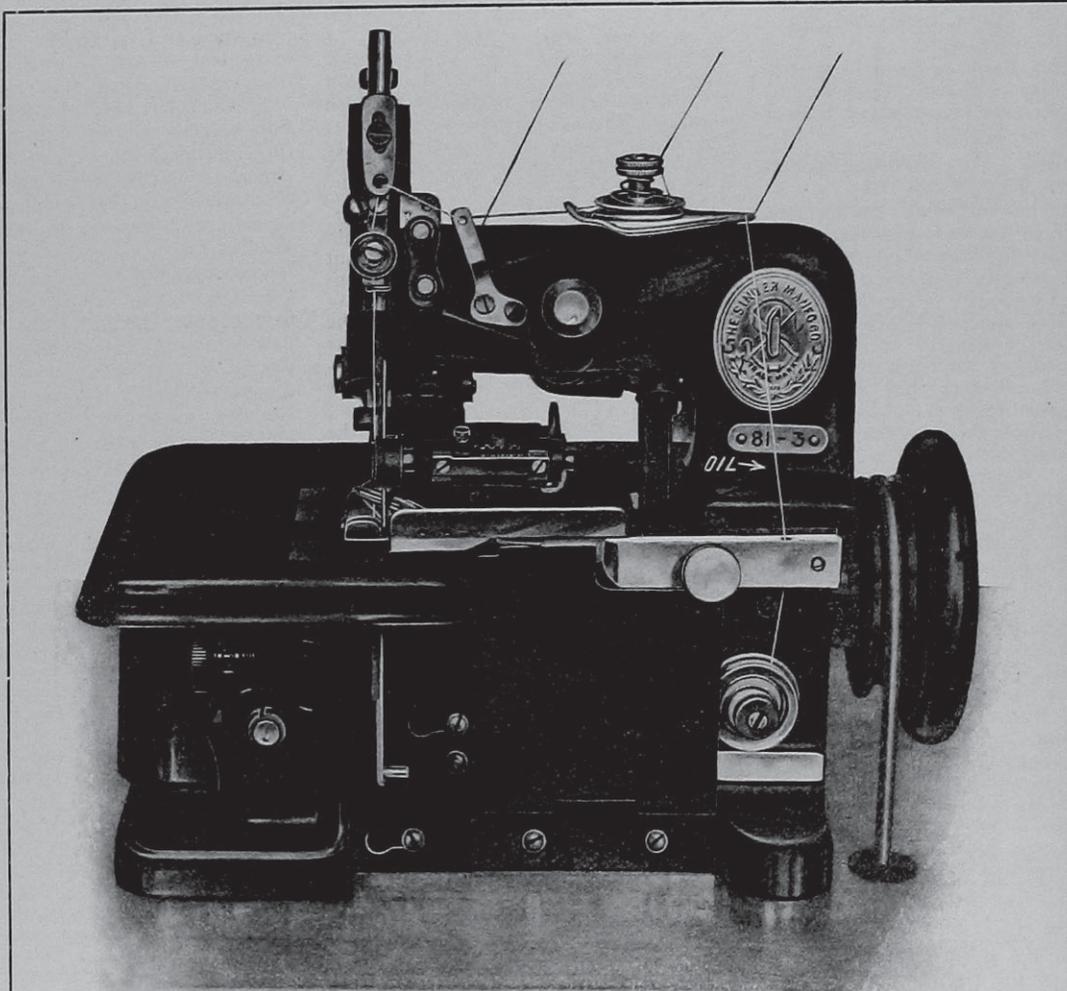
Calder Machine Works

420 North Third Street
PHILADELPHIA, PA.

*Spindles, Flyers, Caps, Tubes
and all parts for*

WORSTED AND SILK SPINNING

SPINDLES AND FLYERS CORRECTLY REPAIRED



SINGER MACHINE NO. 81-3

Latest and Best for Trimming and Overedging Knit Goods

Can be used at the highest practical speed for all Seaming, Hemming, Putting on Cuffs; Sewing on Borders, Edging Armholes, Necks, Collarettes and Bottom of Garments; making a smooth, firm and sightly seam, that is entirely finished when it leaves the machine

