

# CHENEY SILKS

## Spun Silk Yarns for Manufacturers' Use Promptly Made to Order

Whatever your needs may be—yarns in the Gray or Dyed; on Spools or Cones; Warped or in the Hank; Organzines, Trams or Singles—we will quickly and accurately meet them.

### *Special Silks for Electrical and Insulation Purposes*

Knitting Silks, Silk and Velvet Ribbons, Wash and Underwear Ribbons, Cravats, Velvets, Plushes, Satins, Dress Silks, Foulards, "Shower-proof" Foulards, Lining Silks, Millinery Silks, Upholstery Goods, etc.

**CHENEY BROTHERS, *Silk Manufacturers*, South Manchester, Conn.**

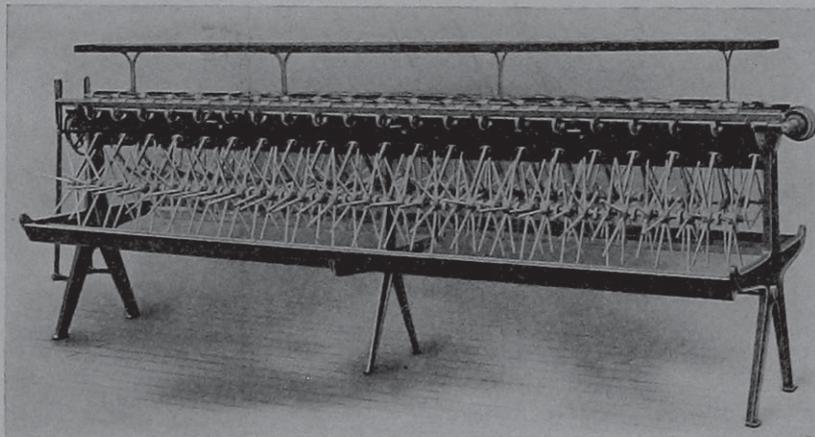
NEW YORK, 477 Broome Street  
CHICAGO, Heyworth Building

*Salesrooms:*

BOSTON, 79 Chauncy Street  
PHILADELPHIA, 929 Chestnut Street

SAN FRANCISCO, Chronicle Building

*Ask  
the Mills  
that  
use them*



*Write  
for  
Circulars*

**WE CALL YOUR ATTENTION to the following advantages of our WINDERS**

MATERIAL—THE BEST  
GEARS—CUT, NOT CAST  
CAM ROLLERS—TOOL STEEL, HARDENED  
SPINDLES—BEARING ½ INCH LONG

SWIFT BRACKETS—T SHAPE  
SWIFTS—HUB OR PIN FRICTION  
WORKMANSHIP—THE BEST  
SPEED—ONLY LIMITED BY SILK

**THE GREATEST PRODUCTION OF ANY MACHINE ON THE MARKET**

## The Sipp Electric and Machine Co.

**SIPP MILLS :: PATERSON, N. J.**

## BUYERS' INDEX—Continued

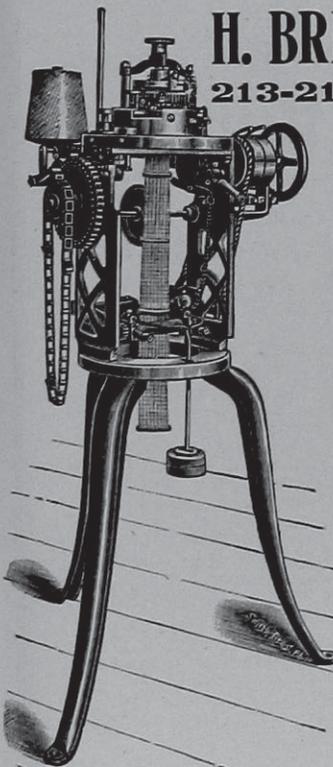
- Chemicals.**  
Berge, J. & H.  
Cassella Color Co.  
Chemische Aniline Works.  
Holbrook Mfg. Co., The.  
Klipstein, A. & Co.  
Metz, H. A. & Co.  
Scholler Bros. Co.
- Consulting Chemists.**  
Fernbach, R. Livingston.  
Maywald, Frederick J.
- Cop Tube and Cone Machinery.**  
Eppers, John, Machine Works.
- 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.  
Schaeffbaum, 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.  
Weber, F., & 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.
- 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.  
Klipstein, A. & Co.  
Metz, H. A. & Co.  
Scholler Bros. Co.
- Dynamos & Motors.**  
Slipp Electric & Machine Co.
- Electrical Warp Stop Motion.**  
Mossberg Wrench Co.
- Engineers.**  
Fernbach, R. Livingston.  
Helick, Dr. Chauncey G.
- Engravers.**  
Commercial Photo-Engraving Co.
- Filters**  
Hungerford & Terry.
- Finishers.**  
Firth & Foster Co.  
Schwarzwaelder Co., The.
- Flyers, Caps and Tubes.**  
Calder Machine Works.
- Fulling Mills.**  
Hunter, James, Machine Co.
- Grids for Lappers.**  
Schaeffbaum, Rob., Co., The.
- Harness Builders.**  
Crompton & Knowles Loom Works  
Halton's, Thomas, Sons.  
Lentz, F. G. & 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.  
Slipp Electric & Machine Co.
- Mercerizing Machinery.**  
Buhlmann, A. W.  
Klauder-Weldon Dyeing Machine Co.
- Mill Supplies.**  
Bond, Chas., Co.  
Fagan Brothers.
- Mohair.**  
Littauer, Ludwig.
- 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.  
Slipp 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.  
Slipp 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.  
Slipp Electric & Machine Co.  
Suter, A.
- Silk Yarns.**  
Cheney Bros.  
Littauer, Ludwig.  
Ryle, William, & Co.  
Sauquoit Silk Mfg. 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.  
Welmar 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.
- 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.  
Slipp 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.  
Speed & Stephenson.  
Woonsocket Machine & Press Co.
- Woolen Yarns.**  
Littauer, Ludwig.
- Wool Washing Machinery.**  
Hunter, James, Machine Co.
- Yarn Testing Machinery.**  
Buhlmann, A. W.  
Knapp, Chas. H.  
Slipp 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  
**YARNS** | Thrown Silk | **YARNS**  
 Artificial, Shappe and Spun Silk  
 Domestic and Imported, Plain  
 Gassed, Mercerized and Polished Cotton  
 Polished and Glazed Threads  
 Mohair and Worsted  
 Tinsel  
 Turkey Red  
**109 GREENE ST., NEW YORK**  
 Best Quality Harness Twine

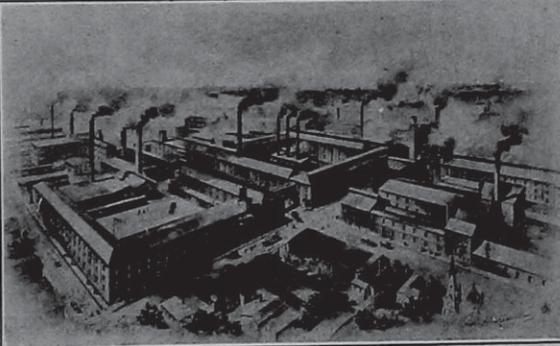
Alex. D. Stelle, President      Walter H. Rossmässler, Treasurer  
**Sauquoit Silk Mfg. Company**  
 MANUFACTURERS OF  
ORGANZINE, TRAM, TWIST  
FRINGE AND HOSIERY SILKS  
 Fast Dye Organzines for Woolen Manufacturers a Specialty  
**Mills:** BETHLEHEM, PA.  
 PHILADELPHIA, PA.  
 SCRANTON, PA.  
 New York Representatives: WILLIAM RYLE & CO., 54 Howard Street  
 PHILA. OFFICE: 4015 Clarissa St. (18th St. & Hunting Park Av., Nicetown)  
 CHICAGO OFFICE: 188 Market St. BOSTON OFFICE: 78 Chauncy St.  
**Silks For Insulating Purposes**

**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

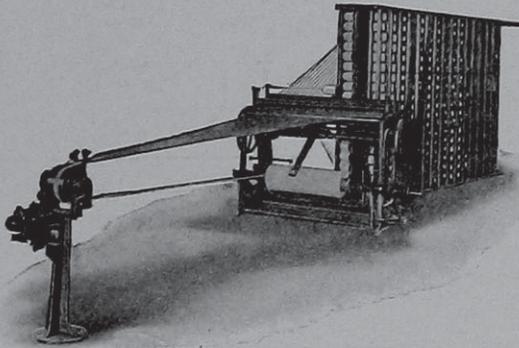
**Globe Machine and Foundry Co.**

(Incorporated)

Frankford, Philadelphia, Pa.

