

## BABY'S GRIE AT DANGER DURING HOT WEATHER.

More children die during the hot weather than at any other time of the year. Diarrhoea, dysentery, cholera infantum, and stomach troubles come without warning, and when a medicine is not at hand to give prompt relief, the delay may prove fatal to the child. Baby's Own Tablets should be kept in every home where there are children during the hot weather months. An occasional dose of the Tablets will prevent deadly summer complaints, or cure them if they come unexpectedly. Mrs. O. Moreau, St. Tite, Que., says: "My baby suffered from a severe attack of cholera infantum, but after giving him Baby's Own Tablets the trouble disappeared, and he regained health splendidly." Sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

## POSSIBILITIES OF RADIUM.

May Take the Place of Coal Some Day in the Future.

Radio-active rain and snow. There seems little doubt that the radio activity of the air in certain cases has its origin in the soil. On the other hand it seems equally certain that solar protuberances and sun spots have a marked influence upon the amount of emanation present in the air, just as they are known to materially affect all other manifestations of atmospheric electricity.

Radium emanation is the most intensely energetic chemical agent known. Of the highest significance are the facts brought to light by the study of radio-active phenomena with regard to the transmutation of elements which seems to accompany these manifestations. There is a wonderful perspective opened up should it at some future time become possible to cause the immediate and rapid disintegration of matter. Thus one gramme of radium would furnish an amount of heat equal to that derived from 325 tons of coal.

If we are faced with problems of the exhaustion of our natural resources, of the depletion of our coal mines, there is no means of causing the possibilities which the future may hold in store and which may surprise the most extreme limits of our needs. The discovery of radium and the phenomena associated with it has revealed to us new truths of so fundamental a character that there is hardly any branch of science which has not in some way profited by the new knowledge.

## MYSTERIOUS AIRSHIPS.

Folk Too Ready to Let Imagination Run Away With Them.

In 1709, which was quite seventy years before the first balloon ascent took place in England, a "flying ship" was said to have been seen in the sky above the Norfolk fens. Several people observed it at different times and places, and one enterprising individual even made a drawing of it, which was reproduced in one of the newspapers of that date.

Of course it may have been all imagination, or it was possibly a hoax. But the detailed descriptions of the aerial craft, coupled with the illustration, suggest at least the possibility that even in those distant days some enterprising individual or other had evolved an aeroplane of the now familiar box-kite type, and was experimenting with it under cover of darkness.

In 1810, again, what we should now designate a dirigible balloon, was reported to be hovering over Kent. It was said by those who professed to have observed it, "shaped like a monster sausage," and was guided apparently by means of wings, or sails, which stuck out before and behind. There is some reason to think that this may have been the machine with which a certain French aeronaut named Blanchard was experimenting about this period, and with which he certainly did, upon at least one occasion, cross the English Channel.

In this connection, too, it is worthy of notice that when the French Government airship La Patrie broke loose from her moorings in November, 1907, and was supposed to have been carried by the wind over England and the north of Ireland, scores of people either pretended, or really believed, that they had seen her in the clouds above localities where she could not possibly then have been, having regard to the direction of the prevailing air currents.

Which merely goes to prove that in this age, as in all others, there exist folk who are only too ready to let their imagination run away with them.

If you would know the giving of happiness try the happiness of giving.

## YOUNG FOLKS

### THE CHICKEN-RANCH.

It was an exciting time for Milo when the incubator came—almost as exciting as it was for mother, who had been waiting for a whole long year to try to raise some chickens. Father just laughed about it, but they did not change their minds. They both were sure that nothing could be so interesting as to see a flock of fluffy yellow balls chasing about in the pen that was going to be built. Milo had never seen any baby chicks in all his life, but he had heard about them till he was sure he would know one if he should meet it anywhere.

One day the whole lovely dream suddenly came true. Cowboy Jack and "Shorty" went away early that morning, and when they drove through the big gate that night they had brought incubator, brooder, lumber for the pens and coops, and—all done up in cotton, in little square compartments, inside bigger ones lined with cork, and fitting into strong cases—eggs! So many there were that Milo gave up trying to count, and jumped from "seventeen, eighteen," to "millions."

