

"Current Topics" in the *Textile Mercury* last week. The capital of the Company has been variously estimated from time to time at anything between one and three millions, but it is hardly expected to much exceed half of the latter amount. At the meeting on Monday Mr. T. M. Southwell, of H. and M. Southwell, Bridge north, a firm bearing the highest position in the carpet world, was unanimously elected first chairman of the new company.

Joint Stock and Financial News.

LISTER AND CO., LIMITED.

The first annual meeting of the ordinary shareholders of Messrs. Lister and Co., Limited, was held at the Victoria Hotel, Bradford, on Tuesday afternoon. Mr. S. C. Lister occupied the chair.

In proposing the adoption of the report and balance-sheet, which included a proposal to declare a dividend of 10 per cent., the Chairman said the past year has not been so profitable for business as many previous years. The cause was not far to seek. In the beginning of the year there was a period of considerable slackness, and at that time it was very uncertain as to what course trade would take. The looms were not fully occupied, and, therefore, considerable time was lost. Business afterwards improved, and the second half of the year was fairly satisfactory. Other causes, also, would account for diminished profits. There had been a very serious breakdown of the engine, which, however, was not attributable to any negligence or carelessness. Owing to that accident, the spinning department was thrown out of order for four or five weeks. In addition to the breakdown there had been a fire the like of which had not happened since the great fire of 1873, when the whole of the place at Manningham was burnt down. This year the business had opened far more satisfactorily than last year, and he had full confidence that the profits would be considerably more than they had been in the past year. As they knew, they might be disappointed, but his own opinion was that Lister and Co., Limited, would share in the general prosperity of the world. The spun-alk business was now on the most sound and safe foundation that any business could possibly be based upon, owing to the extremely low price of the raw material.

Mr. J. R. Armitage (Bradford) seconded the resolution, which was put and carried unanimously. Mr. Hill (Newcastle), asked how the directors had disposed of the reserve fund—whether it was put out at safe security or was used in the business.

The Chairman replied that the reserve fund formed part of the capital of the concern, and they could not put it into a bank or a safe or a bag. Mr. Hill said that every company, to be safe and sound, should have its reserve fund invested separately. (Hear, hear.)

In answer to another question, the Chairman said orders were much more plentiful now than they were at the corresponding period of last year.

The Chairman promised, on behalf of the directors, that the question of investing the reserve fund should be fully considered by them.

Mr. S. C. Lister, jun., and Mr. B. T. Gibbins were re-elected directors, and, after votes of thanks to the chairman and the directors, the meeting terminated.

COTTON COMPANIES.

MATHER LANE SPINNING COMPANY, LIMITED.—The directors' report for the half-year ending December last, proposes to pay a dividend at the rate of 12 per cent per annum.

SHAW HILL SPINNING COMPANY.—Loss of £961 16s. 11d. for three months, which increases the adverse balance to £5,850 9s. 2d. The mortgagee has agreed to re-arrange the mortgage by foregoing the arrears of interest, and reducing the mortgage from £6,000 to £5,000, and the rate per cent. from 5 to 3. The depreciation has been £250; the value of the buildings and machinery being given at £33,500. Shareholders' claims are £0,804, and loanholders' claims £4,312, on which £149 interest has been paid.

HOWE BRIDGE SPINNING COMPANY, ATHERTON.—Dividend for half year, 8 per cent.

RHODES INDUSTRIAL SOCIETY.—Sales for three months, £4,269. Profit, £87. Dividend, 2s. 11d. in the pound. Share capital, £14,569 3s. 6d.

BELGIAN ROTORS.—Profit, three months, £940. The adverse balance is now £1,954. Share capital, £38,411. Loans, £39,086. Plant, three months ago, £71,850. Spindles, 56,556 (24,764 Tand 31,792 W). Mill first-proof. Company formed 1873.

EDGORTH SPINNING COMPANY.—Profit for the half year, £2,523 12s. 8d. Dividend, 8 per cent. The reserve fund now stands at £2,000.

