

THE recent losses by fire in the cargo of ships carrying cotton has shown that cotton-seed oil, when held in the cotton on the outside of the bale, rapidly oxidizes and generates spontaneous combustion.

"JAPAN WAX," as it is called, is obtained from the tree, the *rhus succedanea*, which grows in Japan, China, and the East Indies. The Japanese call it haje, or haze. The wax is formed in the middle of the berry, between the skin and the seed, like the pulp of a grape. It is extracted by boiling the berries in water and allowing it to cool, when the wax separates from the skin and seed, sinking to the bottom of the vessel in a solid cake.

ONE of the modern ideas in the economical use of steam power is the use of a number of small engines located at various points in a large shop, instead of a single engine of sufficient power to drive all the machinery. Professor Coleman Sellers asserts that with the best shafting that can be made hardly one-half of the power generated by the engine reaches the machines when distributed by means of long shafts. So great is the friction that a shaft two miles long could not be turned by any amount of power applied at one end, as the shaft would be twisted off before it would turn. In the new shops of the Pennsylvania Railroad at Altoona and Walls Station this idea of subdividing power has been admirably carried out. In the Altoona shops there are seventeen small engines, ranging from five to eighty horse-power, and there are five engines in the Walls shops. The same idea has also been carried out at the Newport News shipyards. Another application of the same principle is shown in the use of independent engines for driving heavy pieces of machinery, many large machines being now constructed with engines attached.

It is dangerous to neglect catarrh, for it leads to bronchitis and consumption. Hood's Sarsaparilla cures catarrh in all forms.

A RECENT invention in coverings for electric conductors is one in which provision is made to retain air or gas within the protective covering to increase the static capacity.

CATARRH

In the head
Is a constitutional
Disease, and requires
A constitutional remedy
Like Hood's Sarsaparilla,
Which purifies the blood.
Makes the weak strong,
Restores health.
Try it now.

DR. T. A. SLOCUM'S

OXYGENIZED EMULSION OF PURE COD LIVER OIL. If you have Asthma—Use it. For sale by all druggists. 35 cents per bottle.

"German Syrup"

Here is something from Mr. Frank A. Hale, proprietor of the De Witt House, Lewiston, and the Tontine Hotel, Brunswick, Me. Hotel men meet the world as it comes and goes, and are not slow in sizing people and things up for what they are worth. He says that he has lost a father and several brothers and sisters from Pulmonary Consumption, and is himself frequently troubled with colds, and he Hereditary often coughs enough to make him sick at Consumption his stomach. Whenever he has taken a cold of this kind he uses Boschee's German Syrup, and it cures him every time. Here is a man who knows the full danger of lung troubles, and would therefore be most particular as to the medicine he used. What is his opinion? Listen! "I use nothing but Boschee's German Syrup, and have advised, I presume, more than a hundred different persons to take it. They agree with me that it is the best cough syrup in the market."

THE MIRACLE CITY.

A NEW NAME SUGGESTED FOR HAMILTON.

Another Remarkable Case Which Would Indicate that the Name Would be Quite Appropriate.

The number of remarkable cures occurring in Hamilton is causing general comment throughout the country. To those who know the inside facts there is not the least cause for wonderment. The remarkable cure of Mr. John Marshall who was known to almost every citizen in Hamilton gave the Pink Pills an enormous sale in the city, one retail druggist alone selling 2,880 boxes in the past six months. People whose cases had been considered hopeless as was Mr. Marshall's, took hope from his cure, persisted in the use of the pills, with equally wonderful results in their case. And what is happening in Hamilton in the way of remarkable cures, is happening in all parts of the Dominion, and every day adds to the pile of grateful testimonials which the proprietors of Dr. Williams' Pink Pills are receiving. Last week the Hamilton Times investigated two more cases, the result of which is told in the following article in the issue of Nov. 7th:—

The account of Mr. John Marshall's wonderful cure, after suffering for years with locomotor ataxy naturally brought to light several other cases of almost equally miraculous cures in this city. Among the many citizens who profited by Mr. Marshall's experience and who have been troubled for many years with the same affliction was Mr. William Webster. For a long time he was in the flour and feed business in the Market Square, and for over ten years while in his office he was compelled to remain in a reclining position on a couch, covered with heavy buffalo robes winter and summer. It was with difficulty that he could make his way, even with the aid of crutches, to his residence, but a short distance from the store. He attributes his trouble to constant exposure at the open door of his store, carrying heavy bags of grain in and out, and when overheated and perspiring sitting over an open cellar-way in order to cool off. About a year and a half ago he found it necessary to give up his business, owing to the fact that he was becoming utterly helpless from his terrible disease. In June last, on hearing of Mr. Marshall's case, he began to take that well-known remedy, Dr. Williams' Pink Pills, and has been greatly benefited thereby.