The incubator was very simple-looking, just a big box on legs, painted yellow, with its name across the top in black letters. Inside there was a square room, with a thermometer at one side, a wire rack across it half-way between its ceiling and its floor, which was not a floor at all, but just an ordinary piece of burlap tacked tight to all four walls. The rack did not reach quite to the door. There was an open space next the glass, as if the makers had not had quite enough wire to finish it properly. Then there was a lamp fastened on the outside, and a pipe to carry its heat into the square room, and that was all.

Mother took the book of directions telling all about how to do everything, and began to study. She almost forgot when it was time to put Milo to bed.

Of course there were lots of important things to do. Mother gave directions, Cowboy Jack and Shorty carried them out, and Milo acted as overseer. But at last all was ready. The incubator lamp was lighted, the thermometer that hung inside was watched till the mercury reached the black arrow on its glass front, the precious eggs were laid on the wire rack, the glass door closed, and—the poultry-ranch had begun.

There was one thing Milo could do to hurry matters along. Mama turned the eggs every day, kept the lamp filled and trimmed and the ventilator just right.

Then things began to happen. The morning of that wonderful day mama and Milo put high stools in front of the incubator and sat down upon them. At first there was not much to be seen. Then a faint sound was heard, and an egg-shell broke in one wee spot, which presently grew a little larger. A bit of a white beak came in sight, and something said "Peep!" quite plain and loud. Milo almost fell off his stool at that, and mama clapped her hands. Slowly but surely that sharp little beak worked away, till the crack it made reached round the shell to the little hole where it began. Then a short rest, and then the chick, tired of its narrow bed, stretched its little buff cochin legs, and—snap!—two halves of shell fell apart, and out rolled the baby. It was very limp and dragged-looking, but its eyes were round and bright as jet beads, and it peeped as if it had been doing it for years.

Another rest, and then it began to look out of that glass door. Nearer and nearer it came, till suddenly it reached the place where there was not any wire, and down it went right into the burlap below, that was as soft and yielding as a hammock.

Of course by this time there were ever so many others at work, each one peeping its greeting to its brothers and sisters, and each one joining the first in the hammock as fast as it could manage it.

If Milo was disappointed in their looks at first, he soon changed his mind, for inside of an hour the little fellows perked up, their yellow down fluffed out, their tiny wings fluttered, and their voices—why, the chorus they kept up was past belief.

Mama and Milo laughed, and cried, "Look there!" and "Only see that!" till it would have been hard to tell which was the happier. And of course papa and Nora and Cowboy Jack and Shorty and the fat cook and the twenty-seven other ranchmen and cowboys came for a glimpse. But mother and Milo sat on their stools the liveliest day, with scarcely a rest for dinner; and when night came the wire rack was piled with empty shells, while the burlap hammock was full of plump little balls as soft as thistle-down. And by that time Milo understood that the men who had made the incubator knew how.

There is more to raising chickens than simply hatching them, to be sure, but at last accounts the buff



Police Sergeant—Can you give me a description of the person who ran over you?  
"Oi can that. He had on a fur coat an' an autumobile cap an' goggles."—Life.

cochins were doing so well that papa had entirely stopped laughing at them, and was taking great joy in planning a chicken-house with all modern improvements.—Youth's Companion.

## A BURNING COAL MINE.

Eating Up Hundreds of Thousands of Tons of Coal.

One of the most extraordinary fires ever recorded in history is that of the burning coal-mine at Summit Hill, Pennsylvania. In 1858, fifty-one years ago, the fire began. Since that time it has smouldered steadily, eating up hundreds of thousands of tons of coal, and burning its way deep underground to a plot a mile west of Summit Hill. To-day an attempt, described by a writer in Popular Mechanics, is being made to extinguish it.

The shaft in which the fire began led into a mine that had been worked for many years. Lack of men and lack of means prevented a proper fighting of the danger when it started. In the early days of coal-mining much of the coal now regarded as valuable was considered worthless, and discarded as refuse. The enormous quantities of this discarded coal bountifully fed the hungry fire.

In 1862 the company attempted to make an open cut to block off the fire. After an excavation of two thousand feet had been made, the work, for some forgotten reason, was abandoned.

The next attempt was made six years later. Holes were sunk until cracks or open shafts were struck, and into these were poured refuse, water and wet clay, the purpose being to block the fire by a wall of incombustible material.