NEW COMPANIES.

THE COMPRESSED AIR CARPET-CLEANING COMPANY, LEEDS, LIMITED.

Registered by Waterlow Brothers and Layton, Limited, 24 and 25, Birch-in-lane, E.C., with a capital of £10,000 in £1 shares. Object, to carry on the business of cleaning and purifying carpets, tablecloths, tapestries and other fabrics by means of patents to be acquired under an agreement made November 31st, 1899, between C. Thorpe of the first part, T. Worsop and G. Wigley of the second, J. C. Reid of the third, and W. H. Tomlinson, as trustee for the company, of the fourth part. There shall not be less than three nor more than five directors. C. Thorpe is appointed managing director, with a remuneration of £250.

HOLROYD'S, LIMITED.

Registered by R. Jordan, 130, Chancery-lane, W.C., with a capital of £60,000 in £10 shares. Object, to acquire the business of cloth finishers, as formerly carried on by Thomas Holroyd, at Carlton Mills, Leeds, under the firm of James Holroyd and Son, and recently by Holroyds, and to acquire and undertake all the assets and liabilities of the proprietors of that business in connection therewith; to carry on and develop the said businesses, or all or any of the following businesses, viz., finishers, dyers, shrinkers, &c., &c. The first subscribers are:

T. Holroyd, Carlton Mills, Leeds	.....	1
Mrs. Holroyd, 6, Cavendish-road, Leeds	.....	1
Miss Holroyd, 6, Cavendish-road, Leeds	.....	1
Miss A. Holroyd, St. Bartholomew's Hospital London	.....	1
J. A. Holroyd, 6, Cavendish-road, Leeds	.....	1
A. H. Hostler, 18, Beech-grove-terrace, Leeds	.....	1
Mrs. Hostler, 18, Beech-grove-terrace, Leeds	.....	1

There shall not be less than two nor more than five directors. The first are T. Holroyd and J. A. Holroyd. Qualification, £1,000. Thomas Holroyd is appointed managing director, with a remuneration of £1,000 per annum.

Gazette News.

ADJUDICATIONS.

William A. Booth, Arundel Mills, Glossop, and Silver-street, Manchester, manufacturer.
William P. C. Everden, Blackheath-road, Greenwich, dyer and cleaner, &c.
George H. Robinson, The School Close Dyeworks, Leeds, dyer.

George Robinson, Leeds, dyer; Leeds.

RECEIVING ORDERS.

E. A. Lawton, Rosset-road, Great Crosby, cotton broker; Liverpool, January 3rd.

RECEIVING ORDERS RESCINDED.

E. A. Lawton, Rosset-road, Great Crosby, cotton broker; Liverpool, January 3rd.

PARTNERSHIPS DISSOLVED.

E. and D. Tolson, Mill-road, Dewsbury, carpet manufacturers.
James Bywater and Nephew, Birstal, near Leeds, engineers and millwrights.

W. R. Ower and Company, Jewry-street, Aldgate, London, sack, bag, and tarpaulin manufacturers.
T. Parkin and Son, Leeds-road, Ossett, Yorks., rag and mungo merchants.

Ralphs and Preston, Cross Fountain-street, Leeds, engineers and machinists.
Richard W. Noar and Richard Noar, trading as R. W. Noar, Cannon-street, Manchester, yarn and thread merchant.

Armitage Brothers, Millsbridge and Huddersfield, woollen manufacturers, as regards Edward Armitage.

WINDING-UP NOTICE.

Robert Briercliffe, Limited, Farnworth.

NOTICES OF DIVIDENDS.

Herbert Smith, Chester-road, Akroydon, Halifax, mill manager; 15s. 6d. (20s. on new proofs), supplemental.