Builders of the

**Denn Warping Machinery**



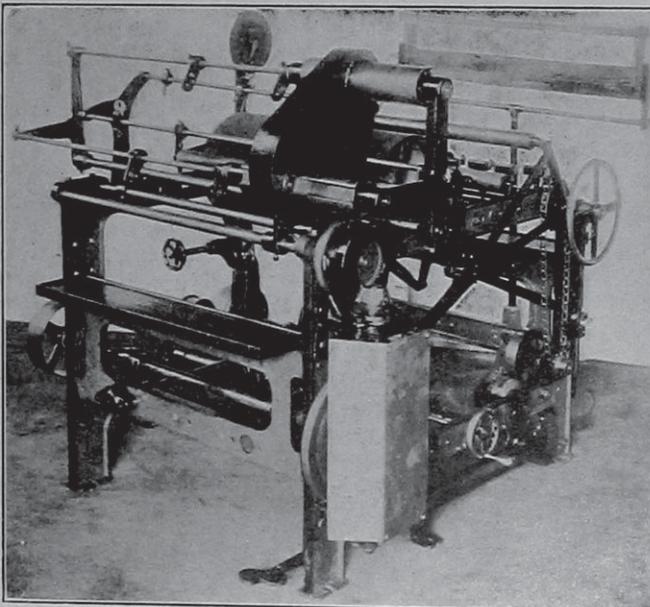
**Our New Design Ball Warper**

(Patented and Patents Pending)

Spindle Driven  
No Slipage  
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%**

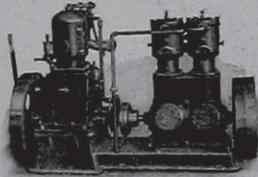
By using our **AUTOMATIC ATTACHMENT** for any make of **CIRCULAR RIB KNITTING MACHINES**

**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

The Best Textile Mills Use Compressed Air for Cleaning. Nothing Better or Simpler. But You Ought to Have a Good Compressor. The Gardner Air .. Compressor ..

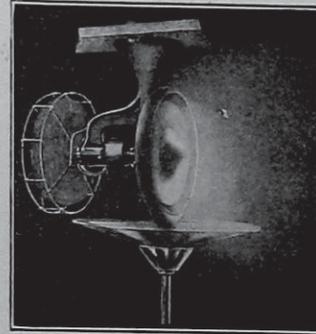


is the latest and best. Nothing ever put out so simple, so durable or so efficient. It's worthy of your investigation. Let us tell you about them. :

A G-R Compressor and Gasoline Engine direct connected. A nice unit.

**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 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.*

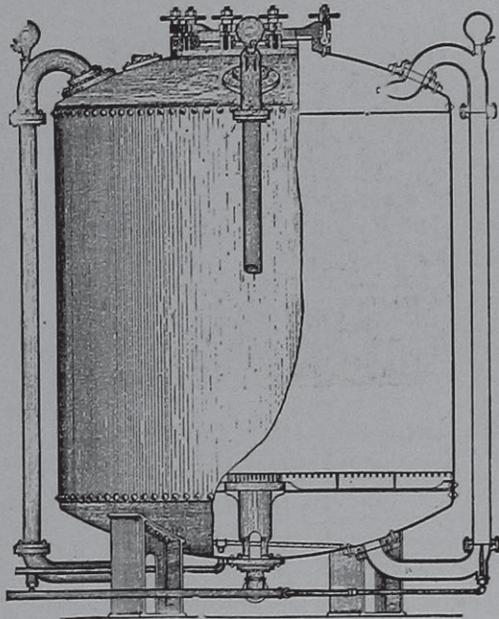
**THE CHEMICO-LEGAL BUREAU**

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

**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."  
Possett's Textile Journal, Philadelphia

(Continued from Page 87.)

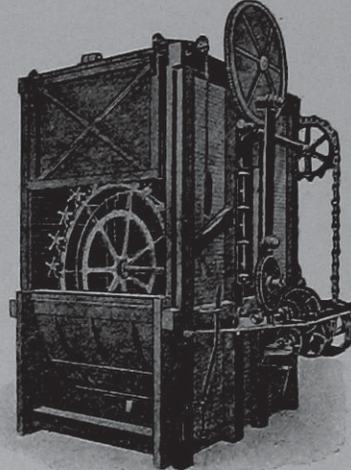
treated with a solution of calcium chloride, should give a white precipitate.

**BARIUM CHLORIDE:** A white crystalline compound which when dissolved in distilled water should give a clear solution. If it does not, filter and determine the amount of precipitate in the same manner as insoluble matter. Barium chloride solution, on being treated with a solution containing sulphuric acid or a soluble sulphate, gives a white precipitate of barium sulphate. Ordinary tap water contains small amounts of soluble sulphates; this can be shown by adding to a solution of barium chloride, water taken from the spigot, the clear solution then becoming cloudy. The amount of water in barium chloride should not exceed 15 per cent.

**BICHROMATE OF POTASH:** A deep red crystalline

**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.

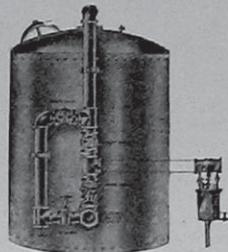
Will handle fine tram or skein singles without any damage to the fibers.

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.

**FILTERS and WATER SOFTENERS**



Hungerford Filters having a daily aggregate capacity of over thirty million gallons per day are now in operation in the textile mills of America

Estimates and plans for proposed installations submitted without cost

**HUNGERFORD & TERRY, Inc.**  
PENNA. BLDG., PHILADELPHIA, PA.

**\$2.00 WILL INSURE YOU**

Being posted regarding new processes and machinery, all the trade news, all the new styles and all the ever changing movements of the textile industry by Reading regularly

**POSSELT'S TEXTILE JOURNAL**

**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

compound, soluble in water, giving a clear red solution. If the bichromate is pure, there should be no precipitate when a solution of barium chloride is added to a solution of it, to which hydrochloric acid was added. If a precipitate is obtained, it indicates the presence of potassium sulphate. The amount of potassium sulphate may be calculated from the amount of barium sulphate, obtained by use of the following formula:

$$174 : 233 :: x : y$$

$y$  = the amount of barium sulphate found,  $x$  = the amount of potassium sulphate present.

**BORAX:** A white crystalline compound. It frequently is put upon the market in a powder form. A portion of the powder, when treated with dilute hydrochloric acid should not give off bubbles of gas. Borax should dissolve in water to a clear, colorless solution. If it does not, the insoluble matter should be determined. A solution of borax in distilled water should not give any precipitate when treated with silver nitrate or barium chloride. This shows the absence of soluble chlorides and sulphates. When testing for sulphates with barium chloride, a few drops of hydrochloric acid must be added before adding the barium chloride. When testing for chlorides with silver nitrate, a few drops of nitric acid must be added before the silver nitrate is added. If a very slight precipitate is obtained, the borax is all right. If a large amount of precipitate, with the above mentioned reagents, is found, the borax is adulterated.

*(To be continued)*

The Mason Machine Works has sold the Glencoe Cotton Mills a full equipment of 5,000 spindles for making high grade twine. This equipment is to be delivered the middle of the summer, with a view to beginning operations in the early fall.

Governor Pothier, of Rhode Island, in speaking of the possibilities of Woonsocket, his home town, and where he is interested in three mills, predicts that within a year, one-third of the French spinning of the country will be cared for in Woonsocket.

**SILKS**

handled  
by our



Process

*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)

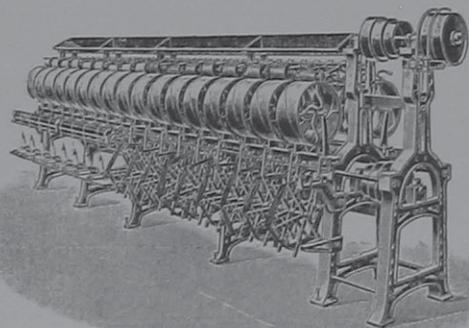
— *Importer of* —

**TEXTILE MACHINERY**

*Specialty:*

Installation of FINISHING PLANTS  
for Cotton, Woolen, Worsted, Plush, Vel-  
vet, Corduroy and Silk Fabrics : : :

**MERCERIZING INSTALLATIONS**

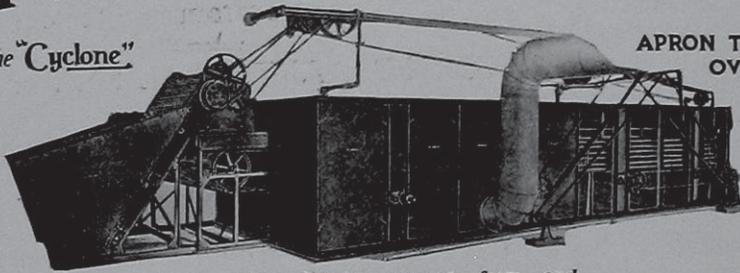


*Slit Drum Winding Machine*

# 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 BURREING, 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.

## 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

## 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

## SPEED & STEPHENSON

170 Summer Street, BOSTON, MASS.

IMPORTERS OF

### Woolen and Worsted Machinery

SOLE AGENTS FOR

### JOHN HETHERINGTON & SONS, LTD.

Woolen & Worsted Machinery

including the Duplex Woolen Cards, with  
Joseph's Tape Condensers which give a  
greater production and better work than  
with Condensers of other make.

