

IS COMING.

and Girl in Fredericton that wishes to im-
muring the long winter months, to ask their
oods Merchant for one of our

ING BOOKS,
will be furnished free of charge.

USE BELDING'S
alled Spool Silk,
a Treasure in that one name.
L & CO., Is on the End of every Spool.

BARGAINS
READY-MADE.

The Subscribers are constantly receiving New Goods
direct from the manufacturers, which they are offering at
remarkably low prices. Read the following :

Men's hand custom Boots, - - \$3.50;
" Canadian Clump Sole, - - 2.00;
Boys' Strong Boots " - - 1.60;
Youths' " " - - 1.25;
Women's Prunella Elastic Sides, 50.

LUCY & CO.
Fredericton, Oct. 18, 1885.

LAURANCE'S
Spectacles and
Eye-Glasses
AT A BARGAIN.

I have a lot of LAURANCE'S BEST ENGLISH GLASSES,
both in Glass and Pebbles, which I will sell at 20 per cent.
LESS THAN COST. This is a rare chance to secure a first-
class article at a LOW PRICE.

GEO. H. DAVIS.
Cor. Queen and Regent Streets, Fredericton, N. B.
Fredericton, Oct. 13, 1887

NEW STORE,
Corner King and Westmorland Streets.
I beg to thank my many customers for past patronage, and
to inform them that I am
Back at the Old Stand,
WHERE WITH UNEXCELLED FACILITIES, AND
Choice Fresh stock,
I am better able than ever to supply their wants. I shall always aim to keep
THE BEST AND THEREFORE THE CHEAPEST
Goods, and cordially invite all my OLD customers to call, and each one to bring or send
as many NEW customers as possible, and so

The Nicest Grocery in Fredericton

J. W. TABOR
Fredericton, N. B. Oct.

212 Just Arrived. 212

DRESS GOODS,
CLOTHS, YARNS,
FLANNELS,
CARDIGANS,
TOP SHIRTS.
JOHN HASLIN.
Fredericton Aug. 9, 1885.

WILEY'S DRUG STORE

Sturgeon Oil Liniment,
Wilson's Pills,
Wilson's Cherry Balsam,
Fellows' Dyspepsia Bitters,
Porous Plasters,
Bellcapsic Plasters,
Court Plasters,
Surgeons' Plasters,
Corn Plasters.

JOHN M. WILEY, 196 Queen St
Fredericton, Oct. 18th, 1885.

Machine That Makes a Straight Grain Appear Variegated.

A recent product of inventive talent is working a big change in the manufacture of veneering. The manufacture of veneering is a pretty big business in this part of the world, too. There are twenty-three factories in New York and Brooklyn, and a stack of logs big enough to blockade Broadway three deep or more is shaved up every day into ribbons that are sometimes seven feet wide and a thousand long, and most beautifully figured. The object in making veneer, of course, is to give a piece of furniture or a hallway or a room the beauty of expensive woods in a cheap article. The more wavy and variegated the grain of a log is, the more it twists and curls and runs hither and yon, the more valuable it is for veneering. For this reason no end of stumps have been cut up into ribbons, not to mention knots and burls.

However, the supply of logs with intricate grain and even of good stumps—for not every stump can be used for veneering—is limited. The veneer making firms have penetrated even the forested forests of the country in search of suitable timber, and the competition for trees of a twist grain has brought the price up so high as to make the business unreasonably low. Trees have been known to bring as high as \$500 each, though it makes the veneer man groan to pay half that sum.

Meantime, while the buying agents are been camping out in all sorts of uncomfortable wildernesses looking for fancy timber, a few men have been trying to devise plans by which genuine grained veneering can be made from plain grained wood. They do not think they have obtained perfection yet in the matter. What they have done is to make the product of a log of plain grain sell for just four and a half times as much as it did, say year ago.

