

fully affected by those rays for which it possesses the strongest absorption. It thus follows that the kind of light which causes the most fading will depend upon the nature of the dyestuffs; thus picric acid fades most under violet light, because it is the violet rays that it absorbs, while Victoria blue and diamine sky blue fade when exposed to orange light, but will not fade when exposed to blue light, because it is orange light that they absorb, while blue light remains unabsorbed. *Malachite green exposed to red light fades.*" This is a very interesting point in the fading of colors, and one that will bear further amplification, and we should like to see Mr. Dufton pursue the matter further. It is a well known fact that deep shades of dyestuff are much faster to light than light shades, this is probably because the light in passing through the uppermost portions of a dyed fabric is robbed of those rays which act upon the color, and so the undermost portions of the fabric are protected. Then, again, in dyeing shades with two colors, one a fugitive and the other fast, if both of these colors have the same absorbing influence on light, the fast color will protect the fugitive color, if, however, they are of different characters, then the presence of the fast color will have no retarding influence on the fugitive color. We recommend our readers to study Mr. Dufton's paper for themselves.

### ONE HUNDRED YEARS AGO.

Every gentleman wore a queue and powdered his hair  
Imprisonment for debt was a common practice.

There was only one hat factory in America, and that made  
cocked hats.

A day laborer considered himself well paid with two shillings  
a day.

Crockery plates were objected to because they dulled the  
knives.

A gentleman bowing to a lady always scraped his foot on the  
ground.

The whipping-post and pillory were still standing in Boston  
and New York.

Buttons were scarce and expensive, and the trousers were  
fastened with pegs or laces.

There were no textile manufactures in Canada, and every  
housewife raised her own flax and made her own linen.

Leather breeches, a checked shirt, a red flannel jacket, and a  
cocked hat formed the dress of an artisan.

A new arrival in jail was set upon by his fellow prisoners and  
robbed of everything he had.

There were, of course, no railways, and only one stage line  
between Canada and the United States, and that went to Quebec.

Bear skins and buffalo robes were common bed coverings.  
Quilted comforts were a luxury.

Gloves were not worn either for style or for comfort. Mittens  
of yarn were worn in winter.

Cravats were unknown, their places being supplied by huge  
stocks that reached from the shoulders to the ears.

THE report of J. and P. Coats, the English thread corporation, has been issued. The figures show that the net profits for the year, after carrying the sum of £49,352 6s. 5d. to depreciation account, amounted to £547,518 7s. 1d. This, with £36,066 3s. 5d. brought from last year, makes a total of £583,584 10s. 6d.; and after deducting balance of income tax, debenture interest, and interim dividends on preference and ordinary shares, amounting in all to £225,615 1s. 6d., there remains a balance of £357,969 9s. This was dealt with as follows: To reserve fund, £150,000; dividend for the half-year, at the rate of 6 per cent. per annum on preference shares, £60,000; dividend for the half year of 6 per cent., making 10 per cent. for the year, on the ordinary shares, £105,000; leaving a balance to be carried forward of £42,969 9s., which is subject to auditors' fees and bonus to employees. The profits of certain companies in which this company is interested were not declared at June 29th. The company's proportion of such profits earned, but not included in above figures, is estimated to amount to about the same sum as last year.

EXPLOSIONS in flour mills, made possible by the presence of exceedingly fine dust, and sometimes completely wrecking the building, have been heard of again and again. But a similar "dust explosion" in a "shoddy" factory in Berlin, Germany, opens a new chapter.

## JUDICIAL SALE

—OF VALUABLE—

## WATER POWER, WOOLEN MILL & MACHINERY

In the TOWN OF ALMONTE, Ontario.

IN THE HIGH COURT OF JUSTICE, CHANCERY DIVISION.

Re BAIRD, CANNON v. BAIRD and CANNON v. BAIRD.

PURSUANT to judgments herein, tenders will be received by R. B. MATHESON, Esquire, Master at Ottawa, at his office in the Court House, Ottawa, Ontario, up to and inclusive of the 26th day of October next, for

The Woolen Mill and Water Power connected therewith, and the following Woolen Manufacturing Machinery for a two-set Mill situate in the Town of Almonte, viz.:—1 Wool Picker, 1 Duster and Burr Picker, 1 English set of Cards, 1 American set of Cards, 1 Card Grinder, 1 pair Spinning Mules, 1 Warper and Beamer, 2 Spoolers, 13 Crompton Looms, 1 Twister, 1 Fulling Mill, 1 Washer, 1 English Shear, 1 American Shear, 1 Hand Press, 1 Cloth Winder, 1 Hydro Extractor, 1 American Gig, 1 Canadian Gig, 1 Cloth Press, 3 Dye Tubs, 1 Boiler, 1 Office Safe, 1 Wool Dyer, 2 Pans, 1 Dynamo and Lamp, 1 Brusher, 1 Turning Lathe, Tools, Belts, 150 Reeds, 150 Harness and Frames, 1 Loom, 1 Hank Winder.

The Machinery is in good working order.

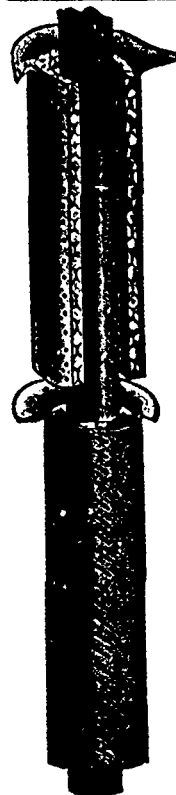
The whole are offered for sale in one parcel.

Tenders will be opened and considered on the 28th day of October next, and the Master shall not be bound to accept the highest or any tender.

TERMS.—Ten per cent. in cash on acceptance of tender, and the balance within one month thereafter. For other particulars and conditions of sale apply to GILBERT CANNON, Esq., Almonte, or Messrs. GRIMMILL & MAY, Vendor's Solicitors, Ottawa.

R. B. MATHESON.  
Master at Ottawa.

Ottawa, 9th October, 1895.



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