### JOHN DAWSON, LTD.

Wool Washers, Carbonizing and Neutralizing  
Machines

ESTABLISHED 1885

John Eppers Machine Works, 629 Filbert St., Phila., Pa.

Manufacturers of

### Latest Improved Cop Tube and Cone Machinery

of all kinds and

Upright Knitting Machinery for Millinery

DRESS AND UPHOLSTERY TRIMMINGS



# 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**

## MILL NEWS

*Philadelphia.* Joseph M. Adams Co. is installing new offices at their worsted yarn mill at Main and Dupont streets, Manayunk. They formerly made a specialty of wool and carpet yarns, but are now making Bradford spun worsted yarns up to 36s.

*Philadelphia.* The Valkone Dyeing and Finishing Works are running overtime and it is reported will add several presses and shears to their present equipment.

*Philadelphia.* The Shackamaxon Worsted Mills, which recently installed about 36 new looms, are running on full time.

*Philadelphia.* The Devonshire Woolen Mills, operated by S. W. Goldsmith, are installing eight additional broad looms.

*Philadelphia.* The William Kimmerling Manufacturing Co. have been admitted to membership in the American Association of Woolen and Worsted Manufacturers.

*Philadelphia.* Penn Worsted Mills have added a new comb and 14,000 additional spindles.

*Philadelphia.* S. Rosenau & Co., manufacturers of trimmings, etc., report business very good and that they are working overtime and expect this to continue.

*Philadelphia.* Hardwick & Magee, manufacturers of carpets and rugs, will erect three floors, 165 by 50 feet in size, over their present dyehouse.

*Philadelphia.* It is reported that Charles Porter & Sons, manufacturers of cotton and woolen men's wear, intend to spend \$50,000 in the installation of broad looms.

*Philadelphia.* The Bolton Spinning Co., Howard and Berks Streets, contemplate replacing their woolen picker with one suitable for cotton.

*Allentown, Pa.* The Fairview Silk Co., has been incorporated with a capital of \$10,000.

*Brookville, Pa.* The Heidrick Woolen Mills, after being closed for 5 years, have started making samples, with the object of resuming operations.

*Chester, Pa.* The Lincoln Manufacturing Co. is adding to the equipment of its mills, sixteen combers.

*Reading, Pa.* The Reading Cotton Mills, Ninth and Laurel streets, which were recently purchased by Joseph Bancroft's Sons & Co., of Wilmington, Del., have resumed operation and will give employment to about 300 hands. Additional machinery will also be installed.

*Scranton, Pa.* It is reported that the Cambria Silk Co., owned by Valentine Bliss, will become the property of a company headed by Charles E. Henwood, foreman at the mill, and Dan Powell, of Dunmore.

*Sharpsburg, Pa.* The Diamond Felt and Manufacturing Co., has been incorporated by J. B. D'Homergue and others, with a capital stock of \$30,000.

*Weatherly, Pa.* The silk mill of the Okono Mfg Co., which was built and operated by a local company headed by J. C. Loose, Pres., and R. O. Sendel, Treas., is reported sold to a syndicate from Paterson. The new company, it is rumored, will build an addition to the plant 60 by 100 feet.

*Atlantic City, N. J.* Richard H. Robertson and others have incorporated the Harbor Mills Co., to manufacture products from fibers of cotton, silk, wool, etc. Capital stock, \$100,000.

## FROM OUR PATERSON CORRESPONDENT

The new Hall Mill, corner of Summer and Harrison sts., built by I. A. Hall of this city, having an area of about 60,000 sq. feet, while only finished since the first of February, has been rented entirely by firms making silk fabrics.

The first two floors will be occupied by the John Hollbach Co., who have ordered fifty new broad silk looms which will give them a plant of about 300 looms making a high grade of broad silks. Mr. John Hollbach is head of the concern.

The third floor on Summer st., is occupied by the Passaic Silk Co., manufacturers of broad silks. B. Bornstein and A. B. Hopper are at the head of the concern. They formerly were located at 57 Keene st., this city.

The third floor on the Harrison st. side is occupied by the Haines Broad Silk Co., who have moved from Baltimore, Md.

The fourth floor on Harrison st., is occupied by the Diamond Silk Co., manufacturers of broad silks. B. Amili is president of the firm. They have bought 35 new Crompton & Knowles broad silk looms and will have a total of 85 looms when these are installed.

The fourth floor on Summer st. is occupied by the Knickerbocker Silk Co. manufacturers of silk ribbons. They are a new concern and have ordered 30 new Crompton & Knowles ribbon looms of the latest type. Edward Finkelstone is president and Amil Friedman, secretary of the concern.

The Holzman Silk Mfg. Co., manufacturers of silk ribbons in the Congdon Mill on Van Houten st., have ordered 25 new Crompton & Knowles high speed looms, some of which are the finest example of the loom builder's art, being provided to weave as many as 100 spaces of the narrow ware ribbons to one loom.

(Paterson correspondence continued on page xviii)

## 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, Orchil; 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



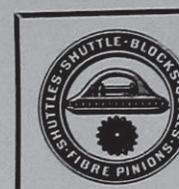
**Commercial Photo Engraving Co.**  
 N.W. Cor., 10<sup>th</sup> & Arch Sts.  
 Philadelphia.  
 PHONE CONNECTIONS

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.

# "BRETON" OILS FOR WOOL

Adapted for All Kinds of Wool Batching

Made in various grades to meet different textile requirements. Tell us about the goods you make and we'll tell you the right "Breton" brand to use.

*Sold subject to trial and approval*

**BORNE, SCRYMSER COMPANY**

80 South Street, New York

BOSTON

FALL RIVER

PHILADELPHIA



FROM OUR PATERSON CORRESPONDENT

*(Continued from page XVI)*

F. J. Day & Co., in the Atherton Mill, have ordered a number of high speed ribbon looms from the Crompton & Knowles Loom Works.

The Sterling Silk Manufacturing Co., in the Hamil Mill, on Mill st., who manufacture silk ribbons, are looking for new quarters. They have decided to locate in a more up-to-date mill affording greater floor space.

I. A. Hall and Co., the prominent mill supply house of the silk industry with a branch at Allentown, Pa., are sending out letters announcing their fiftieth anniversary.

The Henry Doherty Co., manufacturers of broad silks are building one of the largest silk mills in the country at Lake View, Paterson, N. J.

The building will be up to date in every respect and thoroughly equipped with the latest machinery for the manufacture of broad silk fabrics.

It is a four-story brick structure 250 by 50 feet, with basement for the throwing machinery.

The contract for the masonry work was given to Steel & Hopper, the carpenter work to the P. S. Van Kirk Co. and the pipe fitting and steam heating system to August Mowell, all of Paterson.

Ridgeway generators and dynamos will generate the electric light with a 150 H. P. Corliss engine for the power.

The Henry Doherty Co. operate three different plants at present, and will move into their new mill when the same is finished.

*Paterson, N. J.* The Riegelsville Silk Co. has been incorporated with a capital of \$50,000 by Samuel and Catherine Aitken and John Findlay.

*Paterson, N. J.* Samuel and Simon Barker and Harry Kaplan have incorporated the Barker Silk Co., located at 24 Mill Street, with a capital stock of \$10,000.

*Paterson, N. J.* Morris Weberman, Joseph Bogen and Boris Neifeld have incorporated the Eagle Silk Mfg. Co., located in the Gordon Mill, Mill Street, with a capital of \$10,000.

*Paterson, N. J.* The Frank Frost Inc., capital \$5,000, has been incorporated by Frank Frost, Harvey Studdiford and Allan Francis Crane. They are to manufacture silk and other textile fabrics.

*Paterson, N. J.* The Baker Silk Co., has been incorporated with a capital stock of \$10,000 by Samuel Baker and others; they will manufacture silk and other textile fabrics.

*Paterson, N. J.* Cosgrove & Sons Silk Co., 191 Liberty street, have incorporated with a capital stock of \$25,000.

*Passaic, N. J.* Samuel Weinberger, Philip Richmond and Philip Herman have incorporated the New Jersey Worsted Co., with a capital of \$25,000.

*Bridgeton, N. J.* The addition to the plant of the Martin Dyeing and Finishing Co. has been completed, and will be used for mercerizing, dyeing and finishing cottons and worsted piece goods only. The concern is installing machinery for this purpose, which is expected to be in operation in the near future.