— FREE SAMPLES OF WORK FURNISHED ON APPLICATION —

Singer Sewing Machine Co.,

Room 3617
Singer Building
NEW YORK

TELEPHONE, SPRING 2641

A. SUTER

TEXTILE ENGINEER

487 Broadway, New York

(Silk Exchange Building)

— Importer and exclusive Agent for the —

HONEGGER LOOMS and Machinery. REED ENTERING MACHINE.
BRIEM & KOCH'S, GREFELD FINISHING MACHINES for All Silk and mixed
fabrics, velvets, plushes and ribbons.
COMBED AMERICAN AND EGYPTIAN COTTON for weaving and knit-
ting purposes, on cops bobbins and skeins in singles and plies.
MILL SUPPLIES, as wire heddles, wire false reeds, paper quilts and bobbins,
elastic swifts, etc., also

Testing Apparatus for All Kinds of Textile Fibres

of HENRY BAER & CO. OF ZURICH (Switzerland) and GUISEPPE
CORTI, MILAN (Italy).

Sizing Balances, Darning Scales. Thread Controllers.
Metreing or yarding reels. Automatic Strength and Elasticity
Conditioning Ovens. Measurers for single threads, skein
and woven fabrics.
Twist Measurers with magnifying glass and take-up indicator. Spindle Speed Measurers.
Skein Twisters, etc.
These apparatus are in daily use at the U. S. CONDITIONING CO. OF NEW
YORK and most all of the leading manufacturers.

CATALOGUES AND ESTIMATES GLADLY FURNISHED

nearly \$10,000,000—a record never before equaled in any cotton manufacturing centre in the United States. Five new corporations were formed, having a combined capital of \$5,912,500, and \$500,000 of bonds—the New Bedford Cotton Mill Co., capital \$250,000 common stock and \$750,000 preferred and \$500,000 of bonds; the Holmes Manufacturing Co., \$600,000 common stock and \$600,000 preferred; the Nashawena Mills, \$2,500,000; the Pierce Brothers, Ltd., \$700,000; and the Anderson Textile Manufacturing Co., \$12,500. The following increased their capital stock: Dartmouth Manufacturing Co., \$600,000 common and \$600,000 preferred, and \$350,000 of bonds; Gosnold Mills Co., \$275,000 common and \$275,000 preferred; Nonquitt Spinning Co., \$1,200,000; Soule Mill, \$210,000; and Whitman Mills, \$500,000. The Crescent Manufacturing Co. increased its capital stock from \$19,000 to \$65,000.

Before the ending of the year 1910 New Bedford Cotton Mills will have in operation 2,647,843 spindles, an increase of 510,032, or 23.9-10 per cent, which comes from installing in new mills and additions in those already in operation. The Dartmouth Manufacturing Corporation added 73,408 spindles; Nonquitt, 70,000; Page, 12,624; Taber, 10,800; and Whitman, 50,800. The new mills install as follows: Anderson Textile Manufacturing Co., 2,000 spindles; Holmes, 50,400; Nashawena, 125,000; New Bedford Cotton Mills Co., 65,000, and Pierce Bros., Ltd., 50,000.

The number of looms is 50,698, an increase of 12,637, or about 33.1-5 per cent; the Dartmouth Manufacturing Corporation adding 1,500; Gosnold Mills Co., 1,416; Page Mills, 518; Soule Mill, 300; Taber Mill, 246; and Whitman, 1,600. The new mills install: Nashawena Mills, 4,100; New Bedford Cotton Mill Co., 1,200; Pierce Bros., Ltd., 1,350. The operatives number 27,717, an increase of 6,197, or about 28½ per cent. The number of mills is 60, an increase of 10.

New Bedford cotton manufacturing corporations paid in dividends in 1909 an aggregate amount of \$2,992,062.50, against \$1,798,595 paid in 1908, an increase of \$1,194,467.50, or about 66.4-10 per cent. In 1907 the total dividends paid amounted to \$2,489,750, but that was a phenomenal year.

