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BUILDING AN ICE HOUSE.

In building an ice house the chief points to be considered are the exclusion of air from under or around the body of ice, proper ventilation over the ice, a broken line of conductivity of heat, proper surface drainage around the ice house, too little or too great use of sawdust and sufficient spouting to catch and carry away the drip of the ice house roof. Any little crack that admits of the inflow of warm air will soon play havoc with a body of ice. Hence water-proof paper should interline the walls so as to exclude every possible chance for the admission of a current of air. By a broken line of conductivity is meant a perfect space of dead air, the space extending from sill to plate and through the corners. So that if the house is constructed by making twin walls, these walls shall not touch except at the top and bottom. Any one who can appreciate the importance of this fact may have his doubts removed by laying one end of a scuttling on the ice and then allowing the other end to stick out through the wall into the air. This is the point of chief difference in the construction of an ice house and a silo. The silo only requires that the air be excluded, while the ice house requires the exclusion of both heat and air. If there be too much sawdust placed around ice, it is liable to ferment and develop heat to such an extent as to melt the ice. Many a novice in putting up ice has lost his crop in this way. Four inches of sawdust or chaff is sufficient to place under the ice, and eight inches is sufficient on the sides of a house with a single wall, and four inches in case of a twin wall, and in case of a triple wall there need be no sawdust except at the top and bottom. A twin wall is made by boxing the studding on both plates and sills so that they shall alternate with each other. Two by six may be used, and they may be placed two feet apart. Twelve-inch boards will answer for plates and sills. The joints between studding to project two inches past the center of the wall and prevent the air current from setting. The studding must be prepared with water-proof paper and then oiled. The triple wall is made similarly by widening the sills and plates and introducing another wall. In the matter of a door for the ice house, we prefer to have the door in the gable end and climb into the ice house by means of a ladder. This obviates all danger of melting by air leakage and insures the taking down of the ice layer by layer. A little compound pulley hung to the rafters will enable any man to lift 250 pounds of ice at a pressure and drop it from the door to the ground. The ice must be elevated into the house with horse power, which is easily done by backing the ice to the door with a horse door, then placing a chute, one end in the wagon, the other in the door. Before the ice to the chute by hand, then run a rope between the bottom of the chute, extending it properly over pulleys, and a horse will slide three or four cakes up the chute at a time. For a fairly large house, it requires about 250 pounds of ice a day. For a family refrigerator it requires about twenty-five pounds a day for drinking water, making a total daily consumption of 300 pounds. The shrinkage of ice amounts to about forty per cent. The period in which ice is used runs over about 120 days. It therefore appears that a space for about eighteen tons of ice will be required for ordinary purposes. A building twelve feet square and ten feet high will afford this space, including the soaking room for sawdust.

VENTILATION OVERDONE.

Within the limits of my experience, the warning to ventilate the cow stable is about on a par with the great anxiety of some writers that dairymen should not over-feed their cows, writes L. S. Hardin. We might as well warn men not to be too good, too honest or too cleanly in their habits, for fear that they might become fanatics on these subjects. To be sure, some cow stables need ventilating, but should the whole roof be taken off such stables, and the cows exposed to the starry heavens, that would not remove the filth from those stables. We are told that numbers of air shafts two or three feet in the clear should extend from the floor up over the cows' backs and out at the roof, with other ventilators coming from outside at the floor and opening over the cows' backs for fresh air. This I presume, presupposes an airtight, hermetically sealed, cow stable, the approximation to which I have never seen unless it was in a stone basement under ground, where cows should never be put. My notion is that cows should be kept in a well-ventilated and dry, with plenty of good bedding and the stable kept clean; and there should be space enough above the cows for smoke to rise from a room. If I saw a man filling his stable with ventilators I would suspect he intended leaving the droppings of the cows to lie in the stable for a week at a time. The bred man would certainly think that way and act accordingly. There is such a thing as making convenient in this world.

GLASGOW'S MUNICIPAL CLOCKS.