*New York.* The Kursheedt Manufacturing Co., manufacturers of dress trimmings, have moved their general offices to 143-149 West Nineteenth street.

*Stottville, N. Y.* The Stott Woolen Co.'s mills will hereafter be known as the Atlantic Mills. The mills were established by Jonathan Stott, in 1828.

*New York.* The Progressive Shrinking Co. has been incorporated with a capital stock of \$5,000, by Joseph H. Moses, 19 East Ninety-eighth street and others, who will engage in shrinking cotton and other fabrics.

*New York.* George T. Renke, Jerome avenue and 167th street, and others have incorporated the Renke Swiss Lace Works with a capital stock of \$15,000. No definite plans have been formed.

*New Hartford, N. Y.* The New Hartford Cotton Mfg. Co., manufacturers of cotton gauzes and bandages, has increased its capital stock by \$50,000 and will build a bleachery and finishing plant.

*Yonkers, N. Y.* The Alexander Smith & Sons' Carpet Co. will soon start work on a large new brick factory on Nepperhan Avenue.

MANUFACTURERS

OF

ANTHRACINE



COAL TAR  
PRODUCTS

ANILINES

FROM OUR NEW ENGLAND  
CORRESPONDENTS.

*Boston.* F. C. Ranson, representing George Whitaker & Co., of Bradford, England, wool dealers, has moved to 184 Summer Street.

*Boston.* The Empress Curtain Mills Co., capital \$10,000, has been incorporated by James F. Cowan, Arthur E. Santry, (Lynn, Mass., Treas.) and Ralph M. Clark.

*Cambridge, Mass.* A large lot of land on Tudor and Emily streets has been bought by W. C. Thairllwall & Co., silk manufacturers, who will proceed at once to erect a one-story factory, about 80 by 190 feet in dimensions. This firm has for several years been occupying leased quarters. The company expects to have its new plant in running order by next June.

*Chicopee Falls, Mass.* The contract for building the weave shed of the Chicopee Manufacturing Co., has been given out. The length of the shed will be 252 feet and the width 140. The shed will be built of reinforced concrete, and work on its construction begun in the early spring.

*Clinton, Mass.* The weaving in the Brodfelt Worsted Co.'s mill on North Main Street are reported working nights until 9 o'clock, there being a large rush order which will make the night work necessary for some time.

*Fall River, Mass.* The Stafford Mill, manufacturers of print cloths, will erect an addition to the No. 2 mill, which will provide sufficient accommodation for the installation of 15,000 spindles, a

portion of which will be placed in commission right away.

*Franklin, Mass.* The new plant of the Franklin Felt Co. has started operations, giving employment to 100 hands. It is predicted that a ready market awaits the product.

*Holyoke, Mass.* The name of the William Skinner Mfg. Co. has been changed to William Skinner & Sons, and the business has been changed to a co-partnership from a corporation.

*Lawrence, Mass.* The Wood Worsted Mills are nearing completion and have a number of looms running. The installation is being pushed as rapidly as they are received from the builders and it is presumed that the entire plant will be running in a short time. Mr. Bookman is the Agent, Mr. John Brudder, Designer and Mr. Benjamin Duce, Boss Weaver.

*Lawrence, Mass.* The site of the new mill, to be built by the Pacific Mills Co., is bounded by Hampshire, Canal, Franklin and Methuen streets on the north canal and only a few hundred feet back from Essex street. The details of the proposed new structure will be made public later. It will be built of brick on a foundation of reinforced concrete which has already been started. It will be devoted to the manufacturing of worsted goods.

*Lowell, Mass.* The stockholders of the Massachusetts Cotton Mills, at their annual meeting in Boston, February 14, voted in favor of an increase of \$1,200,000 in its capital. The company will erect as soon as possible three

buildings: First, an extension of its carding mill, 125 by 95 feet, five stories high, ending on the new Concord river line. Second, a spinning and weaving mill on Merrimack Square, 310 by 90 feet, also five stories, from Canal street across the canal and down to Concord river. Third, on land to be reclaimed from Merrimack river, a boiler house 285 by 50 feet, with chimney 250 feet high. William S. Southworth, whose success has led to the extensive additions to the plant, has been connected with the company over twenty-five years, twenty years of which he has been the agent.

*Lowell, Mass.* The Hamilton Manufacturing Co., the Boot Mills, the Lawrence Manufacturing Co. and the Massachusetts Co. have combined their efforts at economy by organizing a new company to be called the Merrimack Utilization Company, and have leased a plant at Warrentonville, a suburb of this city. All waste of whatever sort at these mills will be handled by the new company.

*Lowell, Mass.* The plant of the Middlesex Co., it is reported, is running day and night.

*New Bedford, Mass.* F. S. Wilcox, the promoter of the new million dollar mill at the north end of the city, mentioned that enough stock has been already subscribed to insure success, and that construction on the new mill building will be begun shortly. John Neild, at present superintendent of the Grinnell mill, will act as general superintendent and agent of the new mill. Joseph H. Allen, head bookkeeper at the Taber Mill, will be

## FAGAN BROS.

2920 Frankford Ave. -- Philadelphia

*Belting, Pulleys and Hangers*  
*Shaw Compression Flange Couplings*

*American Steel Pulleys*

*Gilbert Wood Pulleys*

Agents for

"Republic Brand" Pure Oak-Tanned Leather Belting

## SHAFTING, HANGERS, PULLEYS and TEXTILE MILL SUPPLIES



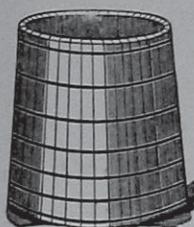
BOND  
PATENT  
LUG  
STRAP

Manufacturers of

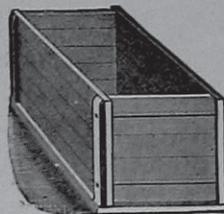
OAK LEATHER BELTING

CHARLES BOND COMPANY, 520 Arch St.  
Philadelphia, Pa.

## G. WOOLFORD WOOD TANK MFG. CO.



TANKS  
VATS  
AND  
DYE  
TUBS



FOR ALL PURPOSES

1429 Chestnut St.

Philadelphia

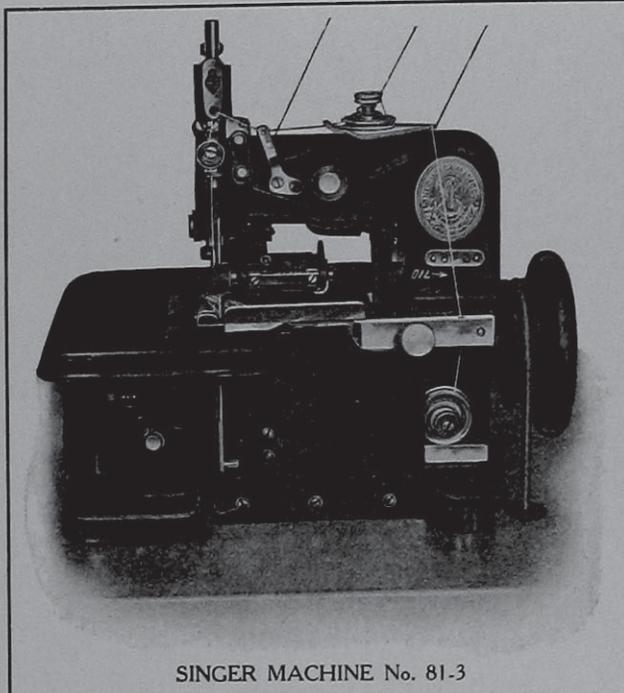
## Calder Machine Works

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 <sup>A</sup>ND <sup>B</sup>est <sup>F</sup>OR <sup>T</sup>rimming 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

ected treasurer of the new organization. Rufus A. Soule, director and president in several other local mills, is slated for the presidency of the new corporation. The mill will have 60,000 spindles and about 1,750 looms.

*New Bedford, Mass.* It is reported that Arthur R. Sharp, formerly general sales manager of the New England Cotton Yarn Co., who recently resigned, and Robert Schofield, who recently resigned as superintendent of the Rotch mill of the same corporation, are interested in the erection of a big cotton yarn mill in this city.

*New Bedford, Mass.* The new Holmes Mill, the first of New Bedford's series of new cotton mills to begin actual operations, has started. A feature which is attracting much favorable comment is its mercerizing department. Charles W. Praray is superintendent of the mill; its overseers are Benjamin W. Kenyon, carding; Walter F. Potter, spinning; Walter Rigby, finishing; Alvin Lynburg, master mechanic, and Andrew Gillespie, mercerizing.

*New Bedford, Mass.* A corporation organized by the same promoters as the New Bedford Cotton Mill, with Abbott P. Smith at its head, it is reported, will erect a new mill, said to be even larger than the New Bedford Cotton Mill.