Northampton, Mass. The Northampton Silk Company, a subsidiary of the McCallum Hosiery Company, will erect a new plant shortly for the manufacture of silk hosiery.

Pittsfield, Mass. The lower mill thread business of the J. L. & T. D. Peck Manufacturing Company has been sold to the William Warren Thread Works of Westfield, Mass., and the machinery in the mill will be shipped to Westfield about the middle of January.

South Royalston, Mass. Work on the foundation of a new picker and dye house at the George H. Whitney factory in this place, now owned by the American Woolen Company, has been started and a building 227 x 72 feet, two stories, of concrete and fireproof material, is being erected on the south side of Millers River.

Taunton, Mass. Additional knitting machinery is to be installed by the Taunton Knitting Company, by which its capacity will be doubled.

Three Rivers, Mass. The new weave shed recently completed by the Palmer Mill of the Otis Co. has been filled with looms removed from two floors of the main mill. Some 250 Draper dobby automatics are being added, and some old looms thrown out. The total equipment of the weave shed is about 1,260 looms.

Worcester, Mass. Matthew J. Whittall, the largest individual carpet manufacturer in the United States, announced his mills will go on a 56-hour schedule with no reduction in wages. Help on piece work are to have a raise of 5 per cent to compensate for the advantage derived by the rest of the help in shorter hours.

Allendale, R. I. The new three-story addition to plant of Allendale Worsted Co. is about completed and the new machinery expected. One hundred and fifty more hands will be employed.

Greystone, R. I. Plans for the new buildings for Joseph Benn & Sons, for which they have given out a contract amounting to \$400,000, show that the weave shed and spinning mill will be five stories, 190 by 62 feet, for the main building, and 70 by 50 feet for the secondary building. The floor space will be about 76,000 square feet. The new dyehouse, which was also included in the contract, will have 60,000 square feet on the ground floor.

Pawtucket, R. I. A number of textile mills in Pawtucket and Central Falls are curtailing production, due in part to the high price of cotton. The American Yarn Company and the E. Jenckes Manufacturing Company announce that until further notice their mills will be operated five days a week. The two concerns employ about 1,000 hands.

Warren, R. I. Preparation will be made immediately to put the Cutler Manufacturing Company, which has been idle for a year or more, in operation as soon as possible. This plant was purchased lately by the Estes, of Fall River.

Woonsocket, R. I. The Franklin Felt Co. will soon begin the manufacture of felt in its new plant in Hayward street. William D. Mann, for several years with City Mills Co., will be superintendent.

Danielson, Conn. The American Worsted Company, of Lawrence, Mass., has bought a plant from the Industrial & Manufacturing Co. of this place. The factory will be equipped with machinery, and is expected to be running in the spring.

Hartford, Conn. The Hygrade Mills Company has leased a plant on Market street for the manufacture of worsted sweaters, coats and mufflers. Machinery has been ordered for a daily production of 750 coats.

Norwich, Conn. The J. B. Martin Company, manufacturers of silk velvets, has begun the erection of two large additions to its plant. An addition to the weave shed is being constructed, 75 x 160 feet, one story high, and another building is to be erected, 40 x 300 feet, two stories high.

Rockville, Conn. The Rockville Worsted Company has been organized to operate the Fitch plant, which was recently bought from Belding Brothers & Co. by Edmond Corcoran, of Philadelphia. The corporation has an authorized capital stock of \$125,000, and the incorporators are Edmond Corcoran and T. M. Corcoran, of Philadelphia, Frank E. Weeden, of Providence, T. J. Corcoran, of Warren, Mass., and A. N. Belding, T. J. Corcoran, Jr., P. B. Leonard, Joseph B. Coogan, George P. Wendheiser and Halsey L. Allen, all of Rockville.

The Vernon Woolen Company, whose plant was recently destroyed by fire, has practically decided to rebuild.

Willimantic, Conn. Next spring the American Thread Company will begin work on a new bleach house. It will be a three-story modern structure, to be erected on the land just east of the new No. 6 finishing mill.

