

Joint Stock and Financial News.

NEW COMPANIES.

RAWLINS AND SON, LIMITED.

Registered by Chester and Co., 36, Bedford-row, W.C., with a capital of £35,000 in £10 shares. Object, to acquire the business of Rawlins and Son, of Rainhill, dyers, drysalters, etc., in accordance with an agreement made February 14th, between W. C. Rawlins and H. C. Rawlins of the first part, G. W. Rawlins, R. O. Rawlins, and H. J. L. Rawlins of the second part and T. Kelsall on behalf of the company, of the third part, and to develop and extend the same. The first subscribers are:—

- | | |
|--|---|
| Shares. | |
| G. W. Rawlins, Laurel Bank, Rainhill | 1 |
| R. O. Rawlins, Rock Mount, Rainhill | 1 |
| H. J. L. Rawlins, Ardena Craig, Rainhill | 1 |
| J. E. Hawkes, 56, Tower-buildings, Liverpool.. | 1 |
| W. C. Rawlins, 6, Victoria-road, Waterloo ... | 1 |
| H. C. Rawlins, 14, Dale-street, Liverpool | 1 |
| Olivia M. Rawlins, Rock Mount, Rainhill | 1 |

The first directors are G. W. Rawlins J. E. Hawkes, R. O. Rawlins, and H. J. L. Rawlins. Qualification, holding shares. Remuneration, £300 per annum each; first year, £500.

THE BLANEFIELD COMPANY.

Registered in Scotland with a capital of £40,000, divided into 40,000 shares at £1 each. Object, to carry out an agreement between Mr. Anthony Sykes Coubrough, calico printer, Blanehead, Stirlingshire, and in Glasgow and Manchester, of the one part and Mr. James Houston, 194, Buchanan-street, Glasgow, as trustee for the company, for acquiring the business carried on by the Blanehead Printing Company at Blanehead, and in Glasgow and Manchester, of the other part; to carry on the business of calico printers; to utilise, manufacture, use and vend printed calico goods and all other goods of a similar kind, and also the residuary and incidental products derived by the processes of calico printing; to amalgamate with other companies, etc. First subscribers are:—

- | | |
|---|---|
| Shares. | |
| A. S. Coubrough, calico printer, Blanehead, Stirlingshire | 1 |
| J. Coubrough, gentleman, Blanehead, Stirlingshire | 1 |
| G. Readman, advocate, Edinburgh | 1 |
| W. Maclean, writer, Glasgow | 1 |
| A. E. Black, C.A., Glasgow | 1 |
| J. J. Orr, calico printer, 194, Buchanan-street, Glasgow | 1 |
| J. Houston, cashier, 194, Buchanan-street, Glasgow | 1 |

The directors shall be not fewer than three nor more than six. Qualification, 50 fully-paid shares or £500 in debenture bonds. The first are to be Messrs. A. S. Coubrough, John Coubrough, and J. J. Orr.

Gazette News.

RECEIVING ORDERS.

- Willie Smith, Derly-street, and Calder Mills, Colne, manufacturer; Burnley.
 Walter W. Oakey, Radford-road, Nottingham, hosiery manufacturer; Nottingham.
 Edward Wareham and Joseph Hargreaves, Howard Mill, Adelaide-street, Daubhill, Bolton, cotton and cloth manufacturers; Bolton; amended notice.

PARTNERSHIPS DISSOLVED.

- R. Settle and Co., Nottingham, hosiery manufacturers.
 Wregley and Ashton, Burton Dyeworks, Middleton, dyers.

- Samuel Whitworth and James Whitworth, Liley-street Mill, Rochdale, picker makers.
 J. Barrington and H. Morgan, manufacturers, Newtown, Monmouthshire.

- W. T. Windsor and C. M. Booth, grey cloth agents, Mosley-street, Manchester, as W. T. Windsor and Co.
 W. Hunter and J. T. Nisbet, woollen merchants, Newcastle-on-Tyne.

- W., E. J., and J. Hobbs, woollen merchants, Moorlane, London; as regards W. Hobbs.

ADJUDICATIONS.

- Thomas W. H. Biddle and Wm. Spreckley, Southgate-street, Leicester, hosiery manufacturers.

- Walter W. Oakey, Radford-road, Nottingham, hosiery manufacturer.

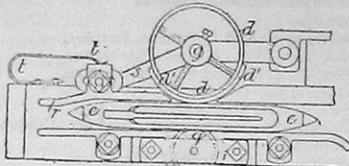
SCOTCH SEQUESTRATION.

- John M'Math Wilson, lace manufacturer and designer, Park View, Newmilns, Ayrshire.

Patents.

ABSTRACTS OF SPECIFICATIONS.

14,495. September 14, 1889. **Looms.** J. THOMPSON, East Bank, Manchester-road, and B. THOMPSON, Syke Mill, both of Haslingden.