*Pittsfield, Mass.* The S. N. & C. Russell Mfg Co. has broken ground for an addition to its weave room, to accommodate ten new looms.

*Taunton, Mass.* The Taunton River Mill, on Wales Street, has installed a number of new looms.

*Taunton, Mass.* The plant of the

Taunton Dye Works and Bleachery Co., on Washington street, is being operated day and night.

*Uxbridge, Mass.* After standing idle for three years the Rivulet Mill property will be operated by the Millbury Mills. For the present only the carding and spinning rooms will be operated for the purpose of commission yarn spinning.

*Wakefield, Mass.* The Harvard Knitting Mills Co. is extending its plant, and is bleaching its own yarns, it is rumored, by a new chemical process.

*Westboro, Mass.* An equipment of looms is being installed by the Westboro Weaving Company, which will enable the company to double its output.

*Worcester, Mass.* The Kent Woolen Mills, Burnett and Ludlow streets, Jamesville, has been leased by Robert S. Wallace for a period of five years. Mr. Wallace will continue in the wool

manufacturing business under the name of Wallace Woolen Mills.

*Worcester, Mass.* The Union Shoddy Mills, have been incorporated with a capital stock of \$2,000, by Chester E. Hendrick and others.

*Allendale, R. I.* The Allendale Worsted Mills have completed their new building and operations will be commenced in a short time.

*Central Falls, R. I.* The Regina Lace Corporation has taken possession of the Royal Weaving Co's. plant and will install forty lace making machines, imported from France which are expected to arrive by the latter part of April.

*Esmond, R. I.* The Esmond Mill, manufacturers of blankets, has increased its capital stock by issuing \$100,000 common stock and \$650,000 preferred. New machinery is planned, with the intentions to increase the output to 1,300,000 blankets yearly.

## F. WEBER & Co.

ST. LOUIS 1125 CHESTNUT ST., PHILADELPHIA BALTIMORE

Artists' and Designers' Materials

DESIGNERS' MOIST, DRY AND DISTEMPER COLORS. Finest Qualities of Designers' Brushes, Designers' Paper, Drawing Tables and Boards.

"FABRIANO" HAND-MADE DRAWING PAPER. Quality unsurpassed by any other hand-made papers on the market.

WORKS ON ART. For Textile Workers, Upholsterers, Architects, Sculptors, Engravers, Metal Workers and Designers of all branches.

TAPESTRY PAINTING AND STENCIL MATERIALS. The latest publications constantly received. CARPET CRAYONS, for spotting out. Made in 72 shades.

General Catalogue of Artists' Materials, Vol. 325, sent on request.



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. CREFIELD 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 quills 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, Draming Scales. Thread Controllers.  
Metreing or yarding reels. Automatic Strength and Elasticity  
Measurers for single threads, skein  
and woven fabrics.  
Conditioning Ovens. Spindle Speed Measurers.  
Twist Measurers with magnifying glass and take-up indicator. 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

*Greystone, R. I.* Joseph Benn & Sons, Inc., have adopted a night and day schedule.

*Harrisville, R. I.* The plant of Wallach, Hoexter & Co., of the Royal Worsted Mills, has been taken over by the United States Worsted Co. giving them fifty additional looms, which will enable them to take care of their heavyweight business.

*Pawtucket, R. I.* The Jenckes Spinning Co., has leased the Arcadia Mills, in Hope Valley, and will run them night and day in the manufacture of yarns.

*Pawtucket, R. I.* D. Goff & Sons, manufacturers of braids and mohair serges, have voted to increase the common stock by \$400,000.

*Providence, R. I.* The Weybosset Mills have sufficient orders to keep looms that can run on woolens busy during the season.

*Woonsocket, R. I.* The Nyawza Co., recently incorporated with a capital of \$500,000, has plans under consideration for a plant comprising 25,000 spindles, on a site here near Cold Spring Pond. The incorporators of the company are: John W. Farwell, Cohasset, Mass.; Nathaniel S. Ayer, Boston, Mass.; Charles L. Harding, Dedham, Mass., and Ervin S. Dunn, Woonsocket.

*Bridgeport, Conn.* The American branch plant of E. & A. Henkels, manufacturers of lace, is running on a day and night schedule. Their main plant is at Barmen, Prussia.

*Norwich, Conn.* The J. B. Martin Co., manufacturers of Silk Velvets, has its two large additions, which will cost about \$40,000, nearly completed. The weave shed is practically done, and the work of setting up the looms is in progress.

*Norwich, Conn.* L. J. Saxton, who has secured control of the Clinton Mills Co., which has been shut down for more than a year, will reopen the same.

*Norwich, Conn.* The plant of the Clinton Mills Company has been sold to L. J. Henry L. and Charles A. Saxton, who, it is mentioned, will form a corporation to be known as the Saxton Woolen Company.

*Rockville, Conn.* The large new dye-house at the Springville mill, of the Hockanum Mills Co., for the use of the lower mills in the combine is nearing completion. The building is 194 by 175 feet in size, with a monitor top, to give good lighting and ventilation.

*Taftville, Conn.* The Ponemah Mills Co. have installed new combing machines.

*Willimantic, Conn.* The new bleach house of the American Thread Co., and to which we referred in the February issue, is to be a three-story brick structure.

*Winnipauk, Conn.* The Norwalk Woolen Mills, manufacturers of black woolen goods for overcoats, etc., is replacing its old looms with new ones suitable for the production of fancy woolens of light shades.

*Winnipauk, Conn.* The Norwalk Mills Co., of which Thos. J. West is the Mgr., is adding nineteen looms.

*Camden, Me.* S. G. Hall, of Athol, Mass., with others, has leased the mill of the Mt. Battie Manufacturing Co., which has been idle for three or four years. The equipment consists of five sets of cards and forty looms.

*Kennebunk, Me.* The new Goodall Mill is in operation, although a full crew cannot yet be worked to advantage. There is a capacity for 250 looms, many of which are running. This number of looms now makes over 3,000 that the Goodalls have in operation.

*Limerick, Me.* The Limerick Mills are running night and day with about four months' orders ahead. A number of new spinning frames are being installed, also twisting and winding machines.

*Sanford, Me.* The Goodall Worsted Co., are erecting an addition to their plant.

FROM OUR SOUTHERN CORRESPONDENTS

*Belmont, N. C.* The Majestic Manufacturing Co. has installed 5,000 new spindles, for spinning fine yarns on both Sea Island and Egyptian up to 100s.

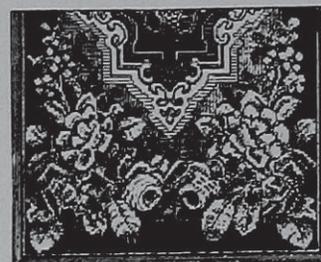
*Charlotte, N. C.* The Meckenburg Manufacturing Co. has completed its new addition and will install 2,000 new spindles and 50 looms.

*Flat Rock, N. C.* The Skyland Hosiery Co. will expend \$15,000 to rebuild its finishing plant building, burned in December. It is reported that it will also double the capacity of its knitting department.

(Continued on page xxv.)

New Designs for Rugs.

We herewith reproduce three new Rug Designs, just patented by A. Petzold, of this city.



## TEXTILE WORKERS BUREAU

The object of this department is to place manufacturers in touch with competent superintendents, designers, overseers, etc., when in need of the same and to put the latter in touch with the most desirable openings in the textile field.

*This service is free to subscribers.*

This department is under the supervision of Mr. H. Nelson Craig, known to a majority of manufacturers and overseers, and all matters will have his immediate attention.

### INQUIRIES FOR HELP

Overseer of Drawing Room wanted for a Philadelphia mill, must be a first class man and come well recommended.

Boss Bleacher desired by a Pennsylvania mill, one experienced on turkish towels or similar products preferred. Excellent opportunity for the right man. Give particulars.

Boss Dyer for a carpet mill in Canada, one who can do matching on Brussels and Wilton yarns. This is a good position for a man who is competent. State experience.

Boss Weaver for a Connecticut woolen mill, must be a good manager of help, and for a man who can make good, sure advancement is guaranteed.

Second hand for a Western woolen mill. This will prove a good opportunity for a bright fixer and one that will eventually lead to something better.

### SITUATION WANTED INQUIRIES

Designer, 30 years of age, extensive experience on Woolen and Worsted men's wear, is open for a position. D. W. 25.

Designer or Superintendent, 41 years of age, experienced on worsteds and woolens, seeks opportunity. D. W. 26.

Designer or Asst. Supt., 33 years of age, experienced on worsteds, cotton worsteds, resist dyes and fancy mix fabrics, is open for a situation. D. C. 27.

Designer, 30 years of age, has had 4 years' experience on woolens and 2 years on worsteds. Can furnish best of references. D. W. 28.

