### VACUUM OII

Makes Machinery Run smoothly and cheaply. Seves wear and tear and fuel. Made by the Vacuum Oil Co., under

\*\*\* FARMERS \*\*\* Insist upon your dealer furnishing Vac-num American Pulp. Take no other.

Capadian Office and Works VACUUM OIL CO. -50 Repla-ade Rast Toronto

Blood, Skin Diseases	Consult	Nervous Weak
	Us Free	Men

NO INCURABLE CASES TAKEN Our record of thousands of eures should be sufficient guarantee; no matter how long you have been suffiring, or who has pronounced your case incurable, our New German Method will cure you, so call and see us. Consultation, examination FREF. We employ no students to practice on you; each time you call you are treat d by Dr. Goldberg personally. He has 18 DIPLOMAS

#### PAY WHEN CURED

So you run no risk, as we recept no incurable case for treatment. Positively no mercury or

Ninety per cent, of you have viciated the laws of nature, and are now resping the benefit of it; you are not the man you should be? If you are reeling tired and overworked, nervous, irritable, weak back, you know the cause? Con-ult us privately before it is too late, as we can quarantee rou a complete cure by OUR NEW GERMAM (ETHOD.

### STRICTURE and VARICOCELE

Thousands are troubled with this disease an Thousands are troubled with this disease and do not knew it. If you are ir coubt as to whether you have one or both, call and see us and we will examine you free of the re; if you cannot call write us for question blank, as we can cure you with our NeW GERMAN METSOD at home as well as at our office. We have curred numberless of patients suffering from the above troubles at home when we never saw; every case

KIDNEY AND BLADDER es, rainful and frequent u or strin, s in urine, weak and aching back succumb to our NEW GERMAN SYSTEM of SKIN DISEASES

Syphillis, copper colored patches, eczema, dry and moist tetter, scrofula, psoziasis, granulated eyelius, scalp cisea-es, pinp es, all forms of itch ing diseases succumb to our German bethed of treatment in short time. Positively NO MERCURY USEL:

WE CURE

all chronic, private, nervous, delicate, blood, skin kidney, liver, b adier, stomach, female and send for Symptom Blank for home Hours-9 to 8 : Sundays, 10 to 3.

DR. GOLDBERG & CO. 291 Woodward Ave., Detroit.

# Eggs for Hatching

From Barred Plymouth Rocks, and Black Minorcas, all from the best relevad stora, good healthy birds Received first prize at the Peninsuiar Exhibition for Leaviest eggs.
Price for setting of 13 eggs \$1, pecias All orders promptly filled.

W. W Everitt.

### SAUGEEN

MAGNETIC MINEREL WATER-Southampton.

Is highly recommended by Prof. Pyne. Dominion Analyst, Toronto, for persons suffering from either rheumatic taints of constitution, or habits of constipation. It is a most palatable table water, and is absolutely pure. Recommended by leading physicians. A trial will convince you that it has merit of a high order. For sale by Central Drug Store and F. A. Robert.

### KRAUSE CONSERVATORY MUSIC

### Winter Term

BEGINS FRIDAY, NOVEMBER 10TH HARMONY CLASSES

Meet in Studio No. 3. on Monday's at 5 p.m. SENIOR THEORY CLASSES On Thursday's at 5,30 p.m. JUNIOR THEORY CLASSES

On Thursday's at 5 p.m. PRFE to Conservatory Students.

R. VICTOR CARTER, . Musical Director.



CHATHAM GAS CO., LIN ITED

#### MAKING FORTUNES.

CELLULOSE AND SMOKELESS POWDER FROM THE HUMBLE.

One Man Has Demonstrated That There Are Millions in What Heretofore Has Gone to Waste-Mark W. Marsden is the Farmers Friend. Over 250,000,000 tons of cornstalks

are grown in the United States every year, the acreage averaging 125,000,-000 and the yield abut two tons to the acre. Of this immense weight twothirds, or more than 160,000,000 tons, has heretofore been regarded as sheer waste and litter, less than one-third of the total weight of the stalks being serviceable as fodder for cattle. This waste matter has been a serious trouble to farmers for a long time, not because of an understood loss of revenue by it, but simply because of the necessity of getting rid of it, by burning or otherwise, in order to free the soil of an incumbrance. Science has demonstrated now that this so-called waste has value all its own, and, reckoned at its present market price, it is now known that the farmers of the country have been throwing away or burning up and otherwise destroying \$900,-000,000 a year for two decades at least, or eighteen billions of dollars! It is a safe estimate that twice that enormous sum has been allowed to go to waste in cornstalks in this country alone in the present century. For cornstalks to-day are quoted at \$6 a ton, which is the price paid for them by a company that is grinding them up in one factory in Kentucky and another factory in Illinois, and which expects within a few years to have other factories in all the great corn