Dover, N. H. The Sawyer branch of the American Woolen Company is installing a filtering plant for the water used in their scouring department.

Manchester, N. H. The Amoskeag Manufacturing Company is now selling their own goods, instead of through a commission house as formerly.

Meredith, N. H. The Meredith Linen Mills are installing a pair of S. Morgan Smith Company turbine water wheels.

Lewiston, Me. The new six-story mill, which the Hill Manufacturing Co. has been erecting, is completed; the machinery will be in operation about the first of February. The engine is practically ready for use. The cloth room will be moved into the new building and the space which it now occupies will be devoted to looms. Revolving flat cards are also being installed in the new mill, while 300 additional Mason and 200 Draper automatic looms have been ordered. The new structure is of brick, six stories high besides the basement.

Sanford, Me. The 80 by 60 feet new addition to Mill K of the Goodall Worsted Company, will be used for spinning and combing, and will increase the space now occupied by these departments by about 10,000 feet. The company's new mill at Kennebec, nearing completion, will be used exclusively for weaving.

Albemarle, N. C. The Southern Power Company is erecting its transforming station to the rear of the Wiscasset Mills Company. The plant will be completed by January 15, and it is expected that machinery and equipment will be installed by the first of February, so that the new cotton mills may be supplied with electricity as needed.

Bladenboro, N. C. H. C. Bridger and associates of this city are organizing a company to build a cotton mill.

Burlington, N. C. Plans are maturing for the organization of a \$25,000 corporation for conducting a finishing plant for Burlington for the purpose of dyeing and finishing hosiery.

Chapel Hill, N. C. The Durham Hosiery Mills have placed a contract for a complete equipment of Humidifiers for their branch mill at this place.

Charlotte, N. C. Reports state that B. L. Duke and associates in the American Tobacco Co. in various cotton mills in the Carolinas and in the Southern Power Co., this city, are planning the formation of a corporation to build a chain of cotton mills in North and South Carolina. It is stated that the mills will be located from time to time during the next year and are to be operated by electricity from the hydro-electric plants of the Southern Power Co.

The Star & Crescent Co., Hancock and Lehigh avenue, Philadelphia, Pa., has taken a three years' lease of the Crowley Manufacturing Company, of Charlotte, N. C. This Southern plant will be continued, operating 104 looms on the production of towels, crash and other similar goods.

Concord, N. C. The large new plant of the Locke Cotton Mills has been finished and the equipment of 35,000 spindles, 1,000 looms and a full complement of other machinery for manufacturing and finishing a high grade of wide colored cotton cloth is installed. The capacity of the plant is to be about 40,000 yards daily. The company, of which J. Locke Erwin is president and manager, has contracted with the Southern Power Co. of Charlotte for electric power to operate with, about 1,300 horse-power being required. The company also has an auxiliary steam plant.

Fayetteville, N. C. The Victory Manufacturing Company has added 1,792 spindles and thirty 44-inch Draper looms, and ten 41-inch Crompton & Knowles looms.

Greenville, N. C. The following dividends were paid January 1st by the mills of Greenville and vicinity:

American Spinning Co., \$30,000; Brandon Mills, \$25,500; Mills Mill, \$12,000; Woodside Mills, \$21,000; Monaghan Mills, \$28,000; Poe Mills, \$25,000; Carolina Mills, \$4,500; Piedmont Mfg. Co., \$24,000; Fork Shoals Mills, \$1,820; Pelzer Mills, \$50,000; Easley Mills, \$25,000; Victor Mills, \$20,000; Victor Mills (pfd), \$6,000; Glenwood Mills, \$12,000. Total, \$284,820.

Henderson, N. C. The Henderson Cotton Mill is proceeding with the erection of its \$200,000 addition, to hold 10,000 spindles and accompanying machinery. The company now operates 28,992 spindles, 216 looms, etc.

King's Mountain, N. C. Mr. Chas. E. Neisler, superintendent of several mills, had Schaeffibaum Grids installed in all these, and recommends them to all his friends.