Boss Weaver or Asst. Designer, 30 years of age, has had considerable experience on worsteds and can furnish references. B. W. 29.

Designer for Cotton mill, is at the present time employed, desires to make a change. Experienced on colored dress goods and ginghams. Would consider \$1200 per year. D. 30.

Designer with five years' experience on fancy men's wear and piece dyes, is open for a proposition. D. 31.

Overseer of Weaving, 35 years of age, experienced on men's wear and fancy woolen and worsted ladies' dress goods desires to make a change. B. W. 32.

Manager or Asst. in a dyehouse, 34 years of age, has had experience on cotton goods and yarn. D. 33.

Overseer of Weaving seeks position, prefers West or South. B. W. 34.

Overseer of winding, warping and twisting. Live, energetic young man, experienced in soft silk yarns, can furnish unquestionable references. O. W. 35.

Overseer of Spinning, graduate of the Georgia School of Tech., a young man, seeks position. Can furnish references. O. S. 36.

## ABOUT MEN YOU KNOW

The Textile Overseers Association of Philadelphia and vicinity, held their regular monthly meeting on Saturday evening, February 10th at Cincinnati Hall, Amber and Norris sts.

The meeting was fairly well attended by the local members, those living out of town being kept away by the trolley strike.

Various subjects were discussed between the members, the meeting being presided over by Geo. McDaniels.

Possett's Textile Journal was made the official organ of the Association, and full reports of the proceedings will appear in these columns, from now on.

The members were treated to a surprise after the business session by the Entertainment Committee who had provided a short repast and cigars, which greatly added to the enjoyment of the evening.

Announcement was made of a benefit to be held at the Grand Opera House, for the week of April 11th to 16th.

Adjournment was made to meet again on the fourth Saturday in March.

Thomas Barnett, who for a number of years held the position as superintendent of the plant of C. J. Milne and Co. at 11th and Washington ave., Philadelphia, manufacturers of Cotton Shirts and Novelties, has severed his connection with that firm and is now connected with the Manchester Finishing Works, Philadelphia.

Harry S. Henry is now in charge of the Bolton Spinning Co.'s plant at Howard and Berks streets, Philadelphia, with D. Beswick as superintendent.

Chas. Nice, formerly superintendent of the Bolton Spinning Mills at Howard & Berks streets, has entered the manufacturing field, trading as Kenworthy & Nice, Manufacturers of Yarns, Philadelphia.

The Dyeing Department of the Val-kone Dyeing and Finishing Works, Turner and Mascher sts., Philadelphia, is making quite a showing under the direction of J. C. Wilkinson as boss dyer and Edward Atkinson as his assistant.

N. R. Kline, formerly superintendent of the Seamless Department of the Thos. E. Brown and Sons plant Second and Westmoreland sts., Philadelphia is now holding a position as superintendent of the Bell Hosiery Co., manufacturers of similar goods located at Mascher and York sts. in the same city.

Harvey Schantz, of Reading, will be superintendent of the Easton Knitting Co., Easton, Pa.

John Kaufman, formerly of the Sterling Mills, of Paterson, N. J., has taken charge of the looms of the Meisch Mfg. Co., manufacturers of silk ribbons, Paterson, N. J.

Eugene N. Foss has resigned as president of the Burgess Mills, of Pawtucket, R. I., in order to devote all of his energy to the new Maverick Mills, in East Boston, of which he is president.

Robert Burgess has severed his connection with the Burgess Mills, of Pawtucket, R. I., and is daily at the new Maverick Mills, in East Boston, of which he is general manager, supervising its construction which is going forward rapidly.

Kirk White is the superintendent of the new factory of the Lastlong Knitting Co., of Oswego, N. Y.

Robert C. McFadden is now boss carder for the Samoset Co., of Valley Falls, R. I.

Edmond Gillet, of Lyons, has succeeded Jacob Weidmann as president of the Weidmann Silk Dyeing Co., Paterson, N. J.

B. H. Marling is the new manager of the Michigan Knitting Co., Lansing, Michigan.

William H. Nettleton is the new boss carder with Robert MacKinnon & Co., knit goods manufacturers, of Little Falls, N. Y.

J. A. Reed, wool examiner for the port of Boston, has resigned and accepted the position as wool clerk for the Arlington Mills, Lawrence, Mass.

Martin Hoar was killed by the bursting of a steam pipe in the boiler room of the Lorraine Manufacturing Co., Pawtucket, R. I. The accident caused the mill to shut down for lack of power.

Eben S. Willey has resigned as agent of the Barnaby Manufacturing Co., of Fall River, Mass.

J. C. Fogleman has been appointed superintendent of the Sterling Cotton Mills, Franklinton, N. C., succeeding J. W. Daniels, who recently resigned.

W. L. Myrick has been elected permanent secretary of the Southern Soft Yarn Spinners' Association, with office in Charlotte, N. C.

D. M. Baker is the new secretary and treasurer of the Lula Manufacturing Co., of Kings Mountain, N. C.

Leonard H. Query is the new superintendent of the Savona Manufacturing Co., of Charlotte, N. C.

John Parkinson is now superintendent of the Stafford Worsted Co., Stafford Springs, Conn.

Arthur J. Richards is the new superintendent of the No. 2 mill of the American Thread Co., of Holyoke, Mass.

Albert R. Salembier has been elected treasurer and secretary of the Duplan Silk Co., Hazleton, Pa.

Daniel McCallum is now superintendent of the Talcott Brothers woolen mill at Talcottville, Conn.

At the annual meeting of the Cotton Manufacturers' Association officers were re-elected as follows: President, George H. Hills; vice-president, W. F. Shove; secretary and treasurer, C. W. Hathaway; members of executive com-

mittee, J. E. Osborn, Edward L. Anthony and Edward Barker.

*J. T. West* is the new general manager, and *P. W. West* assistant manager of the Leak, Wall & McRae, Mattress Plant, of Rockingham, N. C.

*Simeon W. Taylor*, of Lowell, is the new superintendent of the woolen mill at Jamesville, Mass., recently put in operation by G. W. Saunders & Co., commission merchants, 683 Broadway, New York.

*C. W. McKendrick* is the new superintendent of the Victor Knitting Mills Co., at Cohoes, N. Y.

*Earle J. Pray* is now with the United States Cotton Co., Pawtucket, R. I., and where he has charge of 68,000 spindles.

*E. J. Shaughnessy* is the new superintendent of the George W. Davis, Inc., Woolen Mills, Worcester, Mass.

*Joseph Redford* is the new assistant superintendent of the Hadley division of the American Thread Co.

*J. G. Berry* has become superintendent of the Drexel Hosiery Mill, of Drexel, N. C.

*S. Foster Sheldon* is the new designer and assistant superintendent for the Westerly Woolen Co., of Westerly, R. I.

*H. B. Hazen* is the new Designer at the Davisville Woolen Co., Davisville, R. I.

*Charles Lowell* is now boss weaver for the Adams Woolen Co., Adams, Mass.

*P. R. Walshaw* is the new boss dyer for the Marston Worsted Mills Co., of Skowhegan, Me.

*John H. Kelly* is the new assistant superintendent of the Norwich Knitting Co., of Norwich, N. Y.

*Gordon Cobb* has accepted the position of superintendent of the Inman Mills, Inman, S. C.

*H. W. Kincaid* is the new superintendent for the Oxford Linen Mills, N. Brookfield, Mass. He was formerly agent for one of the largest linen mills in Ireland.

*Dever Little* has been appointed superintendent of the cotton mills being erected by the "Dukes" at Great Falls, S. C.

It is reported that *Edwin K. Baldwin*, superintendent and paymaster of the Bay State Mills, Lowell, Mass., has accepted the position as secretary and purchasing agent with the Waterloo Woolen Manufacturing Co., Waterloo, N. Y.

*Charles W. Young*, an overseer at the Bennett Mill of the New England Cotton Yarn Co., has become superintendent of Department 14 of the same corporation at Taunton, succeeding *William Harrub*, who comes to New Bedford to fill the vacancy caused by the resignation of Robert Schofield at the Rotch department. *Ernest Blair*, second hand at the Bennett Mill, has been promoted to the position left vacant by Mr. Young.

*C. H. Pickles* is the new boss finisher for the Oneko Woolen Mills Co., New Bedford, Mass.

*Walter Wingate* will become the superintendent of the Willimantic Mills, Willimantic, Conn.

*C. N. Bagley* is the new superintendent of the Sheridan Woolen Mills, of Ashuelot, N. H.

*Geo. Lee Taft* has been elected president of the Fine Woolen Co., New York, which company succeeded the business of Howell Bros. after the death of Frank Howell.

*Richard Magner* is now boss dyer for B. Lucas & Co., Poquetanuck, Conn.