J. Whitham, Vickers street, Miles Platting, Lancashire, chemical manufacturer (trading as J. Whitham and Co.), Brindle Heath Dyeworks, Pendleton, Lancashire, dyer and printer, and (as the White Croft Printing Company), White Croft Printing Works, Baxenden, Lancashire, also trading with T. Mills, Oldham-road, Manchester, and residing at Woodlands, Nelson, Lancashire; 4d., third and final.

Patents.

APPLICATIONS FOR PATENTS.

The names in italics within parentheses are those of Communicators of Inventions.

Where Complete Specification accompanies Application an asterisk is suffixed.

13th JANUARY.

574. FRANK GARNISS, 1, St. James's-square, Manchester. Mounting the spindle of roving, slubbing, winding, doubling, and intermediate frames.
592. JOHANN HONNIGER, 8, Quality-court, London. Carding engines with revolving flats.

14th JANUARY.

624. RODERICK EGGLES, 3, Commercial-street, Halifax. Sending shuttles across looms for weaving.
631. H. HARTLEY and J. B. WILSON, 8, Quality-court, London. Rotating shuttle-boxes.
643. J. K. TULLIS, 154, St. Vincent-street, Glasgow. Leather link belt.
677. T. RAWSTHORNE, 46, Lincoln's Inn-fields, London. Carding engines.
697. H. H. LAKE, 45, Southampton-buildings, London. Looms. (*George W. Stafford, United States*.)

705. R. HADDAN, 18, Buckingham-street, Strand, London. Apparatus for use in treating and dyeing cotton silvers, rovings, or caps and other textile materials. (*Bertrand Leplat, France*.)

15th JANUARY.

712. WALLACE MCGEYFFIN GREAVES, 40, Dover-street, Manchester. The introduction of smoke-consuming chambers in furnaces.

724. J. J. HUMMEL, 6, Lord-street, Liverpool. Red dye or pigment, and making and applying same.

730. R. HIGGINS, 20, Charles-street, Bradford. Postal and similar wrappers for enclosing textile patterns.

535. A. BANG, 2, East-parade, Leeds. Dioxynaphthalene-mono-sulpho acid and disazo-dyestuffs from the same. (*Messrs. Dahl and Co., Prussia*.)

741. GEO. MONT, 10, Ann-place, Bradford. Figured cloths.

742. EROCH FEATHER and HENRY GREENWOOD, 2, Fair View-terrace, Halifax. Hank dyeing machine of which all kinds of yarns in banks can be dyed whilst in motion.

745. W. MCG. GREAVES, 40, Dover-street, Manchester. Furnaces.

753. W. A. HEALEY, J. S. MILNE, and W. HEALEY, 8, Quality-court, London. Swifts for reeling and analogous machines, also applicable to the reels of warping mills.

754. W. A. HEALEY, J. S. MILNE, and W. HEALEY, 8, Quality-court, London. Folding swifts for reeling and analogous machines.

16th JANUARY.

818. W. FORTUNE and F. H. BENTHAM, 20, Charles-street, Bradford. Machinery or apparatus for drilling and punching the circles of circular machine combs.

819. S. WOOD and G. H. HEPPLESTON, Commercial-street, Halifax. Reversible Ingram or Brussels carpets.

820. S. H. LAKE, 5, Ada's-crescent, Morthoe, North Devon. Bobbins, shuttles, and spools, for sewing and buttonhole machines, to carry any length of thread.

822. H. TETLOW, 1, St. James's-square, Manchester. Apparatus for regulating the drag upon bobbins in textile machinery.

823. H. B. BARLOW, 17, St. Ann's-square, Manchester. Removing cops doffed from the spindles of mules, ring spinning, and certain other machines. (*James Gibson Scott, Bombay*.)

825. W. ALBERT, 47, Lincoln's Inn-fields, London. Machines for drying textile materials.

18th JANUARY.

922. G. H. HOLDEN and J. ASHWORTH, 13, St. Ann's-street, Manchester. Machinery for winding yarns or threads.

923. J. TELLMANN, Barker-gate, Nottingham. Introducing by an improved method white or coloured threads into nets and lace.