This company was organized by a man who discovered that cellulose could be manufactured out of this waste of cornstalks. Now cellulose is being used for a lining for our battlechips and cruisers, to serve as an autematic leak stopper whenever these versels may be penetrated by an enemy's shot below the water line. The rush of water following the passage of a shell or solid shot would cause the cellulose packing behind the armor to swell until it had choked the leak completely and effectually. The value of cellulose has been known for some years, and its efficacy was shown in the war between China and Japan at the naval battle of the Yalu, when the Chinese cruisers, which lacked it, were sunk, and the two Japanese cruisers, Matsushima and Itsukushima, which were protected by it, remained afloat, although several times perforated below the water line. That cellulose was made out of cocoa fibre, and it took a Yankee to discover that a better and cheaper article could be made out of the pith of cornstalks. It is hard to get cocoa fibre, and it isn't which isn't at all likely.

belts in the country.

This friend of the farmer is Mark W. Marsden, and he hails from Philadelphia. His company already has factories in operation in Owensboro, Ky., and in Rockford, Ill., and he has been paying \$6 a ton for all the cornstalks the farmers of those sections can furnish to him. Mr. Marsden has a contract to supply the Government with cellulose for a number of new warships, some now building and others yet to be built. Among the former are the Kearsage and the Kentucky. Mr. Marsden's process is protected by patents, and the Government pays him \$400 a ton for all the cellulose he can turn out.

Whether he has a good thing in this contract may be judged by these facts: He gets 150 pounds of cellulose out of a ton of cornstalks, consequently it takes about fifteen tons of stalks to make a ton of cellulose. Then he has a by-product of fourteen short tons of ground cornstalks, and this is sweetened with molasses and pressed into bricks and sold as condensed foodstuff for cattle, and tests made upon Government stations show that it is as nutritive as the best mill-feed. The process of treating the cornstalks is almost automatic. The stuff is fed into the machinery by hand, and thereafter It is cut, ground, separated, winnowed and served out in its separate parts by machinery alone. Now, the stalks cost him \$6 s on put on the ground, or \$90 for enough stalks to produce a ton of cellulose, for which he receives \$400. He also has his fourteen tons of millfeed, for which he receives \$70. So making a liberal allowance for running expenses, he is only earning about 500 per cent. Out of this, of course, is to be deducted the interest on the capital invested in machinery, which is of many hundred tons' daily capacity. At this rate he should be able in short order to build those other factories, and spread joy throughout all the corn-belts in the country.

Not only Uncle Sam, but the maritime nations of the world are interested in Mr. Marsden and his manufactures. The Russian government has ordered 900 tons of callulose from him, and the English, Italian, German and Spanish governments are investigating

the claims of his concern. Mr. Marsden has discovere ' another use for the pith of the corr talk that insures to him a market . r it for many years to come. He finds that it supplies a better base for the manufacture of smokeless powder and dy-namite than anything yet tried. He bes just organized another company to handle and dispose of his output of smokeless powder.

beautifying soap in the world, as well as purest and sweetest for toilet, bath, and parsets and sweetest for toffee, path, and nursery. It is the only preventive of pim-ples, blackheads, red, rough, and oily skin, red, rough hands with shapeless nails, dry, thin, and falling hair, and simple baby blemishes. It is so because it strikes at the cause of most complexional disfigurations, viz., THE CLOGGED, IRRITATED, INFLAMED, OVERWORKED, OR SLUGGISH

My face was covered with a pimply, rup-tured, and itching skin. After using CUII-CURA SOAP for six weeks my skiu made a remarkable change, allethe pimples went away, my skin getting as soft as velvet. H. CROME, 223 Meirose St., Chicago, Ill.

I was troubled with pimples, especially on the chin and forehead. I tried several home remedies, but as they proved to be of no value, I decided to use CUTCURA SOAP, and in six weeks I was entirely rid of them. HENRY P. DAHLKE, 6111 So. Paulina St., Chicago, Ill.