One of the most interesting of Glasgow enterprises is what may be described as municipal time for the entire city. Some years ago the experiment was tried of placing municipal clocks in prominent positions all over Glasgow and regulating them by synchronization. The present scheme is much more elaborate, and is nothing less than the establishment of a system of standard time, by means of electrically controlled clocks, regulated every second from the stellar clock at the observatory. A regulating clock, directly controlled from the observatory, has been placed in the City Chambers, and this in turn controls three circuits of public clocks at various points in the city. In the meantime, only about a dozen clocks have been provided, but if the trial proves successful, the corporation intends to erect from 200 to 300 18-inch dials, thus providing a reliable system of standard time for all parts of the city. This extension of the circuit will involve the laying of six or seven miles of wire. It is hoped also to include time-keeping in private houses.

ROUND THE WHOLE WORLD.

WHAT IS GOING ON IN THE FOUR CORNERS OF THE GLOBE.

Old and New World Events of Interest Chronicled Briefly—Interesting Happenings of Recent Date.

Some letters by George Washington to Arthur Young, the economist, on the subject of agriculturists are about to be sold in London.

William O'Connell, the London East End poet, better known as "Spring Onions," spent his Christmas in prison for being drunk and disorderly.

Signor Crispi has taken time by the forelock in having his marble monument erected in the Naples cemetery. The only inscription on it is "Crispi". Greece has a population of 2,418,000, according to the census just taken, an increase of 230,000 since 1891. Athens has now 124,000 inhabitants.

Russia's Czarina, a worthy granddaughter of Queen Victoria, is fighting the practice of sucking tobacco prevalent among the women at the court. She is said also to have shut down on her husband's allowance of cigarettes. She is also said to be not so well liked as she was.

Earls as directors of stock companies come high in London. A broker who recently obtained two of them for a cycle company received \$25,000 as his commission. As he kept the money himself instead of turning it into his firm's account, his partners have brought the case before the committee of the Stock Exchange, thus making public the market price of the commodity.

British Generals have privileges accorded to peers in the English police courts. Sir Reginald Gips, who was recently summoned for riding a bicycle on a footpath at Aldershot, sent his servant to pay his fine of five shillings and to tender an apology, which the magistrate accepted. Several peers who were guilty of carrying muzzled lapdogs in their carriages were obliged to attend court in person last year.

Swallow-wart, or the greater celandine (Chelidonium majus), which Dr. Demosio asserts is a cure for cancer, has long been used by country people to remove warts. The doctor uses the juice of the plant diluted, both externally and internally, in external cases injecting the fluid hypodermically around the cancerous growth. According to the Lancet, however, experiments with this specific by other observers have not confirmed his results.

Franco, Italy, Spain, Portugal, Switzerland, Belgium, Holland, and Luxembourg have just signed at The Hague the first international treaty on private law, the treaty relating to civil procedure. All these nations use the Roman law in some form. The Swedish and Norwegian Comitia voters made certain reservations, which they presented when signing the agreement. The treaty is to be followed by others on different portions of the law.

Ghent will soon be greatly transformed. Close together in the centre of the old city are a number of great monuments of Gothic architecture, the Bellry, St. Bavo Cathedral, the Church of St. Nicholas, the Cloth Hall, the Town Hall, and the manor house of Gerard the Devil. The city authorities have borrowed 70,000,000 francs, a large part of which will be devoted to tearing down the intervening buildings and such as interfere with the view, and leaving the monumental structures in a large public park in the heart of the town.

Lord Savile's estates have already paid more death duties than any others in England, and now that he is dead must pay a tax of a million dollars to the Treasury. He and his brothers were the illegitimate sons of the eighth Earl of Scarborough, who bequeathed to the eldest as much of his property as he could. As in law they were not related to each other, the heaviest death duties were imposed whenever the estates changed hands, and this has happened three times in fifteen years. The late baron was raised to the peerage in 1888 and to continue the title a special remainder had to be created in favour of his nephews, as if they had been strangers in blood.

HEART FLUTTERING AND SMOTHERING SPELLS.

Quickly and Permanently Banished by Dr. Agnew's Cure for the Heart.