Lincolnton, N. C. The Saxony Spinning Company will soon complete its plant under construction for some time. This company is capitalized at \$200,000, and will begin manufacturing with 5,760 spindles driven by steam power, provision being made in the building for a future increase to 10,000 spindles. Edgar Love is president, and James Lee Love is treasurer.

Lumberton, N. C. H. B. Jennings, L. H. Caldwell and others have incorporated as the Jennings Cotton Mill Company with a capital stock of \$500,000.

Marion, N. C. The Marion Manufacturing Co. will have its new plant in operation by February. Mr. H. F. Little, of Spartanburg, S. C., is the manager.

Mt. Airy, N. C. F. H. Chamberlain and R. W. Watson, of Mt. Airy, and Robert A. Love, of Gastonia, N. C., have incorporated with a capital stock

of \$100,000 the Surry Manufacturing Company.

North Wilkesboro, N. C. The Finwin Cotton Mill has been organized with a capital stock of \$200,000 by T. B. Finley, of North Wilkesboro; J. Locke Erwin, of Concord, N. C., and others.

River Falls, N. C. The River Falls Cotton Mills Co. plans to build a 10,000-spindle mill. J. W. Menefee, of Graham, N. C., is president.

Rockingham, N. C. Leak, Wall & McRae have added 3,000 spindles and 100 looms to their plant, making the total 10,000 spindles and 300 looms.

Roxboro, N. C. The Roxboro Cotton Mills will build a steam-power plant, and has awarded contract for a 100 horse-power engine direct connected to a 75 kilowatt generator. Contract for the electrical machinery was awarded to the General Electric Co. of Schenectady, N. Y.

Wadesboro, N. C. L. D. Robinson and T. L. Caudle, of Wadesboro, are interested in plans for the construction of a cotton factory.

Winston-Salem, N. C. The Chatham Mfg. Co. have doubled the production of their plant.

It is reported that the P. H. Hanes Knitting Company may any time let contracts for a 10,000-spindle mill to manufacture coarse knitting yarns for their own consumption.

The Board of Trade of this town is interested in forming a company with a capital stock of \$150,000 to build a cotton mill.

Central, S. C. The new structure for the Issaqueena Mills is about completed. The same will accommodate 12,000 spindles and 300 looms, thus about doubling their present output. Mr. C. J. Tarrant is the successful superintendent of the mill.

Dillon, S. C. The Maple Mills, and of which Mr. G. D. Barlow is the superintendent, are constructing a building which will hold looms for a 5,000-spindle addition to their present 17,000 spindles.

Edgefield, S. C. The Beaver Dam Mills, the successors of the Edgefield Mfg. Co., are installing a 5,000-spindle equipment of the popular Mason machinery make, thus doubling their capacity.

Great Falls, S. C. The Republic Cotton Mills will erect a main building 650 by 135 feet, with a two-story spinning room and a one-story weaving room, to be equipped with 25,600 spindles and 650 automatic looms, driven by 1,500 electric horse-power.

Greenville, S. C. At the Brandon Mills the installation of 25,000 spindles, 34 cards with drawing frames of the Mason Machine Works, are completed; additional shipments of 15,000 spindles and 16 cards are following.

The plant of the Monaghan Mills has been connected with the lines of the Southern Power Co.

(Continued on page xxv.)



SCHLATTER DYE

**FINE FABRICS
DEMAND
FINE DYES**

To secure a superior fabric in either silk and cotton or wool and cotton mixtures, it is necessary that the cotton used therein should be rich and bloomy in color and have the exact shade and caste as the silk or wool.

The Blacks and Colors dyed by The Karl Schlatter Dye Works have secured a world-wide reputation by reason of their uniformity, richness and perfect colorings. Our Blacks are fast to everything.

Colors we dye fast to rubbing and crocking or fast to fulling and scouring, or fast to cross-dyeing.

All cottons are given special treatment that will insure the best results for weaving or knitting purposes.

Karl Schlatter Dye Works, Inc.
Philadelphia, Pa.

