

Greatest Improvement in Cotton Spinning Since Arkwright's Time!

== THE PATENT METALLIC DRAWING ROLL ==

It is now recognized by practical cotton-mill men at home and abroad, and by scientists and experts, that our PATENT METALLIC DRAWING ROLL strikes so at the very heart of cotton manufacture that no mill can afford to run without it. Indeed the

Patent Metallic Roll is superseding the Old-style Leather-Covered Roll on all Machinery and on Every Process up to the Spinning Frame,

and we shall have it on Spinning in due time. We take pleasure in giving full particulars to all mill men who write us for the same. Correspondence solicited. Let us refer you to mills North and South, perhaps in your own vicinity, where you can

SEE THE METALLIC ROLLS RUNNING

ON

**Railway Heads, Sliver Lap Machines, Drawing Frames,
Comber Draw Box, Slubbers and Speeders, Intermediate
and Roving Frames, Jack Frames or Fly Frames**

TEN STRONG POINTS OF MERIT

1. THE PATENT METALLIC ROLLS are perfectly made, being ground down to extreme accuracy in size; hence we start with and maintain at all times a perfect Roll, working without friction on collars, which will last almost indefinitely.
2. The bite of the Roll is positive, and the draft direct and positive, thus requiring less weight and less power.
3. The Rolls running on collars without friction admit of sufficient space to allow perfect attenuation of the sliver without injury, and possess all the advantages of a leather-covered roll, with none of its disadvantages.
4. The licking up from electricity and sticky weather is entirely overcome.
5. The imperfect or "cut work" arising from imperfectly varnished rolls, or dry rolls, because of lack of oil is entirely eliminated.
6. The cost of roll covering, roll varnishing, delays because of sliver breaking down, licking up, and consequent waste are saved.
7. The product is increased and quality improved. On railways and drawing, product is increased 25 to 35 per cent.
8. Considerable more leaf and dirt are extracted from the sliver.
9. The saving in roll covering is such that on roving frames, where anything like careful attention is paid to keeping the covers in good shape, the full cost of the metallic system will be saved in a few years.
10. The quality of the product is much superior, producing yarn of greater evenness and strength.

THE PATENT METALLIC ROLL IS INDISPENSABLE FOR

**Fine or Coarse Mills. White or Colored Work.
Long or Short Staple. Clean or Dirty Cotton.**

ADAPTED TO ANY MACHINE. The PATENT METALLIC ROLL is furnished for any make of the various machines above enumerated now in use.

FOR OLD MACHINERY, drawing frames, railway heads, slubbers, etc., we make a specialty of the Patent Metallic Roll. With this Roll much machinery of this class can be run with profit for years, which otherwise would have to be thrown out. The particulars we require for filling orders for old machinery are very simple, and there is no difficulty whatever in equipping such machines with the Patent Metallic Roll to the perfect satisfaction of mill managers. We do a very large business in equipping old machinery.

FOR NEW MACHINERY, the PATENT METALLIC ROLL is usually ordered through the builders of such machinery. All the leading builders and importers of the classes of machines named are agents for the Patent Metallic Roll, and we have furnished and are furnishing them with Metallic Rolls for many of their frames. In fact, now machinery that is ordered without Metallic Rolls is now the exception. No one can afford to buy new machinery without this system, as the increased cost is earned many times over.

WE INVITE CORRESPONDENCE from all interested, whether owner, agent, treasurer, manager, superintendent or carder. It is a pleasure to send catalogue, calendar, memorandum book, etc., to our patrons.

ADDRESS ALL COMMUNICATIONS TO . . .

The Metallic Drawing Roll Co.,

Sole Patentees, Exclusive Owners and Only Manufacturers.

INDIAN ORCHARD, MASS.