One does not need to wait, if wise, until heart disease has developed to that degree that one hardly knows when he is to die. I have never seen unless it was in a stone basement under ground, where cows should never be put. My notion is that cows should be kept in a well-ventilated and dry, with plenty of good bedding and the stable kept clean; and there should be space enough above the cows for smoke to rise from a room. If I saw a man filling his stable with ventilators I would suspect he intended leaving the droppings of the cows to lie in the stable for a week at a time. The bred man would certainly think that way and act accordingly. There is such a thing as making convenient in this world.

THE MUSHROOM.

The chemical constituents of the mushroom are almost identical with those of meat, and it possesses the same nourishing properties.

Few Women
 ENJOY LIFE AS THEY OUGHT.
 Many are miserable, weak and sickly, and suffer untold misery through ailments peculiar to their sex.
 IT IS WRONG.
 Most all these ailments result from weak blood, and from the use of the "Mother's Compound."
COMPOUND
 MILES' (Can.) VEGETABLE COMPOUND and Miles' Sanative Wash.
 Prices 75c and 50c. For sale by all Druggists. They impart vitality and energy, and make the life of the "Mother" a "wonderful triumph" over all ailments.
 "A. M. C." MEDICINE CO.
 47 E. St. Paul St., Montreal.
 Medicines exported to any address on order.

MISS ZELMA RAWLSTON.

A CHARMING SOUBRETTE WHO ATTRACTS LARGE AUDIENCES.

She Tells Something of the Hard Work Necessary to Make a Successful Artist—Many Break Down Under the Strain—An Interesting Chat With a Telegraph Reporter.

From the Quebec Telegraph.

Those who have attended the performance of the Academy of Music this week, will readily concede that Miss Zelma Rawlston is one of the brightest soubrettes on the stage. She is a clever musician and a charming singer, and as an impersonator shows a talent considerably above the average. She has winning ways, a mischievous twinkle in her eye, and a captivating manner. Her magnetism for drawing large audiences is not alone confined to the stage, as she is possessed of a character which is pleasing to come in contact with. In all of good nature, amiable qualities, and charm that endears her to all those who have been so fortunate as to have made her acquaintance. A Telegraph representative had the pleasure of an interview with Miss Rawlston which is being published in these columns on Saturday. During the course of the interview, Miss Rawlston let out a series of interesting facts which are of general interest.

Telegraph to make public. For many years she has devoted the best times of her time to study, some of her time to the piano for 10 hours a day. It is not therefore astonishing, that under the strain of her kind, she began to feel the effects of the strain, which she is apparently strong physique, and stood the strain without interrupting her studies, until she had perfected that which she desired to accomplish. Like many other artists who have gone before, she had a high regard for her work, and she upon her stage career. The reaction of over study, and long hours, soon began to tell upon her, and although it did not interfere with her climbing the ladder of fame as an actress, she very soon became cognizant of the fact that she was suffering from a strain of the nerves, which she had sooner or later to result seriously to her health. Her sufferings did not interfere with her engagements, but prevented her from participating in pleasure of any kind. The nervousness increased to such an extent that she became a victim to insomnia, and slow-ly her digestive powers gave out, and she was fast becoming a chronic sufferer from nervous debility. After trying many remedies and prescriptions, she at last resorted to an advertisement in one of the daily papers referring to the complete recovery of a similar case as her own, with the aid of Dr. Williams' Pink Pills. She had tried so many patent remedies that she almost despaired of trying any more. Something seemed to influence her to test this preparation, and she ventured to purchase one box of the pills. When she had used half of them, she began to feel an immediate improvement in her condition, and by the time she had used two or three boxes, she was a different woman entirely, and to-day there are few actresses who display a better example of perfect health than our representative found Miss Rawlston in when he called upon her last week. The subject was suggested by our reporter seeing that she was in the possession of Miss Rawlston's possession. "I always carry them with me," she said, "and would not be a day without them; although I do not use them regularly, I find them a very beneficial stimulus for one in our profession. If the assertion of the benefit which these pills have worked upon me, and the fact that I am now perfectly well, and that my name should be mentioned, and that the facts should be given to the public."

Miss Rawlston's permanent address is in care of her manager, Mr. Tom McGuire, Room 5, Standard Theatre Building, New York City.

BE WARNED.