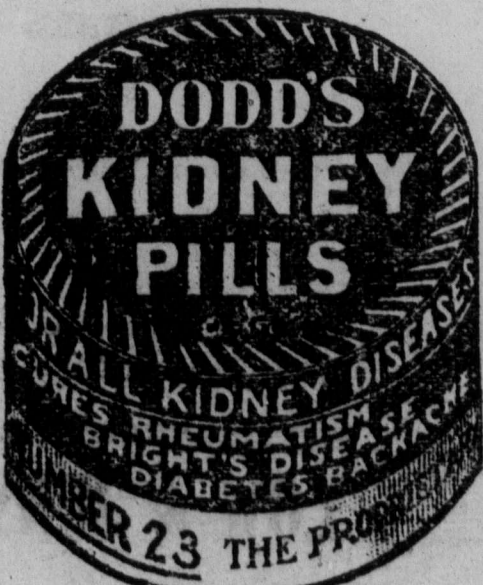
More than six hundred holes were sunk, and into these thousands of tons of "gob" were forced, some of the holes eating up as much as eight thousand tons of material. Several hundred thousand dollars were spent in this work, but the fire crept round the walls and continued to burn.

Now, however, expert engineers have devised a scheme which it is believed will finally check the conflagration, though at a cost of nearly a million dollars. Six shafts are being sunk into the earth across the path of the fire, the first being an open cut one hundred feet long by twenty feet wide. Three of the other shafts will be fifty feet long by twelve feet wide, and the remaining two will be twenty feet long by twelve wide. All are to be fifty feet apart, and they will be sunk to the coal vein, a distance of two hundred feet.

The coal will be removed from these shafts, and from the intervening spaces between them, a solid wall of concrete or clay, or both, being substituted for the coal. This wall will extend to the bottom of the vein in the valley, where water will complete the barrier.

## HEROINE AT TWELVE.

At Freystrop, Pembrokehire, England, a baby picked up an adder. Apparently regarding the reptile as a new toy the baby put it to her mouth, and the adder bit her in several places inside the lower lip. Her twelve-year-old sister shortly afterwards came upon the scene. Seeing the adder still in the baby's hand she realized the danger, destroyed the snake, and then sucked the poison from her sister's lips.



ISSUE NO. 37-09.



When troubled with fall rashes, eczema, or any skin disease apply Zam-Buk! Surprising how quickly it eases the smarting and stinging! Quickly cures bruises, cuts, burns, and chafing sores. Zam-Buk is made from pure herbal essences. No animal fats—no mineral poisons. Finest healer! Druggists and Stores everywhere.

## STILL WORSE.

Mr. Dolan was looking anxiously around the kitchen. "Bridget," he said, after a while, "what did I do wid me hat?"  
"Ye have it on y'r head, Mike," replied Mrs. Dolan.  
"Begorra," said Mr. Dolan, "the next time I'll be leaving me head in me hat!"

Ill fitting boots and shoes cause corns. Holloway's Corn Cure is the article to use. Get a bottle at once and cure your corns.

## SAID UNCLE SILAS:

"Some wimmen spend about half their time tryin' to make themselves look somewhere near as good as a photographer can."

"Doctor," said the convalescent, smiling weakly, "you may send in your bill any day now." "Tut, tut!" replied the M.D., silencing his patient with a wave of his hand. "You're not strong enough yet."

MAKE A NOTE when you are leaving home to buy "The D. & L. Menthol Plaster." Guaranteed to cure the worst case of backache, headache, stitches. Avoid the "just as good" goods. Get the genuine.

The visiting parson was giving Convict 45 consolation. "You should not complain, my misguided friend," he said; "it is better to take things as you find them." "Yer on the wrong track, parson," replied the prisoner. "It wer' practising that theory that got me nabbed!"

If allowed to roam over your house those few innocent-looking house flies may cause a real tragedy any day, as they are known to be the principal agents for the spread of those deadly diseases, typhoid fever, diphtheria and smallpox. No other fly killer compares with Wilson's Fly Pads.

"My dear," said the professor's wife, "the hens have scratched up all that egg-plant seed you sowed." "Ah, jealousy!" mused the professor. And he sat down and wrote a twenty-page article on the "Development of Envy in the Minds of the Lower Grade of Biped."

A Benefactor to All.—The soldier, the sailor, the fisherman, the miner, the farmer, the mechanic, and all who live lives of toil and spend their existence in the dull routine of tedious tasks and who are exposed to injuries and ailments that those who toil not do not know, will find in Dr. Thomas' Electric Oil an excellent friend and benefactor in every time of need.