Mr. Webster was seen by a Times reporter at his residence, Macnab street, Saturday afternoon, and was not at all loath to speak about his case. "With the exception of this trouble with my legs," he said, "I have never been sick a day since I was 17 years old, and now I am 55. This locomotor ataxy is a terrible disease. For years my legs have seemed as though they belong to someone else. As I have lain asleep on a winter night, one leg has fallen out of the bed, and when I would awaken with the cold I would have to feel around with my hand before I could tell which leg was out of bed. If I were to try to place my foot on a spot on the carpet within easy reach I could no more do it than fly. The pain at times has been terrible. I have lain awake night after night, week after week, alternately grasping each foot in my agony as the sharp pains like knife-stabs shot through various parts of my anatomy. When I was first attacked with pains in my feet some 12 years ago I tried several physicians but could get no relief. Paralysis then set in and I immediately consulted a well-known specialist in Buffalo, who told me that I was suffering from locomotor ataxy and could not get better. I came home again, and on the advice of friends tried several hot springs, but with no effect, except, perhaps, to aggravate my complaint. I finally became discouraged and after two years' doctoring, I underwent an operation. I was placed under chloroform; a gash two inches and a half in depth was made in the side of each leg near the hip, and the doctors put their fingers in the gash and stretched the sciatic nerves in the vain hope that such would give me relief. Since then, now over ten years ago, until June last, I took no medicine whatever, and, retiring from business, became so helpless that I could not

walk a step without my crutches, and sometimes the pain was something awful. About June, however, I got some of Dr. Williams' Pink Pills and after using the first box felt such a beneficial effect from them that I continued to use them ever since with the result that the terrible pains I used to suffer from have vanished, and, with the exception of a gentle little dart at rare intervals, I might never know I had ever suffered with them. Since using the pills I get to sleep early and sleep as soundly and peacefully as a baby all night through. I can also walk a dozen steps or so without my crutches." And to illustrate, the old gentleman got up and walked across the room and back again to his seat alongside the reporter. "Now I couldn't do that at all before last June," continued he, "and the pills are certainly the pleasantest medicine to take that I ever tried. I would advise any one who is troubled with an affliction any way similar to mine, or who is suffering from any nervous disease, to try Dr. Williams' Pink Pills."

THEY SELL RAPIDLY.

Mr. J. A. Barr, the well-known Hamilton druggist, says that the demand for Pink Pills is something astonishing. Last winter he purchased one dozen boxes. This was his first order. Since then he has sold 2,880 boxes of the pills, and every day the demand is increasing. He sells at least two dozen per day. The same story comes from other druggists in Hamilton.

The other day Mrs. Martin, of Ferguson Avenue, Hamilton, Ont., called at Mr. John A. Barr's drug establishment and asked for a box of Pink Pills. She had a little girl with her in a perambulator, and while the mother was in the store the child climbed out over the side of the carriage. The mother laughed over the incident and remarked: "If it were not for Pink Pills my baby would never have been able to do that." To those in the drug store Mrs. Martin narrated the wonderful cure which had been effected by Pink Pills in the cure of her infant. When about a year old the baby became paralyzed, and the anxious parents consulted the best doctors in the city, but their treatment was of no avail. The little one was not able to move hand or foot, and for a time the case was considered a hopeless one. Seeing an advertisement in the Hamilton Times, of the wonderful cures being effected by Dr. Williams' Pink Pills, Mrs. Martin procured a box and before the youngster had taken all it contained, a marked improvement in her condition was noticed. The paralysis disappeared and the little one's appetite returned. The parents' hearts were delighted with the result. It was while buying the second box that the child scrambled out of the carriage on to the sidewalk. The mother told Mr. Barr that the paralysis had resulted from teething. A representative of the Times who investigated the case discovered that the little girl is now walking around in the best of health.