928. S. TWEEDEALE, Central-chambers, Halifax. Doffing combs of carding engines.

930. W. BRADBURY and J. C. TONGER, 42, St. Bridge-road, Ashton-under-Lyne. Flexible shuttle guns for power and other looms.

953. J. A. HARR and C. BAYNES, 37, Lincoln's Inn-fields, London. Revolving flat and roller and clearer carding engines.

954. H. W. GODFREY, C. F. LEAKE, and C. E. LUCAS, 24, Southampton-buildings, London. Lincsum and like fabrics.

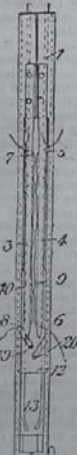
SPECIFICATIONS PUBLISHED.

- 18,806. STUTTARD. Rolls of surgeons' tow. 6d.
 19,052. WETTER (Rittmeyer and Co.), Embroidering machines. 8d.
 1889.
 1,283. OSTLER and STRATHERN. Floor cloths, &c. 11d.
 1,638. HITCHON. Finishing yarns. 6d.
 2,225. TURNER. Laces, cords, &c. 6d.
 3,171. TETLOW. Clearing and cleansing of yarns. 8d.
 3,194. ARMITAGE and CARTER. Cooling cloth, 6d.
 3,275. TOWN. Jacquard cards. 8d.
 3,321. DICKINSON. Spinning and doubling machines. 8d.
 3,333. SHILLITO. (Geigy and Co.) Triphenylmethan colours. 4d.
 3,517. BARKFOOT. Knitting frames. 11d.
 3,621. BARBAGE. Knitting machines. 6d.
 3,760. TEBBETT. Jacquard cards. 8d.
 9,410. PARKER. Cleansing wool, &c. 4d.
 7,715. HIME and NODD. Waterproofing and preserving textures, &c. 4d.
 9,410. PARKER. Cleansing wool, &c. 4d.
 15,989. ANDERSON and DICKINSON. Calendering machines. 6d.
 18,033. EMERY. Weaving wide fabrics. 11d.
 18,497. MASON. Carding engines. 6d.
 18,630. JUCKER. Looms. 6d.
 18,733. MARSDEN and FROST. Looms. 6d.

ABSTRACTS OF SPECIFICATIONS.

10,552. July 21, 1888. Looms. F. W. JERSON, 37, Mill-lane Blackburn.

Shedding apparatus for forming internal selvages of split pieces as described. To a bar 1, pendent from the top rail, are fixed two needles 3, 4 through the eyes 5, 6, and 7, 8, of which pass the warp ends 9, 10 adjacent to the outer ends 19, 20. Two needles 13, 18 slide oppositely up and down in grooves in the bar 1 by connections with the head roller or heads. The lower ends of these needles are formed with slots, as shown, so that the outer warp ends are caught thereby and carried up alternately between and on the outside of the ends 9, 10, whereby the necessary crossing of the threads is effected. [8d.]



10,562. July 21, 1888. Friction Driving Mechanism. C. J. DUMOULIN and J. LAURIE, both of Lyons, France.

The mechanism is for use in looms and in warping, spinning, winding, spooling, and glazing machines. The driving shaft carries a friction disc operated by friction pulleys. The latter are mounted on shafts connected by spur gearing, and are driven by a single pulley. By means of a right and left-handed screw rod rollers may be adjusted on their shafts to vary the speed. The disc may be put in and out of action by a fork. In some cases a single friction roller adjusted by a screw or equivalent is employed. [8d.] Drawings.

10,567. July 21, 1888. Felt Hardening Machine. W. G. BYWATER, Sweet-street Foundry, and T. B. BEANLAND, 41b, Cemetery-road, both in Leeds.

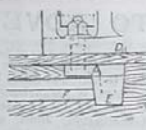
Arrangements are described for stopping at a given moment the action of the flat hardeners used particularly in making late felt. [8d.] Drawings.