SALESMAN

Experienced—well-known all over New England. Have been in former years Overseer in some of the most prominent mills in New England. Since the last 15 years engaged as Salesman handling either Yarns, Dyestuffs and Chemicals, Sizing-Compounds, Card Clothing, etc. References as to character and ability. Address "Massachusetts" (248) Posselt's Textile Journal.

SALESMAN WANTED

First-class, experienced man to sell Dyestuffs and Chemicals in the middle west for one of the largest houses in the country. Excellent chance for the right man. Address giving full particulars, experience, compensation expected, etc. "Dyestuffs" (243) care Posselt's Textile Journal.

DESIGNER WANTED

For prominent Massachusetts Fancy Woolen Mill. Must have experience. Correspondence confidential. Address "Cassimere" (245) care Posselt's Textile Journal.

SILK MILL FOR SALE.

Fully equipped silk mill, in operation, machinery and buildings all in first-class order. Capacity about 250,000 yards Taffeta and other goods. Close to New York. Splendid chance. Best reason for selling. French looms. Address: Silk Mill (240) care of Posselt's Textile Journal.

WOOLEN FINISHER

Practical Finisher, 26 years experience on all lines of Fancy Cassimeres, Broad-cloth, Kerseys, Beavers, Overcoatings, etc. 12 years as Overseer in three prominent mills. Willing to go West, although New England preferred. Address "Finisher" (246) care Posselt's Textile Journal.

MANAGER OR ASSISTANT MANAGER IN COTTON DYEHOUSE
Position as above wanted by graduate of English and German Universities, 34 years of age. Five years' experience in Chemical Works. Last six years Assistant Manager in large dyehouse of fancy weaving concern, Manchester, England. Dyeing of Cotton Yarn in all its branches. Leaving to obtain more independent position. Highest references from present employers. Address: A. B. (238) care of Posselt's Textile Journal.

BROAD DRESS GOOD LOOMS

If in good condition and sold at a fair price will buy six Broad Dress Good Looms. Wanted in Philadelphia, 16-harness capacity, the lowest. Address "Looms" (247) care Posselt's Textile Journal.

TEXTILE MACHINERY.

Department Manager or Salesman. German. Has developed well-known textile machinery department during the last few years. Address: "Textile Machinery" (244) care of Posselt's Textile Journal.

TO BOSS WEAVERS

We have the application of several competent Loom-fixers desirous of change. If in need of such men, address us with full particulars, and we will forward your wants to competent men. Address "Bureau of Help" care Posselt's Textile Journal.

WANTED: DESIGNER AND ASST. SUPERINTENDENT

Practical experienced young man as designer and assistant superintendent for worsteds. Good handler of help. German preferred. Address P. O. Box 1483, Providence, R. I.

Woonsocket Speeders Lead



Woonsocket Machine and Press Company

WOONSOCKET, R. I.

Builders of Cotton and Woolen Machinery

GRAN-CARB-SODA

THE HIGHEST GRADE OF
SODA CRYSTALS MADE

"The Best is Good Enough."

THE HOLBROOK MFG. CO.

470 Washington Street
NEW YORK

MILL SOAPS

Fast Colors for Cotton and Wool
Helindone Colors
Indigo M L B

H. A. METZ & CO.

New York, 122 Hudson Street

Boston, 140-142 Oliver St. Philadelphia, 104 Chestnut St.
Providence, 23 S. Main St. Chicago, 317 N. Clark St.
Charlotte, 210 S. Tryon St. Atlanta, 1418 Empire Bldg.
San Francisco, 580-582 Howard St. Montreal, 170 McGill St.

Laboratories: Newark, N. J.

SOLE AGENTS IN U. S. AND CANADA FOR
Farbwerke vorm. Meister, Lucius & Bruening

Boston.

Providence.

Philadelphia.

Chicago.

Charlotte.

Albany.

Toronto, Can.

FARBENFABRIKEN OF ELBERFELD CO.,

IMPORTERS OF ANILINE & ALIZARINE COLORS

P. O. Box 2162

NEW YORK

117 Hudson Street

New England Butt Co.