Kindly mention the name of this paper in writing to advertisers.

It takes a lot of money to educate girls, and after they graduate very few of them are able to support a husband.

The Real Liver Pill.—A torpid liver means a disordered system, mental depression, lassitude and in the end, if care be not taken, a chronic state of debility. The very best medicine to arouse the liver to healthy action is Parmelee's Vegetable Pills. They are compounded of purely vegetable substances of careful selection and no other pills have their fine qualities. They do not gripe or pain and they are agreeable to the most sensitive stomach.

## SUSPICIOUS OF HIS OTHER.

"Ma!"  
"Yes, precious."  
"I'm a good boy these days, ain't I?"  
"Yes, pet—you've been a very good boy since mother talked to you so seriously."  
"And you trust me now, don't you, ma?"  
"Yes, darling—implicitly."  
"Then what do you keep the jam cupboard locked for now-a-days?"

Hub (during a quarrel)—"You talk like an idiot!" Wife—"I've got to talk so that you can understand me!"

Kindly mention the name of this paper in writing to advertisers.

## HOT AIR AS A POLISHER.

The marvels of friction are infinite. The use of the sand-blast for polishing metals is quite a recent invention, and now it is followed by that of a blast of simple hot air. It is the velocity that gives the polishing power. The articles to be treated are placed in a basket in a centrifugal machine driven at a very high speed, and heated air is blown from a pipe through the basket. A high polish is thus produced very rapidly. Nickel-plated articles that have become tarnished are made bright in a few minutes. Wet metal, fresh from the bath, needs no preliminary drying, for the current of air dries and polishes at the same moment. It is only necessary to so pack the articles that the air reaches them on all sides.

It may be the only way to get a good look at heaven is to take a square look and a human one at the affairs of our cities.

Do It Now.—Disorders of the digestive apparatus should be dealt with at once before complications arise that may be difficult to cope with. The surest remedy to this end and one that is within reach of all, is Parmelee's Vegetable Pills, the best laxative and sedative on the market. Do not delay, but try them now. One trial will convince anyone that they are the best stomach regulator that can be got.

"I am told, sir, that you said yesterday I ought to be placed in a lunatic asylum." "A base slander, my dear sir, I assure you. What I did say, and I like to be exact, was that the keepers should never have allowed you to escape."

After making a most careful study of the matter, U. S. Government scientists state definitely that the common house fly is the principal means of distributing typhoid fever, diphtheria and smallpox. . . Wilson's Fly Pads kill the flies and the disease germs, too.

Mr. B.—"There, I've let my cigar go out. Do you know that it spoils a cigar, no matter how good it is, if you allow it to go out?" Mrs. B.—"Yes, a cigar is a good deal like a man in that respect."

A CERTAIN METHOD for curing cramps, diarrhoea and dysentery is by using "Painkiller." This medicine has sustained the highest reputation for over 60 years. Avoid substitutes, there is but one "Painkiller"—Perry Davis'—25c. and 50c.

Blobs.—"You're pretty much gone on Miss Hobbs, aren't you, old man?" Hobbs—"I was once. But after what she said to me last night I'm not going to pay any more attention to her." Blobs—"What did she say?" Hobbs—"No!"

Through indiscretion in eating green fruit in summer many children become subject to cholera morbus caused by irritating acids that act violently on the lining of the intestines. Pains and dangerous purgings ensue and the delicate system of the child suffers under the strain. In such cases the safest and surest medicine is Dr. J. D. Kellogg's Dysentery Cordial. It will check the inflammation and save the child's life.

"You are Mr. Queezen, the husband of the celebrated lectress on cookery, are you not?" "Yes, sir," replied the dejected, hollow-eyed man. "I am the man she tries her new dishes on."

Red, Weak, Watery Eyes. Relieved By Murine Eye Remedy. Try Murine For Your Eye Troubles. You Will Like Murine. It Soothes, Cures At Your Druggists. Write For Eye Book. Free. Murine Eye Remedy Co., Toronto.

Figs—"You have seen Jones' wife. What is she like? Should you call her pretty?" Fogg—"I might if I were talking to Jones."