My face was covered with pimples and lackheads. Some would be all red, and others blackheads. Some would be all red, and others would be full of white matter. 'The blackheads would be all over my face. I spent about ten dollars for soaps, medicines, etc., but they never did me any good. I tried CUTLOURA SOAP, and it only took three cakes to cure my face. JOSEPH B. CLAMER, 227 Court St., Elizabeth, N. J.

Sold throughout the world. Porver Davo AND CHRM. COEF., Sole Props., Boston. "How to Cure Pumples," free. BABY HUMORS Prevented and Cared by

#### A CHALLENGE.

The baset all season having now clos-The baset all season having now clos-ed for good, and the Planet club hav-ing won the distinction of champions in the City League, are now, like the ambitious Alexander the Great of olden historic days, looking for other worlds to conquer. The Planet ball club therefore herewith issues a high and lofty challenge to any of the other City League teams or the employes of any manufacturing, mercantile or pro-fessional institution in the Maple City, to test their prowess in a friendly ex hibition match of the great winter game of association football, conditions of contest to be mutually arranged.
WM. COUPLAND, Cap air. Planet B. B. C., City League Champions.

Some women swear with their eyes when a man steps on their gowns, though they would be very much shocked at the imputation.

The doctor may be a good old man, but even so, medical examinations and the "local-application" treatment are abhorrent to every modest woman. They are embarrassing—often useless.
They should not be submitted to until
everything else has been tried. In
nine cases out of ten, the doctor in genis hard to get cocoa fibre, and it isn't hard to get cornstalks, and there you have the secret of this Yankee's success; and the farmers who now can sell their litter to this man at \$6 a con (or \$900,000,000 a year remember) will one day be building a monument to him—unless, indeed, the market for cellulose should pass away suddenly, which isn't at all likely.

In inne cases out pf ten, the doctor in general practice isn't competent to treat female diseases. They make a branch of medicine by themselves. They are distinct from other ailments. They can be properly understood and treated only by one who has had years of actual practice and experience in this particular line. This is true of Dr. R. V. Pierce, chief consulting physician of the Invalid's Hotel and Surgical Institute, at Buffalo, N. Y. Dr. Pierce's Favorite Prescription, a remedy for all vorite Prescription, a remedy for all derangements of the reproductive or in actual use for more than thirty years. It cures every form of "female weakness."

Why is it we are always most prone to dawdle when there is the greatest

THE NEW TREATMENT. Hundreds of people who have gone the rounds of physicians and patent medicines have found a cure in Mermedicines have found a cure in Mer-rill's System Tonic. This new medicine cures disease by toning all the princi-pal organs of the body, thus enabling nature to throw off the disease. It is the greatest blood purifier known. Price 50c. per bottle, at the Central Drug Store. Explanatory pamphlet

The hurry of work before a pleasure trip takes away half of its enjoy-

THE FALLS CLAIMS ANOTHER VIC-

TIM. Many times has this statement been published. But if Niagara has claimed its thousands, neglected coughs and colds have claimed their tens of thousands. You can't stop the Falls, but you can stop the cough or cold in two days by taking a 25c. bottle of Four T's, the great guaranteed cough and cold cure. Sold at Central Drug Store.

A good cure for a wife's insomnia her husband to come home earl-

### ECZEMA EASILY CURED.

Merrill's System Tonic has cured more cases of blood and skin diseases, such as Eczema, Scrofula, Pimples and Syphilitic Sores, than all other remedies combined. Besides being a most powerful blood purifier it is an excellent tonic and cures by assisting nature to throw off the disease. A Fifty Cent Bottle lasts three weeks. Sold at the Central Drug Store. Explanatory pamphlet free.

When you get the ague the thing to do is to shake it off.

### A COMPLETE HOSPITAL.

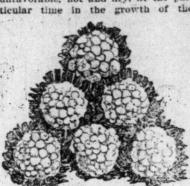
That's what Merrill's System Tonic is. It is one of the most powerful blood purifiers and the best bowel regblood purifiers and the best bowel reg-ulators known, besides being a mus-cular and nerve tonic. Hence it cures a wider range of disease than most medicines. It is skillfully prepared in one of Canada's largest drug stores and is extremely pleasant to take. Price 50c. for three weeks' treatment. Get a free pamphlet at the Central Drug Store.

Keep Minard's Liniment in th

Ask for Minard's and take no other

FINE CAULIFLOWER.