The proprietors of Dr. Williams' Pink Pills state that they are not a patent medicine but a scientific preparation used successfully for many years in the private practice of a physician of high standing. They are given to the public as an unfailing blood builder and nerve restorer, curing all forms of weakness arising from a watery condition of the blood or shattered nerves, two fruitful causes of almost every ill that flesh is heir to. These pills are also a specific for the troubles peculiar to females, such as suppressions, all forms of weakness, chronic constipation, bearing down pains, etc., and, in the case of men, will give speedy relief and effect a permanent cure in all cases arising from mental worry, overwork, or excesses of whatever nature. The pills are sold by all dealers, or will be sent post paid on receipt of price, (50 cents a box—they are never sold in bulk or by the 100) by addressing the Dr. Williams' Medicine Co., Brockville, Ont., or Morristown, N. Y.

C. C. RICHARDS & CO.

Gents.—My daughter had a severe cold and injured her spine so she could not walk, and suffered very much. I called in our family physician; he pronounced it inflammation of the spine and recommended MINARD'S LINIMENT to be used freely. 3 bottles cured her. I have used your MINARD'S LINIMENT for a broken breast; it reduced the inflammation and cured me in 10 days. Hantsport. MRS. N. SILVER.

THE flesh-coloured, hydrated manganese sulphide, which is obtained by the addition of ammonium sulphide to a solution of manganize chloride, on standing, or more rapidly on boiling with water, changes colour to green. This green sulphide when washed and dried yields a powder of the same colour, which is also unstable, being oxidized by mere exposure to air. It is, however, according to P. D. Clermont and H. Guot (*Mining and Engineering Journ.*) rendered permanent by removing its water of hydration, which is effected by heating it moderately in a current of hydrogen sulphide, carbon dioxide, or ammonia. Thus prepared it is suitable for application in paper staining, etc.—*Science*.

If You Wish

To overcome that extreme Tired Feeling, or to build up your appetite and purify your blood, take

Hood's Sarsaparilla

Possessing the best known vegetable tonic and alternative properties, it builds up in a perfectly natural way all the weakened parts, purifies and promotes healthy circulation of the blood, and makes you feel real hungry.

For the Blood.

"Toronto, April 18, 1891.

"Having tried Hood's Sarsaparilla I wish to state that I have found it excellent. I have used about 4 bottles and have proved the virtue of it for the blood and appetite. I have found no equal to it and cheerfully recommend it to others." F. LOACH, Engineer for W. H. Banfield, No. 80 Wellington St. West, Toronto.

Believes it Unsurpassed.

"Toronto, April 17, 1891.

"From my own experience and from the experience of others to whom I have recommended Hood's Sarsaparilla, I have proved be one of the best blood purifiers and Spring medicines extant. I believe

Hood's Sarsaparilla

to be unsurpassed by any other remedy on the market." D. L. JONES, 345 College Street, Toronto.

DR. L. WEBSTER FOX is of opinion, says *Nature*, that savage races possess the perception of colour to a greater degree than do civilized races. In a lecture lately delivered before the Franklin Institute, Philadelphia, he stated that he had just concluded an examination of 250 Indian children, of whom 100 were boys. Had he selected 100 white boys from various parts of the United States he would have found at least five of them colour-blind; among the Indian boys he did not discover a single case of colour-blindness. Some years ago he examined 250 Indian boys, and found two colour-blind, a very low percentage when compared with the whites. Among the Indian girls he did not find any. Considering that only two females in every 1,000 among whites are colour-blind, he does not think it surprising that he did not find any examples among the Indian girls.—*Science*.



DUNN'S FRUIT SALINE makes a delicious Cooling Beverage, especially Cleanses the throat, preventing disease. It imparts Freshness and Vigour, and is a quick relief for Bilioussness, Sea-Sickness, etc.

BY ALL CHEMISTS.

DRESS CUTTING.



THE NEW TAILOR SYSTEM
The Leading System
of the Day.

Dr. J. A. Carter on material. Perfectly entire range of work, easy to learn, can be taught thoroughly by mail. Satisfaction guaranteed. Inducements to agents. Send for illustrated circular.

J. & A. CARTER, PRACTICAL DRESSMAKERS, ETC.,
372 Yonge St., Toronto.
Beware of models and machines.

Minard's Liniment for Rheumatism.

Minard's Liniment Cures Diphtheria.