Don't be a fool; know what you want and refuse to be imposed upon by greedy dealers when they attempt to palm off some producing substitutes for Putnam's Corn Extract. Putnam's is the only safe, sure, and painless corn cure. Putnam's Corn Extract is the best, the safest, and only painless corn remedy.

CONVENIENT FAITH.

Do you believe in hoodlums? Well, said the man who somehow had never believed in hoodlums, I've got to preserve my self-respect.

DREADFULLY NERVOUS.

Gents—I was dreadfully nervous, and for relief took your Karl's Clover Root Tea. It quieted my nerves and strengthened my whole Nervous System. I was troubled with Constipation, Kidney and Bowel trouble. Your Tea soon cleansed my system so thoroughly that I could sleep again, and gain strength. Mrs. S. A. Sweet, Hartford, Conn. Sold by all druggists.

HIS HEAD WAS OFF.

But the Bandit Chief Walked to Each of His Comrades.

Dr. Loye, the French physician, who has greatly interested himself in the question: "What passes in the head of a decapitated human being," writes the following remarkable story, which he says was taken from the archives of the Vienna courts: It was in the year—that Sharenburg, a well-known bandit, and four of his associates were caught and condemned to death. They were already on their knees ready to pay the penalty of their bloody deeds by submitting to the awful fate of decapitation, when Sharenburg addressed the Judge, asking that his four companions might be pardoned on certain conditions. "If," asked the bandit chief, "I am beheaded, I get up and walk to the first of my comrades who you pardon him?" The Judge thought that he was pretty safe in complying with the request. Then, continued Sharenburg, "If I walk to the second, he will find the fourth, will you pardon them also?" The Judge replied that if such a miraculous feat could be performed he would pardon them for the others also. The chief was now satisfied, and, bending his head he received the fatal blow. Instantly the head rolled down in the sand, but to the surprise and horror of all present, the headless trunk continued to walk alone. Aimlessly, it appeared, the body walked around until it passed a man for the second, the third and the fourth continued to walk, and it fell and became motionless. Query: How could a headless body think?

THE RAW CUTTING WINDS.

Bring to the surface every latent pain, Rheumatism, neuralgia, lumbago, and complaints of a similar character hold reveal at this season of the year amongst human nerves and human muscles. The best, the most powerful and most certain pain cure is Nerviline. Nothing equels Nerviline for penetrating power. Nerviline is beyond comparison the grandest discovery for the relief of pain offered to the public.

NEW AILMENT.

Miss Föedick—Look at that man's queer expression. Is that what is called the bicycle face?
 Mr. Gilgal—No; that is the golf eye.

SIR JOHN MACDONALD'S OLD CONSTITUENCY.

Mr. J. H. Metcalfe, M.P. for Kingston, Talks of the Splendid Character of Dr. Agnew's Catarrhal Powder.

There is no small amount of talk in all parts of the country of the class of people who are proclaiming the remarkable results accomplished by Dr. Agnew's Catarrhal Powder for leaden eyes, and in all parts of the Dominion are using it. Among others who call of effective nature of this medicine for catarrh, hay fever, or cold in the head, is Mr. J. H. Metcalfe, the popular M.P. for Kingston. The constituency represented for so many years by the late Sir John A. Macdonald. Beyond all doubt this remedy is a marvel, radical in its effects. It is at the same time simple and agreeable to take, which cannot be said of most catarrh medicines.

"Puritanism" isn't what it used to be.

"No; the advances made in implements of modern warfare have thrown it into the shade somewhat."

A CITY WITHOUT CHIMNEYS.

From the top of the cathedral spire in Mexico you can see the entire city, and the most striking feature of the view is the absence of chimneys. There is not a chimney in a Mexico, not a grate, nor a stove, nor a furnace. All the cooking is done with charcoal in Dutch cooking ovens, and while the gas is somewhat offensive, one soon becomes used to it.

Cure the Cough with Shiloh's Cure.

The best Cough, Croup, Whooping Cough, and all other Coughs cured promptly. One million bottles sold last year. 40 doses for 25 cents. Sold by all druggists.

Mr. James Hodge, of Hamilton shot himself dead on the stairs at the City Hall.