Extra Pine Heads-Hints For Growing First Class Specimens. A correspondent who has made something of a specialty in growing cauliflower sends to American Gardening a photograph of some heads grown last season when the weather was unfavorable, hot and dry, at the particular time in the growth of the

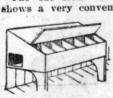


FINE HEADS OF CAULIFLOWER plants when moisture and a cool atmosphere are necessary for producing nice, solid head. The growth of the plants was rank and leafy, and, 21though they did not head up early, they did so rapidly and uniformly as soon as they began. There was scarcely a variation in the whole patch They were solid, heavy, snow white. In this connection some points on the growing of fine cauliflower for exhibition are quoted from the journal

mentioned: When the heads begin to form, some quick acting manure, such as nitrate of soda in a liquid form, will be of material assistance. When they attain some size, shading from suushine is necessary to prevent the heads from getting yellowish in color. This is ensiest done by bending a few of the outer leaves inward over the head; just crack the midrib and the leaf will stay in position without flagging or

withering. Should they mature a day or two ahead of time, it is better to pull them up and store in a cool, dark cellar, inserting the roots in moist soil to prevent wilting, as if left to grow out of doors they soon get past their best. In any case, if cut the night before they are needed and the cut ends inserted in water, the heads will keep fresh for a much longer period. Don't cut too short or take off many of the leaves, though it is often necessary to dress a few of the inner ones to show the head to its best advantage.

A Neat Nesting Arrangement. The cut from The Farm Journal shows a very convenient nesting arrangement for a



poultry house.
The long box with sloping top is built against one side of the

the eggs. The front can be hinged to let down, thus making it easy to sweep out the nexts to keep them clean.

Will Compher Pay In Florida? The campior laurel or camphor tree of commerce is one of the best trees to low in Florida, according to an Orando grower, who writes to The Farm, Field and Fireside that it has never been seriously injured by cold weather. He says:

have several trees 12 years old now 40 feet high and 14 to 18 inches in diameter one foot above the ground. The growing of camphor trees in groves is now becoming a good busi-Thousands of trees are being planted every year. The present process of cutting off part of the top of the trees at a time and distilling the leaves and twigs does not in the least injure the tree. When the trees are 3 years old, the grower takes off about one-third of the leaves and twigs. This is done three or four times a year. New growth soon appears and fills the space taken off.

Three-year-old trees will produce about one pound of camphor per year and when 15 or 20 years old will produce three to four pounds. The usual custom is to plant about 300 trees per acre, and as land is cheap and trees are worth about \$35 per 1,000 (1 year old) it costs but little to make a paying camphor plantation. The cost of iabor cuts but a small figure in the production of camphor, and when the question of manufacture and duty of custom house is added to the imported article it can readily be seen that camphor can be made to pay in Florida.

Blighted Celery Not Worthless. It is a mistake to suppose that blighted celery is not worth putting in for winter use, judging by the following experience with badly blighted crops related in American Agriculturist About the 1st of October I trim up the plants, leaving only the heart leaves. A shallow trench in the cellar is well watered, and the roots, with as much soil as can be conveniently left on, are placed in the trench; more water is given and sand or other light and dry soil is worked carefully in and about the plants, leaving only the tips exposed. Finer celery I have never had than such roots furnished in January or February. If the long white brittle stalks are cut off squarely-not too close-a second crop has been ready by April. This is lighter, of course, than the other, but a dainty luxury for the

Won One Appeal and Lost the

the Judgments Handed Down at Toronto.

dered by the court of appeal on Tuesday.

Atkinson v. City of Chatham.—
Judgment on appeals by defendants from the judgment of Ferguson, J., awarding plaintiffs \$995 damages for injuries caused by the collision of a vehicle in which the plaintiffs were seated with a telephone pole erected on King street in the City of Chatham. The horses attached to the vehicle ran away. The pole had been placed on the street 21 feet from one side of it, and the trial judge found that the street was out of repair within the meaning of the municipal act, and that the Bell Telephome Co., third parties, were not liable to indemnify defendants, because the pole in question had been placed in the street under direction of the corporation inspector of streets. Appeal of defendants allowed as against the third parties with costs, and defendants to have judgement for relief over against such third parties with costs.