## A New School and a Good School

New in its Life  
New in its Equipment  
New in its Course of Study  
New in its Methods of Instruction

Get busy on Monday, Aug. 20th, or as soon thereafter as possible—

## REMINGTON BUSINESS COLLEGE,

269 College Street, Corner Spadina Avenue,  
TORONTO, ONTARIO.

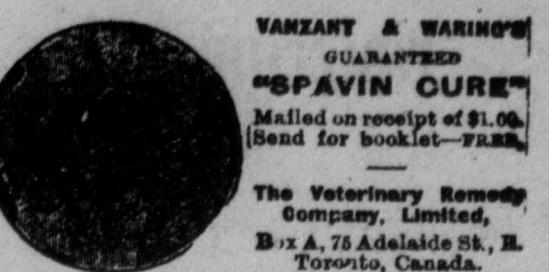
## DRINK, Tobacco and Drug Habits CURED

New System of Treatment. Recently Discovered Remedy that Cures Rapidly and Permanently. Marvellous Results obtained that makes our remedy one of the wonders of Modern Medicine. Patients cured secretly at their own homes against their own will and knowledge. No suffering, no injections, no loss of time, or detention from business, no had after effects.

FREE! FREE!

We send by mail, free of charge, our 64 page book, which fully explains the modern system of treatment, of how the Drink, Tobacco and Drug habits can be rapidly overcome and cured. This book is sent in a plain envelope, sealed from observation, so no one can tell what your letter contains. All correspondence absolutely secret and confidential. Address:

DE SILVA INSTITUTE, Suite 200, 55 University St. Montreal, Canada



## Oldest and Best

The school that has had the longest experience and greatest success in training young people or good office positions and that can secure the best results for you, is the

British-American Business College  
Y.M.C.A. BUILDING, TORONTO.

Full Term now open. Enter any time.  
Write for catalogue.

T. M. WATSON, PRINCIPAL

## Ontario Veterinary College

TEMPERANCE ST., TORONTO, CAN.

Established 1902, taken over by the Provincial Government of Ontario, 1908.

Affiliated with the University of Toronto, under the sanction of the Dept. of Agriculture of Ontario. College opened Oct. 1, 1907. Course of study 3 years. Through 3 college years. FEES: RESIDENCE \$10.00. Quota for tuition.

E. A. GRANGE, V.S., M.S., Principal. Dept. 10.

We want every young man who is anxious to prepare for a good position at a good salary to write us at once. Address: Central Telegraph School, 5 Gerrard St. East, Toronto.

OUR HEAVE CURE cures where others fail. Sells on its own merits. Best of testimonials furnished on application. Ask your druggist to get you one and send it to Four Brothers, Reunion. Price \$1.40 per package. Charges paid to nearest express office. None genuine without our trade mark, FOUR BROTHERS, on each package. Try a package and be convinced. Because others have failed is no reason why Heaves cannot be cured by using Four Brothers Heave Cure.

## AGENTS WANTED.

ONE RELIABLE MAN WANTED IN EVERY town to take orders for best custom made clothes in Canada. Highest commission. Best Tailoring Co., Toronto.

PORTRAIT AGENTS—RELIABLE MEN we start in business of their own and give credit. Merchants Portrait Co., Toronto.

AGENTS, MAIL-ORDER BUYERS, HOUSE-KEEPERS send address for free sample of SILVERCLOTH MAGICAL SILVER-CLEANER and large catalogue of household specialties. Canada Silvercloth Co., Dept. K, Toronto.

## Secure the Agency

For your locality of the only Life Insurance company meeting the requirements of the Royal Commission. Our plans and policies appeal to the common sense, and positively protect the Policyholder's interest. Rates lower. Terms of payment easier.

THE POLICYHOLDERS MUTUAL LIFE, Temple Building, Toronto.

WE GIVE FREE SAMPLE CASE

Make \$3 a Day and establish permanent business on our capital. Our high class goods sell on sight in every house, are quickly used up and repeat orders come fast. Exclusive territory given.

WRITE FOR CATALOGUE THE HOME SUPPLY CO., Dept. 30, Toronto, Ont.

## CARPET DYEING

and Cleaning. This is a specialty with the BRITISH AMERICAN DYEING CO. Send particulars by post and we are sure to satisfy. Address: Box 166, Montreal.



Don't fail to see our Exhibit at the National Exhibition, Toronto.

## LACK.

Many a man is so lacking in the essentials of success that he is even a successful liar.

If your children are troubled with worms, give them Mother Graves' Worm Extirminator; safe, sure and effectual. Try it, and mark the improvement in your child.