To understand the new process one must first know what the old one was, that was simple enough. A log peeled at long or less and of almost any diameter above seven inches, excluding an inch, had its bark clipped off with an axe and was then skinned with a lancet made for the purpose. In the morning it was ready to be fastened into a half lathe and a knife as long as the longest log used—seven feet—was kept pressed against the log so as to cut off a shaving or ribbon about one-thirtieth of an inch thick as the log revolved toward it. No men rolled up the ribbon and carried it away as it was turned out. Of course the knife had to be set parallel with the axis of the log or the wood could not all be cut up, and so if the grain of the wood was straight, the ribbon could not have a variegated appearance; even had the log, straight as a die, been cut at an angle the product would have had no value over plain grain, but it was in considering the possibilities of cutting at an angle that the new process was hit on.

The inventor noticed that the growth of two different years in a tree had exactly the same color and grain, even when the log was perfectly straight.

Suppose a knife were made that would strip off a ribbon that dipped in and out through the growth of say two years on a log. Certainly the ribbon would have two kinds of grain and two kinds of color. To get the ribbon the inventor made a knife with a wavy edge. The waves were a quarter of an inch high. However, this did not produce sufficient variety in the grain of the ribbon to suit the interior, and he added to it by giving it an oscillating movement in the direction of the length of the log with a cam of a half inch stroke. Now, the log revolved against the knife a dozen was cut which contained concentric waves that zigzagged up and down in the direction of the length of the log, and exposed a grain not only variegated in color by the varying depths to which the knife cut, but which was at the same time very irregular in its appearance. The variations in the color even of a plain ash walnut log were remarkable and beautiful.

There was one objection to the veneering, and that was it did not lie very flat on the surface to which it was to be glued. This was remedied, however, by sticking up the ribbon in a pneumatic press that squeezed it with pressure of forty tons to the square inch. It came out of that press flat. At present three kinds of knives are used in these machines. There is no telling what new forms of knives will be invented. The machine itself is but little more expensive than the style, but a knife costs several dollars as much. Besides, when a knife is dull, a man has to labor over it with emery wheels for just a month to get it in order again.—New York Sun.

A Violin Player's Dream.

Let me tell you what I am thinking about—the phonograph, as it will be called one of these days. Say that London has a Steiner or a Guarneri for sale and somebody here wants to buy it. A dealer has been so far able to show what it looked like, the quality, except description, but he will have to do next will be to have his violin record on a gramophone on the phonograph. He sends by mail the phonographic cylinder. You grind it off on a machine, and there you are. We shall then be able to compare tones, and there will be a better appreciation of what is actual coloring. It will be like a man who manufactures of a certain cloth and who sends you by mail a sample of his peculiar pattern.—New York Times.

An Ingenious Poison Stopper.

An ingenious stopper has lately been patented for use in bottles containing poisons. The stopper is made of India rubber and is mounted by a perpendicular ball of India rubber brevity bored so as to render it distinctive in color, and containing a ball which descends when the bottle is moved, thus drawing attention to the character of the contents, even though it be impossible to see the label. Such a warning stopper would have rendered impossible many of the accidents which have taken place from time to time, notably a few months ago, when a distinguished surgeon lost his life owing to a mistake as to a bottle containing poisonous medicine.—Cassell's Family Gazette.

Loss of Different Members.

A table prepared for a workman's society in Leipzig represents that a loss of different members of the body reduces the capacity to gain a living in following proportions: Loss of arm, 100 per cent.; loss of hand or foot, 100 per cent.; loss of right hand, 40 per cent.; loss of right thumb, 32 1/2 per cent.; of one eye, 22 per cent.; of left thumb or eye, 2 per cent.; of left finger, 16 per cent.; of any eye, 2 per cent.—Brooklyn Eagle.

European Troops In India.

The total number of European troops in British India in 1886 was 61,015. The average death rate per 1,000 was 13.18. In the province of Bengal there were 20,000 men, and the death rate was 15.5. In the province of Madras there were 11,000, and the death rate 16.3. In the province of Bombay 11,000, death rate 10.0. The number of native troops was 100,010, and the death rate was 10.0 per 1,000.—Chicago Herald.