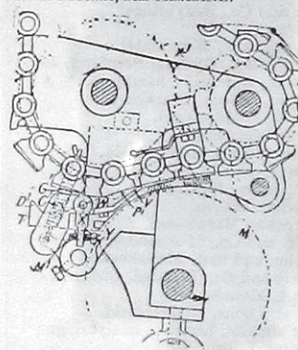


Picking motion.—The shuttle *e* is propelled by the frictional action of a revolving segment or wheel *d* carrying a rubber covering *d'*. The shaft *g* of the segment is carried by the lay, and is driven through pin-wheel and other suitable mechanism from the crank shaft, a spring accelerating the motion at the moment of picking. The upper end of the shaft passes through a lever *a* which carries the swell *r*. The latter is withdrawn from the shuttle when the rubber *d'* begins its driving action, but is pressed in again by the spring *t* when the shuttle is picked. A pulley *g'* acts on the front of the shuttle. The segment may act above or below on the shuttle, and the arrangements may be otherwise modified. 84d.

14,544. September 16, 1889. **Embroidery.** E. DOUGHTY, Fossil-road, Nottingham.

Applying ornamenting threads, in embroidery machines for working single designs or groups of designs. A hollow needle-bar, through which a needle-thread passes, supports a revolvable carrier on which a bobbin of ornamenting thread is placed. The carrier is formed in two parts, which slide together and are connected by a bayonet catch, one part carrying a guide for the ornamenting thread. The other part carries a pinion which engages a perforated endless band supported by two toothed wheels at the ends of the machine; continuous or reciprocating motion of one of the wheels is thus communicated to the carrier and guide. 64d. Drawings.

14,556. September 16, 1889. **Spinning.** R. ISHERWOOD, 258, Ainsworth-road, and J. ISHERWOOD, 204, Ainsworth-road, both of Radcliffe, near Manchester.



Carding engine.—The flats, while being ground, take with their working surfaces over a lever *T*, the end of which rests upon a pivoted cam *Y* which is operated automatically by each flat in succession, so as to depress the lever *T* slightly and cause the flat to be ground at the required inclination. Each flat, as it passes along the lever *T*, engages with a finger *V*, carried by a weighted lever *W*, which is pivoted to the extremity of an arm *X* fixed to the cam *Y*, and rests, by means of the pin *C*₁, on the upper surface of the lever *T*. The lever *W*, is carried forward by the advancing flat, the finger *V* being disengaged therefrom at the proper time either by a projection *P*₁ on the lever *T* or by an incline *D*₁, up which the stud *C* travels, the parts being returned to their original position by a spring *G*₁ or by a weight. *J* is a spring for pressing the flats upon the lever *T*; *M* is the grinding roller, which may be removed if desired, the finger *V* being at the same time depressed out of the path of the flats by means of a screw *M*₁. 64d.

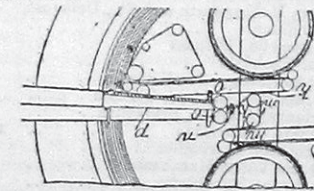
14,638. September 17, 1889. **Spinning, etc.** H. PRIESTMAN, Ashfield Mills, Bradford.

In machines in which the centre lines of the spindles pass through the nip of the delivery rollers, the spindles are driven by the tin roller and over two wharves on each side of the frame, one fixed and the other carried by a weighted bracket. The invention is applicable to flyer, cap, or ring-spindles. 64d. Drawings.

14,673. September 17, 1889. **Combing Machines.** T. KENNEDY, 569, North 25th street, Philadelphia, Pennsylvania, U.S.A.

Pressing fibres in circles.—In place of being dabbled into the circles, as is usual, the fibres are pressed into the teeth of a comb by means of a belt and by a number of blades which take between the rows of teeth and are carried by a forked arm. 64d. Drawings.

14,681. September 17, 1889. **Combing Machines.** D. P. NORRIS, corner of Haverhill and Elm-streets, Methuen, Massachusetts, U.S.A.

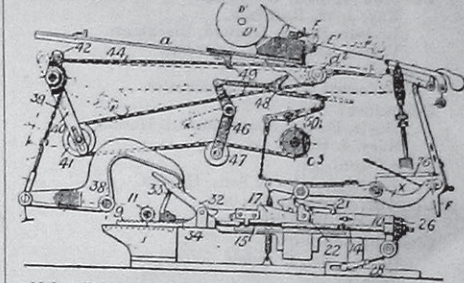


Circular.—The slivers *l*, *h* from opposite sides of the machine are passed over one or both of two guides *m*, *m*₁, adjustably mounted on the bed-plate, and thence into a guide tube *n* at about the same level as the comb circles, and through calender rollers *o* into a delivery tube *A*, which is curved upwards in order to clear the combed circles, the combined sliver being delivered from the machine without any twist. 84d.

14,699. September 18, 1889. **Pressing and Tentoring Fabrics.** G. H. NUSSBY, Boat-lane, and W. B. LEACHMAN, Great Wilson-street, Leeds.

Woollen and other woven or felted fabrics are carried by tentoring chains between a hollow steam roller and plate, the latter of which is raised by hydraulic pressure or other means. The plate is formed in two parts, the edges of which fit together obliquely, so that by moving one part around the roller, by means of a rack and pinion, the width of the plate can be increased or decreased at pleasure. The distance apart of the chains may be altered at the same time by screws and belt gearing. 84d. Drawings.