*George E. Prest*, superintendent of the Bourne Mills, Fall River, Mass., has been appointed trustee of the Bradford Durfee Textile School, of Fall River, succeeding George W. Wright.

*Mr. Armstrong*, of Pawtucket, R. I., has been appointed superintendent of the weaving department in the Harmony Mills, Cohoes, N. Y. Mr. Armstrong will be assisted by: Overseer *Davis* in charge of the first weaving floor of No. 3 extension; *Edward Flannigan* in charge of the second floor. In the o'd part of mill No. 3 *Charles Polls* will have charge of the first floor and *Thomas Brierly* of the second floor. In No. 2 mill *John Riley* will have charge of the first floor and *Augustus Blair* of the second floor.

*R. A. Illingworth* is the manager of the Woodside Mills, of Northboro, Mass., which has been reopened after a shutdown of about six years.

*L. M. Coates*, formerly with the American Woolen Company's yarn department, has entered the worsted yarn business on his own account with offices at 170 Sumner street, Boston.

At a recent meeting of the board of directors of the Cotton Yarn Salesmen's Association of Philadelphia, *Earle W. Knapp*, local representative of Herx & Eddy, was unanimously elected secretary of the association. The annual banquet of the association will be held on March 19 at Kugler's Restaurant.

*John C. Balmer*, who has been assistant superintendent of the Merchants' Manufacturing Co. for the past four years, has been appointed superintendent of the three mills of that company in Fall River.

*Harry J. Ricketson* is the new superintendent at the Suncook Mills, Suncook, N. H.

*A. H. Bahnsen, Junior*, is the new superintendent of the Washington Mills, Fries, Va.

*A. W. Scott* is the superintendent of the new Worsted Department of The Orr Felt & Blanket Co., Piqua, Ohio.

It is reported that *George A. Wilson* has been appointed general superintendent of all the B. B. & R. Knight cotton mills. The Knight mills are 20 in number. They operate 500,000 spindles, employ 7,000 persons and annually convert 60,000 bales of cotton into 77,500,000 yards of cloth. The mill property includes 17 villages. Factories are located in Pawtucket Valley, Hebronville, Manchaug, Woonsocket, etc.

*Manuel Falles*, an operator of the Estes Mills, Fall River, Mass., has started a \$5,000 suit against the latter concern.

*Walter Haworth*, an employee of the Richard Borden Manufacturing Co., Fall River, Mass., has brought a suit for alleged personal injury in the sum of \$5,000.

*J. Rowland* is the new boss finisher at the Royal Gem Mill Co., manufacturers of knit goods, St. Johnsville, N. Y.

*E. O. Black* has been elected a member of the board of directors of the Belding Silk Co.

*V. M. Johnson* is the new superintendent of the Merrimack Mfg. Co., Huntsville, Ala.

*John A. Davis* is the new overseer of the cloth room at the Magnolia Cotton Mills, Magnolia, Miss.

*J. F. Kelly* is the new superintendent of the weaving department at the Richland Mills, Columbia, S. C.

*A. W. Ploethner* is now superintendent of the Glenside Woolen Mills, at Skaneateles Falls, New York.

*Christopher S. Adams*, formerly connected with the Slatersville Finishing Company, Slatersville, R. I., is at present representing the Oriental Silk Printing Company, Paterson, N. J.

*W. A. Booth* is the new boss weaver for the Coheco Woolen Manufacturing Company, East Rochester, N. H., in place of Chas. E. Quimby, who has resigned.

*George R. McCauley* is the new assistant superintendent of the Natick Mills, Natick, R. I.

*E. K. Atwood* is the new agent of the Lockwood Company, Waterville, Me.

*Alfred Neuburger* is now the representative of the Lehigh Valley Silk Mills, of South Bethlehem, Pa., in the New York, Paterson, Pennsylvania and Eastern markets, with offices in Room 504, in the Silk Exchange Building, 487 Broadway, New York City, and Room 223, Romaine Building, Paterson.

*Arthur Stubbs* has been appointed assistant secretary of the Silk Throwers' Association of America, to succeed George J. Dunn, who resigned during the past month. Mr. Stubbs will have his office in the rooms of the association on the tenth floor of the Silk Exchange Building.

## Obituary

*Thomas Talbot*, a brother-in-law of Frederic S. Clark, president and treasurer of Talbot Mills, North Billerica, Mass. Mr. Talbot went into his father's mills in 1890, and after taking a course of instruction in Textile Designing and Manufacturing, with E. A. Posselt, of Philadelphia, in 1894 was made superintendent and in 1898 a director. His father, at one time was Governor of Massachusetts.

*Frank S. Howells*, president of the Fine Woolen Co. Mr. Howells was 45 years old and had been connected with Howells Bros. and the Fine Woolen Co., 60 Worth street, for 23 years.

*Robert Wood Johnson*, president of Johnson & Johnson, manufacturers of absorbent cotton, etc., New Brunswick, N. J. In 1874 he organized the firm of Seabury & Johnson and engaged in the present business. In 1887 he organized Johnson & Johnson.

*Thomas C. Page*, formerly head of Lamb Knitting Machine Co., Chicopee Falls, Mass., aged 78 years.

*George F. Viotor*, of the dry goods firm of Fred'k Viotor & Achelis, 66

(Continued on page xxv)

# 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.

Providence, 23 S. Main St.

Charlotte, 210 S. Tryon St.

San Francisco, 580-582 Howard St.

Philadelphia, 104 Chestnut St.

Chicago, 317 N. Clark St.

Atlanta, 1418 Empire Bldg.

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.

(Continued from page xxiii)

Leonard Street, and one of the leading dry goods men in the country. Next to Thomas Achelis, who is the oldest member of the firm, George Fred'k Viotor was the head, and the firm of Fred'k Viotor & Achelis is one of the largest, having branch establishments in Bremen, Chemnitz, Paris and Lyons. It is also one of the oldest in this country, doing a business variously estimated from \$40,000,000 to \$50,000,000 a year.

*John G. Elliott*, of James Elliott & Co., manufacturers and importers of linen, Philadelphia. It was through him that the Granite Linen Company of Wortendyke, N. J., was started to manufacture linen in America.

*M. J. Weaver*, vice-president of the Soo Woolen Mills of Sault Ste. Marie, Mich.

*William R. Hibbard*, manager of the Underwear dept. of Marshall Field & Co., Chicago.

*George W. Turner*, formerly superintendent of the Argo Mills, of Gloucester, N. J.

*Edwin Babcock*, a retired woolen mill man. In 1844 he and his brother, Horace, formed a partnership under the name of E. & H. Babcock, for the manufacture of woolen goods at Potter Hill, where they built the mill now owned by the Pawcatuck Woolen Company.

*William H. Cooley*, formerly associated with William Smith, in the manufacture of shoddies and flocks, at Stafford Springs, Conn.

*Henry Capron*, formerly a manufacturer of woolen goods, Uxbridge, Mass.

*Moses D. Garfield*, well known as the "shuttle-eye man," at Millbury, Mass. He was the discoverer of a process by which he hardened and glazed shuttle eyes in a manner which made them superior to all others, and it is said the secret died with him.

*Albert W. Pratt*, father of Tracy W. Pratt, president of the West Huntsville Cotton Mill, of Huntsville, Ala.

*Henry Sturgis Grew*, a director in the Everett Mills, Pepperell Manufacturing Co., Hamilton Manufacturing Co., York Manufacturing Co., and vice president and a trustee of the Suffolk Savings Bank. One of his daughters is the wife of J. Pierpont Morgan, Jr.

*Edward B. Townsend*, treasurer of the Warwick Mills, Centreville, R. I.

*Edward M. Rockwell*, manufacturer of wool and merino weaving and knitting yarns, at Leominster, Mass.

*C. L. Bowler*, president of the Royalton Woolen Co., New York.

*Herbert B. Holman*, superintendent of Union Manufacturing Co., Peterboro, N. H.

*Ernest Neuendorff*, proprietor of the Brooklyn Silk Winding Co., Brooklyn, N. Y.

*Albert E. Smith*, a woolen manufacturer interested in the Chapel Mills and the Valley Mills, of Cherry Valley, Mass.

*John M. Hirst*, who managed mills in Carrollton, Lexington, Louisville and Carthage, Mo., and founded and built the Falls City Woolen Mills, of Louisville, Ky., of which he was general manager for 23 years.

(Continued from page xxi)

*Enfield, N. C.* A number of citizens here are considering ways and means to erect a cotton mill, with a proposed capital of \$150,000.

*High Point, N. C.* W. P. Pickett, F. M. Pickett, W. Harris, J. Elwood Cox and associates plan the organization of a \$150,000 cotton mill company.

*Laurinburg, N. C.* J. P. McRae, an experienced mill man of this State, is promoting the organization of a cotton cloth mill here.