Providence, R. I.

Braiding Machinery, both American and German types, for making Dress Braids, Shoe and Corset Laces, Underwear, Trimmings, and all kinds of Round and Flat Braids.

MILL NEWS

(Continued from page xxii.)

Besides the mills around Greenville a number of the mills in the neighborhood of Greer are being driven by the electricity furnished by the same wires which take the current to the mills near Greenville. All along the route, from Greenville to the Great Falls, there is a chain of mills operating from the power which is furnished by the company's plants on the Catawba River.

Greenwood, S. C. The Greenwood Cotton Mills have ordered from the Mason Machine Works additional spinning and card room machinery.

F. S. Evans has completed arrangements to organize the cotton mill company referred to in a previous issue. He has purchased (at \$10,000) land for the site.

Greer, S. C. The mill building for the Greers Manufacturing Company is completed, and Superintendent Cobb has the machinery installed. The mill will begin turning out goods about February.

Jonesville, S. C. E. P. Kelly and others have organized the Palmetto Hosiery Company with a capital stock of \$75,000, to succeed the Jonesville Knitting Mills.

Lancaster, S. C. Construction has begun on a 50,000-spindle addition to the Lancaster Mills.

Lockhart, S. C. The Lockhart Mills will add 10,000 spindles to mill No. 2 and erect a brick addition 20 x 50 feet to mill No. 1.

Lowndesville, S. C. James J. Gossett and H. W. Kirby, well known cotton men of the Piedmont section, are financing a \$250,000 cotton mill, and propose to have it running before the end of the year.

Newberry, S. C. The Newberry Cotton Mills have installed Humidifiers for their new addition.

Albany, Ga. The Albany Cotton Mills are installing Humidifying in their mill.

Canton, Ga. The Canton Cotton Mills, after trial, ordered a complete installation of Schaefflibaum Grids with comb, ordering the same also for the new extension of their mills.

Columbus, Ga. The Swift Spinning Co. have completed installation of Schaefflibaum Grids with comb.

C. A. Sweat, head of the textile department of the Columbus Industrial School, has tendered his resignation. His successor will be appointed at the next regular meeting of the school board.

Douglasville, Ga. The Lois Mills is adding 10,000 spindles with cards and drawing; doubling the output of the mills. The first equipment was installed about a year ago.

Macon, Ga. The Southern Hosiery Mills will issue \$30,000 of bonds for improvements to the plant during 1910.

Marietta, Ga. It is rumored that the Marietta Knitting Company is planning a large increase in its equipment of machinery, in order to meet the increasing demand for the company's product. It is now manufacturing about 10,000 pairs of seamless half hose, dyed and finished at the mill.

Raccoon Mills, Ga. The Stewart-McCord Co. of Savannah, Ga., has purchased the Raccoon Mills, and will remodel it into a yarn mill.

Roswell, Ga. The Roswell Mfg. Co. had additional spinning machinery erected to replace old style frames.

Ilchester, Md. The Thistle Mills will resume operations about January 15 with 250 hands. New carding and spinning machinery has been installed. These, with other improvements, will cost more than \$50,000.

Emporia, Va. G. B. Wood and others have incorporated the Meherrin Cotton Mills Co., with a capital stock of \$100,000.

Martinsville, Va. The \$600,000 Martinsville Cotton Mill, of which Z. T. McKinney is president, has the machinery in position. The equipment includes 18,000 spindles, 446 looms, etc., for the production of fine sheeting.

Richmond, Va. B. A. Ruffin and others have incorporated the Brander Cotton Mills Corporation with a capital stock of \$60,000.

Cleveland, Tenn. The Weiss Hosiery Mill has organized with a capital stock of \$25,000, with C. H. Weiss president and P. B. Mayfield secretary-treasurer. It will erect a brick building 50 x 150 feet and will install 50 footers, 10 loopers, 1 sewing machine, dyeing equipment and steam power plant.