10,583. July 21, 1888. Wrapper for cotton piece goods. A. E. LEVI, 18, Cumberland-street, Manchester.

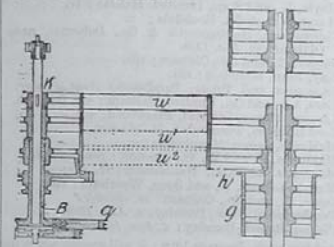
The wrapper, which serves to envelope and denote the goods, consists of bleached net or lace with a backing of coloured paper, &c.; or the latter may be the paper, &c., wrapping the goods. [4d.] No drawings.

10,618. July 23, 1888. Looms. E. CALVERT, 23, Peck-street, and J. FARROW, 51, Belgrave-street, both in Burnley.

Spindle stud.—The stud is of L-form, the part A being bolted to the lay sword D, whilst the part E receives the end of the spindle F. The part A is of malleable iron and the part E is cast upon it. [6d.]

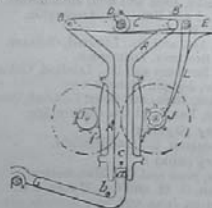


10,623. July 23, 1888. Spinning mules. J. JOSEPH, Bielitz, Austria.



Spindles.—During the outward run of the carriage the spindles are driven successively at three different speeds. The tin roller is in connection with the pulleys u and v mounted on the shaft K and sleeve B respectively, and two speeds are obtained by moving the driving strap into the positions u, v. The third speed is obtained by moving the strap into the position w, when it is driven by a pulley h of the overhead gearing, mounted on the boss of a smaller pulley g driven from the main shaft. The strap is moved automatically as the carriage moves outwards by means of a tappet on the carriage operating through a cam and lever system, the strap fork being blocked in its successive positions by weighted catches which are released automatically at the end of the stretch. [11d.]

10,739. July 25, 1888. Looms. R. H. PLACE, 221, Radham-road, Burnley.



Dobby.—Consists of a double lift dobbie in which a series of lever arms A are hung from rods B, B', carried by levers C on a shaft D, which is rocked by a lever E and rod from the tappet shaft. Peg barrels J, or equivalents, push certain of the levers inwards, so that on their downward movement they will engage with the notched ends a of corresponding jack levers G, thereby depressing the latter and working the heads. The levers A work in a grate, the bar c acting as a stop piece. The pegs may act through springs f or through bell-crank levers. The barrels are geared together and are worked by a pawl L. A rod b limits the upward movement of the jack levers. [6d.]

10,795. July 25, 1888. Embroidery. T. BELLS, 72, Camberwell New-road, London, S. E.

A cut-out design is sewn upon a different ground material, with ornamental or other thread. The design is then embroidered with a special thread, consisting of a core on which bright metallic wire or silk is laid helically so that the core predominates. [4d.] No drawings.

10,809. July 26, 1888. Lace-making. J. GEBBIE and T. MITCHELL, Ossington Lace Factory, Kilmarnock.

10,633. July 23, 1888. Treating rhea, China grass, &c. W. HITCHCOCK-SPEACER, Hitchin, Herts.

The material is placed in revoluble cages, made up of radial arms pivoted to collars on a central shaft which is connected with the driving shaft by a clutch. The material packed within the radial bars is held in place by concentric segmental bars. Suitable arrangements are provided for filling, withdrawing, and filtering the treating liquids. The apparatus may be used for ungumming, &c., washing, bleaching, and dyeing. The materials are squeezed to express the liquids by forcing the radial bars together. [8d.] Drawings.

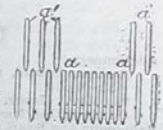
10,634. July 23, 1888. Breaking flax, &c. J. MCK. HORSER, Clonard Foundry, Belfast.