*Monroe, N. C.* The Monroe Cotton Mills will increase their capital stock by \$30,000. They manufacture yarns and gray sheetings.

*Newell, N. C.* It is reported that a new mill for the manufacture of fine goods, financed by the "Dukes" and costing \$300,000, will be established here. It will contain over 12,000 spindles.

*Raleigh, N. C.* A. M. Moore, John Merrick and others have incorporated the Durham Textile Mills, Inc., with a capital stock of \$50,000.

*Rockingham, N. C.* The Entwistle Manufacturing Company will be equipped with 40,000 spindles and 1,000 looms for manufacturing cotton cloth. Wm. Entwistle is president.

*Rockingham, N. C.* The Ledbetter Mfg Co., is reported to consider the erection of an addition for the installation of looms in order to use their yarns which they are now producing.

*Rockingham, N. C.* The Hannah Picket Mills will build an addition 100 by 250 feet, for installing looms to use the yarn now spun by the company.

*Wadesboro, N. C.* Wadesboro Cotton Mills Co., manufacturers of yarns, have decided to install enough looms to weave the yarn output of its 11,000 ring spindles; they may also increase their capital stock.

*Winston-Salem, N. C.* The P. H. Hanes Knitting Company proposes to build a 10,000 spindle plant for making high grade carded yarns for their own use. They hope to have it in operation by the time the new cotton crop is ready for the market.

*Chestnut, S. C.* It is reported that W. E. Burnett and others will erect a new cotton mill of 20,000 spindles here.

*Great Falls, S. C.* The Republic Cotton Mills Co., which now has under erection a 25,000-spindle and 1,000-loom plant, it is reported, is contemplating the erection of two more mills, the three plants to have a total of 100,000 spindles and complement of looms, at an ultimate investment of about \$2,500,000. The first mill will have a main building 135 by 600 feet, for which the concern has awarded the contract. Robert S. Mebane, of Graham, N. C., is president, and the Dukes, of the American Tobacco Co., are understood to be largely interested.

*McColl, S. C.* Thomas R. Gibson, of this place, is planning the formation of a company to build a cotton mill.

*Tucapau, S. C.* The Tucapau Mill, manufacturers of print cloths, will install 10,000 additional spindles.

*Columbus, Ga.* Secretary Woodruff, of the Columbus Board of Trade, announces that a new cotton mill, which will be among the largest in this vicinity, will be established here.

*Griffin, Ga.* The Commercial Club, of this city, is making an effort to secure a large cotton mill which is to be established in the South by New York capitalists.

*Monticello, Ga.* J. L. Benton, M. R. Sears and associates are reported as planning a \$300,000 cotton mill.

*West Point, Ga.* The proposed \$500,000 cotton mill, referred to in our report of Jan. 20th, is assured, according to a statement by E. B. Reed, treasurer of the new company. Work will begin in May.

*Natchez, Miss.* The Natchez Cotton Mills, manufacturers of brown sheeting and drills, will discard their machinery, which is of an old type, and has proved very expensive for the mill, installing new machinery at a cost of more than \$20,000.

*Tallahassee, Fla.* R. Griffin Johnson, of this place, it is reported, is negotiating with Northern capitalists for building a \$100,000 cotton mill here.

*Houston, Tex.* W. H. Gill, chairman of the penitentiary board, contemplates the erection of the cotton mill, for which the Legislature appropriated \$100,000 several months ago.

*McKenney, Tex.* Work has been begun upon the erection of the \$200,000 Lone Star Cotton Mill. The same is expected to be in operation by August 1st.

*San Antonio, Tex.* In order to get a cotton mill established here, Charles F. Simmons, builder and owner of the Artesian Belt Railroad, has offered twenty acres of land and a bonus of \$25,000 for the erection of a factory of 5,000 spindles to Gustav L. Hergert, of Chemnitz, Germany, the representative of several Saxon cotton manufacturers, who are contemplating the transfer of their mills to some cotton growing section of this country.

## FROM OUR WESTERN CORRESPONDENTS

*Texarkana, Ark.* Dr. H. L. B'Shears, one of the large plantation owners of the Red River section, is heading a movement for the erection of a cotton mill there.

*Fort Smith, Ark.* Plans for a 10,000 spindle cotton mill are being formulated here by local capitalists.

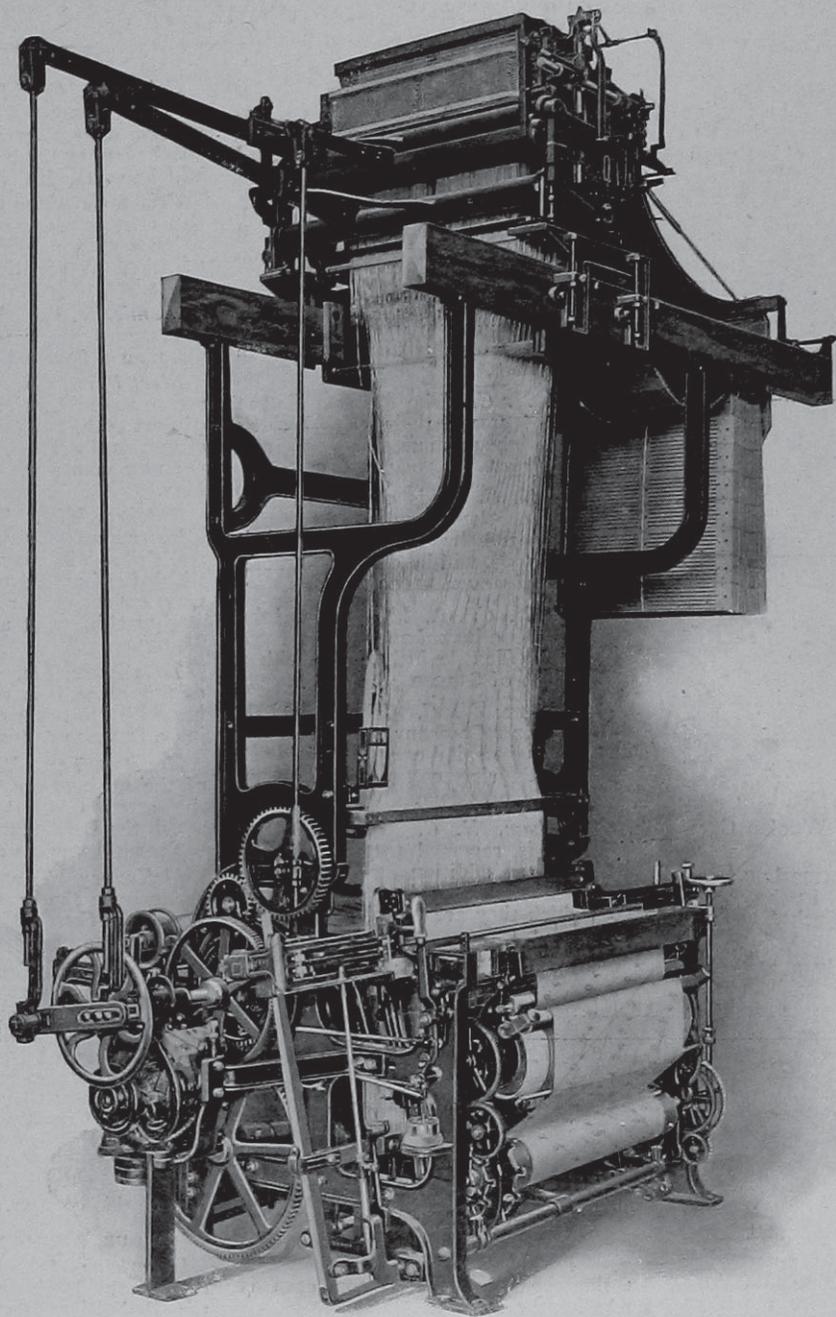
*Chicago, Ill.* The Home Weaving Works has been incorporated to manufacture carpets, rugs, etc., by Albert M. Henry and others, with a capital stock of \$2,500.

*Madison, Ind.* The R. Johnson Yarn & Cordage Mills have been incorporated with a capital stock of \$50,000, by David Warring and others.

*Detroit, Mich.* The Armstrong Woolen Co. is erecting an addition to its plant which will greatly increase its capacity.

*West Bend, Wis.* The West Bend Woolen Co., has been incorporated with a capital stock of \$60,000, by John and Minnie Geib and Frank J. Halley.

*Taneha, Okla.* It is reported that a new cotton mill is to be erected here, the output of which has been contracted for by a St. Louis wholesale house.



C. & K. JACQUARD SILK LOOM WITH MOTOR DRIVE

**T**HE combined efforts of our experienced builders are directed toward a steady advancement year after year in all our varieties of weaving machinery. We want you to expect the best in every machine bearing our name.

## CROMPTON & KNOWLES LOOM WORKS

WORCESTER

PROVIDENCE

PHILADELPHIA