A MIXED UP COURT.

cision of the court of revision for the city of Chatham confirming his asappellant's lands fronting on a street along which the municipality proposed to make a sewer, were assessed at uniform rate per foot frontage, for a certain lands not fronting on the street, but which would derive benefit from the sewer, were assessed for the remainder of the cost. The county couri judge found that the lands in question would be benefitted by the proposed sewer, but that the assess-ment was too high, and he reduced it, directing that the amount struck off should be assessed pro rata over the other properties included in the assessother properties included in the assessment. The court below held that he had no jurisdiction to do so, and, having regard to the provisions of the municipal act, R. S. O., ch. 233, secs. 664-685, relating to local improvements, the method of assessment in such a case as this is to determine what proportion of the cost the land fractive continuous acts as the street shall bear and what proportion of the east the and tronting on the street shall bear, and what proportion the land not so fronting shall bear and assess the proportion appertaining to each class according pen, about 18 inches from the floor. The hen enters by the dark alley at the rear and enters one of the darkened nests, the darkness hindering egg eating. The long cover can be raised for securing the eggs. The front can be hinged to

Financial Embarrassment A lady who had a kindly remem-

Short Stories. "Oh, mem, it's turrible finanshul disthress me an' the childr's in!"

ployment?" "No, mem; work's in a fair state o' stiddiness and not a cent do I owe, but it's lathin's o' trouble I've got!"

around. "What is your financial distress,

An Important Postscript. valet. He then sat down and wrote this

cook. She has stolen my purse." This he directed to the chief of police The valet appepared, and while waiting for his master to finish writing, picked up something lying under the table. As he took the note he said: "Monsieur, here is your purse; I

found it under the table." "Ah, just in time; give me the note,

He hurriedly added the postscript: "I have found my purse; it is unnecessary to send any one," and handed the missive to the valet, saying: "Deliver this at once; it is import-

The Difference. Mr. Sharpless-Women are queen creatures. A woman will spend her last cent for a pocketbook.

Mrs Cuttting-I know it. A man would never do that, especially if there happened to be a saloon or tigar store handy.-Chicago News. HEAD ORE AND NEURALCIA WIREW A NO TIME

By using Dr. Price's Vain Pillets. Sure, harmless Oure rhoums to and scietic pains, toothache. 25c PAINSI RHEUMATIC, SCIATIC, OR NEURALGIC CURED.

A Little More Complete Summary of

The following is a little fuller sum-mary of two of the judgments ren-dered by the court of appeal on Tues-

A MIXED UP COURT.

Re Robertson and City Chatham.—
Judgment on appeal of A. K., Robertson from order of a divisional court
(30 O. R. 158), affirming an order of
Meredith, J., in Chambers, prohibiting
the judge of the county of Kent from
enforcing his decision allowing in part
an appeal by Robertson from the decision of the court of revision for the sessment in respect of a sewer. The portion of the cost of the sewer, and tion appertaining to each class according to its frontage, and not according to the proportion of benefit received by each parcel or lot of land. In this case there is a double difference of opinion. Osler, Maclennan and Moss, JJ. A., held that the equal frontage rate is still required by the statute, notwithstanding that the word requal' has been are pea. Burton, c. J. O., and Lister, J. A., war the contray in opinion. Burton, C. J. O., Maclennan and Lister, J. J. A., were of the opinion that the functions of the county court judge were at an end when the motion for prohibition was

brance for all her domestic servants met an erstwhile washerwoman and stopped to ask her how she fared, says

"Why, what it is-are you out of em-

"Are you not promptly paid?" "As promptly as the day comes

"Well, mem." (in-a burst of horror) "what's killin' me is, I earn \$6 the week an' pay \$8 for me board, an' God only knows how I do it."

A French writer, engaged upon a profound scientific work, rang for ms

"Kindly send some one to arrest th

By Dr. Price's Pine Oil. Cures ear-ache, backache, toothache, in fact Aches and Pains of any kind. 25c. Sold at C. H. Gunn & Co.'s drug

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the country. Passengers going west should ask their nearest ticket agent for tickets via this Great Banner Route. All Wabash Trains

Have Free reclining Chair Cars andfare solid vestibule from end to end. For further information apply to J. A. Richardson, District Passenger Agent, north-eatt corner of King and Yonge Streets, Teronto and St. Thomas, Out., or to

W. E. Rispin, 115 King Street, Chatham City Agent Wabash Railway System,

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EXCURSIONS TO PACIFIC COAST & KOUTENAY POINTS CHATHAM

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