14,645. September 17, 1889. **Spinning.** W. P. THOMPSON, 6, Lord-street, Liverpool.—(W. Wright, Worcester, Massachusetts, U.S.A.)



Mules.—Relates especially to that class of mules in which the roller beam *D*, having the roving drums *D*₁ and delivery rollers *E*, *E*₁ mounted thereon, is supported upon guides *a* and reciprocated towards and from the spindles, the latter being stationary. The roller beam is operated by chains from the back shaft, which is reciprocated by ropes taking over scrolls which are connected to their shafts as desired by clutch mechanism operated from the cam shaft, the latter being allowed to rotate intermittently by means of escapement mechanism and held stationary when not required to revolve by a star wheel and hand presser. There are five stops or changes in one revolution of the cam shaft. The escapement wheel is loose on the shaft, and is connected with it by a ratchet arrangement, the escapement being actuated through a rocking-shaft carrying fingers operated by the roller beam. The twist wheel is carried by a swinging bracket and is driven at the proper time by being brought into engagement with a worm on an auxiliary shaft, a stud on the face of the wheel operating at the proper time the escapement mechanism. The belt-shipper is arranged to be operated either by hand or automatically from the cam shaft. A tension arrangement for the scroll ropes is provided, consisting of a band stretched by a spring pulley and attached at the ends to drums secured to the respective scrolls. One of these drums may be connected with its scroll by a ratchet arrangement so that the length of the tension strap may be adjusted. The scroll rope is adjustable, its end being secured in a holder, which is loose on the axle of the scroll and engages with the side of the latter by means of ratchet teeth. The delivery rolls are driven by chain gearing brought into action by clutch mechanism, and in order that the entire stretch of twisted yarn may be wound on to the bobbins the sprocket wheel on the end of the lower roller is connected by a ratchet arrangement and chain with a swinging lever, which is operated by the roller beam as the latter approaches the spindles; the rollers are thereby rotated slightly, the ratchet arrangement being returned to its original position by a spring. The winding-on and coping motions are arranged so as to be simultaneously adjusted. The fallers are operated through a lever *X*, one end of which is pressed by a spring upon an adjustable incline *z* hinged to a slide, which is raised and lowered by means of a shaper plate *17* mounted on a screwed part *15* of the shaft *14*; *z* is a cam plate for supporting the end of the coping bar *21* until the cop bottom has been formed. The whole is mounted on a frame *10* reciprocated longitudinally by a rack and pinion arrangement *9*, *11*, the shaft *11* being partially rotated at each reciprocation by a weighted chain *28* fixed at one end to the floor and taking over a pulley *26* which is connected to the shaft *14* by a ratchet arrangement. The winding chain *44*, attached at one end to the winding drum *43*, passes round a pulley *41* on a "quadrant arm" *40*, round an adjustable pulley *42* on the roller beam and thence to an adjustable stud *42* on a "quadrant arm," the boss of the latter being connected by a chain *39* to one end of a lever *38*, the other end of which slides on an incline *25*, supported by a prop *33* which, during the formation of the cop bottom is adjusted by means of a screw on the shaft *14*, the block *34* passing off the screwed part when the cop bottom is completed, and caused to engage with it again when desired by means of a rod passing through it from the shaper plate *17* and carrying on its end an adjustable nut. Modifications of this part of the invention are described. In order that the winding may be firm at the nose of the cop, the winding chain is deflected by means of a pulley *47* which is operated through the levers *46* and *48* by a catch *49* on the roller beam, the lever *48* being supported by a lever *50* connected to the lever *X*. The winding drum is rotated for winding up the chain by means of a hand provided with a tension arrangement which is so adjusted that the drum may slip within the belt when winding the yarn. For "casing in" the roller beam in order to allow of the shortening of the strands duo to twisting, the auxiliary scroll is operated to the required extent by a weighted lever which is operated by a worm wheel raised into engagement with its worm by a cam on the cam shaft. The faller lock *F* is thrown off by means of a vertical lever operated by the roller beam, the escapement mechanism being operated on the locking of the faller, by means of a longitudinal rod *26*. For preventing the counterfaller from rising while backing off, it is connected by a chain with a lever which is engaged by the roller beam so as to hold the chain taut during backing off, and release the same when winding begins. A counter is mounted on the reciprocating roller beam, and consists of a rotating horizontal dial having teeth on its inner face, which are engaged by a worm operated by a ratchet arrangement, the pawl of which passes vertically through the roller beam, and is operated at each stretch by an inclined or cam surface on the guide rail. 18, 104d.

PATENTS.

W. P. THOMPSON & CO.

Agents for procuring Patents and Registering Trade Marks and Designs.
 6, Bank St. (Exchange), Manchester,
 6, Lord St., LIVERPOOL; and 325, High Holborn, LONDON,
 Largest Patent Agency in Great Britain.
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