Relates to machines for rolling or breaking flax, hemp, jute, &c. The rollers consist of skeleton hollow drums having longitudinal ribs, which intermesh with those in the other roller without touching. By this arrangement, while the bearings can be fixed, the fibre is not liable to be broken. In a modification the roller is solid, the above advantages being secured by making the ribs specially deep. [8d.] Drawings.

10,653. July 23, 1888. Dyes. C. D. ANEL, 28, Southampton-buildings, London. (The Actien Gesellschaft für Anilin-Fabrikation, Berlin.)

Aceto Dyes.—Brown colouring matters which dye cotton without a mordant are obtained by acting with diazobenzol-sulphonic acid, diazo-naphthalenemono- or disulphonic acid, diazo-acetolol-monosulphonic acid, upon the colouring matter, which is obtained from tetrazodiphenyl, or tetrazoditolyl, salicylic acid, and resorcin. The same colouring matters are obtained if in each case the materials are employed in the following order: An intermediate compound is formed with tetrazodiphenyl or tetrazoditolyl and salicylic acid, and is caused to re-act upon the colouring matter obtained by the combination of resorcin with one of the diazo compounds above mentioned. [6d.]

For making mesh fabrics having designs or patterns upon them, two cams are provided for operating the warp and spool guide bars to bring the threads to the proper position for the jacks to enter between them. Two series of jacquard cards are employed, operating alternately for the formation of the knots on the mesh ground and of the pattern. After the jacks a' have been selected for the mesh ground, the guide bars are shogged in opposite directions to bring the threads into the position shown. The bobbin carriages then pass from back to front, and the jacks a and guide bars return to their original positions. After the second selection of jacks the spool guide bar is shogged 3 or 4 gates and the bobbin carriages return to back. [8d.]



10,811. July 26, 1888. Looms. S. HOLDSWORTH, Western-hill, Durham.

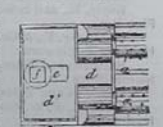
In jacquards of looms for carpets and other figured fabrics, the ordinary needles are acted on by extra needles, which are carried in a plate and are operated by the cards. [8d.] Drawings.

10,815. July 26, 1888. Ring doublers and twisters. H. B. ARNOLD, Bromley-street Works, and W. BROCKLEBANK, 84, Bradford-road, both in Manchester.

When excessive ballooning occurs, the thread is caught and broken by a hook carried by an adjustable longitudinal rail. [8d.] Drawings.

10,828. July 26, 1888. Looms. W. H. E., and J. C. LEPTON, Grange Iron Works, Accrington.

Temple.—To permit of the removal of the temple rollers a from their bearings without entirely removing the pivot cap d, the latter is formed of the shape shown and is arranged to slide in grooves of an extension c of the temple bottom. The cap is preferably of sheet steel or iron, the part d' being slotted at e to receive a set screw f which secures it to the extension c. [8d.]



10,845. July 26, 1888. Dyes. H. H. LAKE, Southampton-buildings, London. (K. Oehler, Offenbach-on-the-Main.)

Relates to the preparation of diazo and tetraazo dyestuffs from the sulpho acids of amido phenols and amido cresols. Consists in first producing diazo combinations of the general form $CaH_3 \cdot OH \cdot SO_3H \cdot HN=NO \cdot H_2 \cdot NH_2$ by diazotising amido-para-phenol-sulpho acid, or amido-ortho cresol-sulpho acid or amido-para cresol-sulpho acid and re-acting therewith upon a-naphthylamine hydrochlorate. The amido-cresol-sulpho acids are obtained by sulphurating ortho- or para-cresol, preparing nitro-sulpho acid thereof by "Viobe's process," and then reducing this product by the usual means to the corresponding amido-sulpho-acid or ortho- or para-cresol. Consists, secondly, in employing the diazo combinations obtained as above as intermediata compounds for the preparation of tetraazo combinations. For this purpose the diazo combinations are again diazotised and caused to re-act upon a solution of R salt, or of the sodium salt of Schaeffer's beta-naphthol-sulpho acid, or of a-naphthol-sulpho acid. [6d.]