Erwin, Tenn. O. P. Heath & Co., of Charlotte, N. C., are negotiating for a water power. When the purchase has been completed the firm will make announcements detailing its plans for the construction and equipment of a cotton mill.

Nashville, Tenn. The Nashville Hosiery Mills, which was formerly known as the Nashville Hosiery and Yarn Mills, was granted a new charter. The new concern starts off with a capital of \$100,000.

Dothan, Ala. The Commercial Club has arranged for the formation of a company to establish a \$100,000 yarn and hosiery mill.

Jacksonville, Ala. Work has begun on the erection of a new cotton mill, the stockholders of which are Geo. P. Ide, Alfred H. Robbins and Hermann R. Rice.

Marble Falls, Tex. The Marble Falls Cotton Mill Company has been incorporated with a capital stock of \$300,000. J. A. Smith, of Charlotte, N. C., is the general manager. This company will install 400 looms for weaving ginghams, madras, etc., and will use electricity for power.

McKinney, Tex. J. Berry Burrus and others have organized the Lone Star Cotton Mill with a capital stock of \$200,000.

San Antonio, Tex. Gustav L. Herget, of Boston, has been lately spending several days in southwest Texas looking over the cotton industry. It is reported that he will go to Europe in March with credentials from the Department of Commerce and Labor, and while there will report to hundreds of spinners in Saxony on the opportunity that is awaiting them in that section of Texas. It is the opinion of Mr. Herget that many cotton factories of Saxony will come

to Texas to locate, if the communities where they are to locate will give them encouragement in the way of defraying the cost of removal and helping them to secure free sites for their plants.

McComb City, Miss. W. W. Glenn and associates of Gastonia, N. C., have come into possession of the McComb Mill at an expenditure of about \$200,000. It runs 10,000 spindles and 400 looms.

Natchez, Miss. It is rumored that the Natchez Cotton Mill managers are investigating with a view of installing machinery for the manufacture of print cloth.

Dayton, Ohio. The National Knitting Works, previously reported as having been incorporated, have secured part of a building in this city. New equipment is to be installed as soon as the building can be enlarged.

Piqua, Ohio. The Orr Felt & Blanket Co. have equipped their new worsted mill with 40 Crompton & Knowles looms; 2 Smith & Furbush cards; 2 Crompton & Knowles combs; 1 Friedrichs slub dyeing machine, followed with Butterworth back washer. The wool scouring and wet finishing machinery installed, is of the James Hunter Machine Co.'s make; the Curtis & Marble Machine Co. having furnished the dry finishing machinery required. The winding system installed is that of the Universal Winding Co., in connection with the McTaggart yarn inspecting system. The Lowell machine shop has furnished the spinning and twisting machinery.

Chicago, Ill. J. S. Wight and others have incorporated the Arctic Knitting Mills with a capital of \$20,000.

Sparta, Ill. Additional machinery has been installed in the Sparta branch of the Chester Knitting Mills.

Fort Wayne, Ind. The Old Fort Wayne Knitting Mills have started with a large force of operatives. Machinery from the Hinman Knitting Company's plant, Decatur, Ill., has been installed, the latter concern having been absorbed by the Old Fort Wayne Knitting Mills. New machinery will also be set up in the plant within a short time. Mr. Hinman, of the Decatur mills, will have temporary charge of the plant at Fort Wayne.

Indianapolis, Ind. The Seymour Woolen Factory Company is ejecting old and installing new looms, increasing their capacity to 68 looms.

Two Rivers, Wis. The Friedlander Knitting Company, of Milwaukee, will start a branch plant here, giving employment for 100 hands at a start; they expect eventually to erect their own plant and employ 400 men.

Frederick, Okla. The Frederick Cotton Mill Development Co. has been incorporated with a capital stock of \$35,000 by L. J. Holloman, W. H. Stinson and J. L. Lane.

Lawton, Okla. The E. L. Shuford Manufacturing Company has awarded contract for the erection of a \$100,000 mill building, 70 x 450 feet in size. This manufacturing company was recently incorporated with a capital stock of \$500,000 and is to install an initial equipment of 10,000 spindles, 340 looms, etc.