Be Not Deceived. A Cough, Hoarseness or Croup, are not to be trifled with. A dose in time of Shiloh's Cure will save you much trouble. Sold by all druggists.

"I Took One-Half Bottle of South American Rheumatic Cure and Obtained Perfect Relief."

Gives Relief in a Few Hours, and Usually Cures in One to Three Days.

J. H. Garrett, a prominent politician of Liverpool, N. S., makes, for the benefit of the public, the following statement: "I was greatly troubled with rheumatic pains for a number of years. On several occasions I could not walk, nor even put my feet to the floor. I tried everything, and all local physicians, but my suffering continued. At last I was prevailed upon to try South American Rheumatic Cure. I obtained perfect relief before I had taken half a bottle of the remedy, and to-day regard it the only radical cure for Rheumatism."

"I know now," remarked the young man who was sued for breach of promise, "why they call it courting!"

STATE OF OHIO, CITY OF TOLEDO, ss.

L. H. CHENEY, Notary Public.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & CO., doing business in the City of Toledo, County and State of Ohio, and that said firm will pay the sum of ONE THOUSAND DOLLARS for each and every case of Catarrh that can be cured by the use of HALL'S CATARRH CURE.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1896.

A. W. GILGAL, Notary Public.

Hall's Catarrh Cure is taken internally and acts directly on the blood and mucous surfaces of the system. Send for testimonials free.

F. J. CHENEY & CO., Toledo, O.
 Sold by Druggists, 75c.

Editor—"Your story is flat."

Author—"Yes?" Editor—"I wish to compliment you. Most stories we get are rolled up."

YOU HAVE BACKACHE

Get Rid of It!

It is a sign that you have Kidney Disease; Kidney Disease, if not checked, leads to Bright's Disease,

and Bright's Disease Kills!

Because the Kidneys break down and pass away with the urine.

Heed the Danger Signal

and begin to cure your Kidneys to-day by taking

Warranted Safe Cure

Write to-day for free treatment, N.Y. Warner's Safe Cure Co., Rochester, N.Y.

SCOTT'S EMULSION is Cod-liver Oil in condition to be of the most immediate use in the body, and to be of the greatest use. It is tasteless; at least it has no fish-fat taste. It has a little flavoring in it. Hypophosphites of Lime and Soda are in it. They are always wanted in the body when Cod-liver Oil is wanted.

100c and \$1.00 at all druggists.

PAIN IN THE BACK.

A Certain Indication of the Lodgment of Kidney Disease.

It is a mistake to suppose that pain in the back is a result only of a cold, and in more of a rheumatic trouble than anything else. It is evidence disease has lodged itself in the kidneys, and the warning is plain, if further trouble is not to be taken on, that the pain must be quickly got rid of. There is no remedy we can so completely recommend as South American Kidney Cure. Knowing what it will do, there is nothing extravagant in the statement of Count de Dory, who wrote from Neapawa, Man.: "During my travels I was induced to try South American Kidney Cure, from which remedy I received instant relief. I do not think it has an equal."

"Uncle Simon, what is a phenomenon?" "A phenomenon is a man who gets so rich that he won't accept a pass on a railroad."

AN ELABORATE SEED CATALOGUE.

We have just received a very handsome Annual Seed Catalogue, published by Wm. Hennie & Sons, the well-known seedsmen, corner of Adelaide and Jarvis Sts., Toronto. The work, illustrated with hundreds of varieties of seeds, and their reputation is too well established for these seedsmen to risk in putting out anything but the freshest and best seeds obtainable. This catalogue can be had for the asking. A post card will do it. The address is given above.

Friend—"I suppose everything you write now goes?" Author—"Yes, but most of it comes back."

"LIKE MY WIFE TO USE 'SALADA' Ceylon Tea"

Lead Packets Only All Grocers
 Black and Mixed 25c, 40c, 50c, 60c
 \$2.00 and \$3.00 per lb.
 \$2.00 Add. J. Henkel, 117 Mutual St., Toronto

TO INVENTORS. Patents obtained in all countries by International Patent Bureau, 12 Melinda St., Toronto. Longest experience. Lowest rates. Information free. G. G. FREEMAN, Manager. R. A. KELLOGG, Expert and Examiner.

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