Bladder and Kidney Troubles

Are caused by poisoning impurities, which clog the kidneys; intense pain is the result and sleepless nights follow. The patient becomes annoyed with sharp pains shooting through the back and up the spine. These pains are often so violent and acute that the patient suffers the greatest agony and is driven almost to despair. The refuse and sediment which settled in the kidneys must be removed in order to procure relief.

SANOL, the Kidney Cure, is the only reliable remedy which has a combined effect of acting on the kidneys, and restoring them to their natural condition, and removing Kidney, Bladder and Gall Stones by dissolving same. It cleanses and purifies the system, strengthens and invigorates the Kidneys, and encourages proper filtration. It relieves the pain and gives strength and energy to the body. Price $1.50 per bottle.

Literature free from the SANOL MANUFACTURING COMPANY, of CANADA, Limited, WINNIPEG, MAN.

THE FIGURE 6.

Babylonian Astronomers Knew Its Utility.

Why are there sixty seconds in a minute?

Why are there sixty minutes in an hour?

It has taken science something like seven or eight thousand years to figure that out. And they've just found the answer.

Six is the world's number and sixty is the number that more other numbers and tens go into evenly than any other up to 100.

For centuries the mathematicians of the world have benn puzzling their brains to find out why time was divided as it is. It was accepted by them because it was a convenient and simple way to divide time and they haven't been able to find any way to substitute for it that would do the work. But they didn't know why.

In other words, the ancient Babylonians, the men who invented most of the regular forms that are used in astronomical studies to-day and who lived way back yonder 5,000 to 10,000 years before Christ, discovered the way the world's days should be divided and divided them like that for all time and eternity and the reason they did it was so simple, to them, that they didn't take the trouble to leave any record of it.

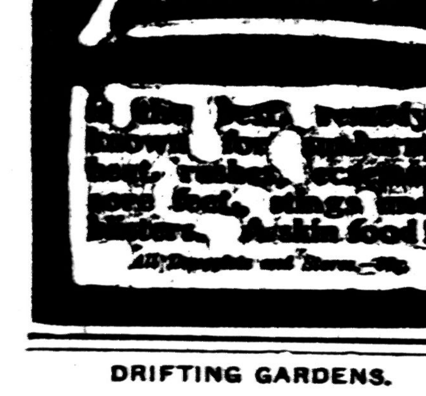
Hence the extreme anxiety of present-day scientists to find out why. They've put in almost as much time on this problem as they have on the discovery of new planets and stars and new ways to judge the weather.

It was only within the past few months that the solution has been found. And that is that the Babylonians, is looking aroun for a figure with which to express time and measurements in astronomical work, were forced to take one that could be most readily divided and would lend itself to the greatest number expressions of fraction. And it did not take them long to settle upon the figures 6 and 60 as the proper ones for this.

Just examine it carefully and reason is very plain. Sixty can be divided evenly by 2, 3, 4, 5, 6, 10, 12, 15, 20 and 30. In short, it can split ten different ways evenly. It was, therefore, decided that this was the figure by which the world should be governed in its more important things and the Babylonians put all their calculations under it. The result is that the ancient Babylonian calendar had every second of the world's time equally divided and is as good to-day as it was then.

On the other hand, the modern calendar is most imperfect and wastes so much time that every four years an extra day must be added to make it up.

The discovery of the reason for the use of sixty in the calculation of time also shows the origin of what is known as the duodecimal system by which commercial quantities were calculated in dozens and gross lots. These two figures are also divisible by the magic figure 6. The Babylonians knew all this thousands of years ago—and it has taken our modern scientists years to figure it out.



DRIFTING GARDENS.

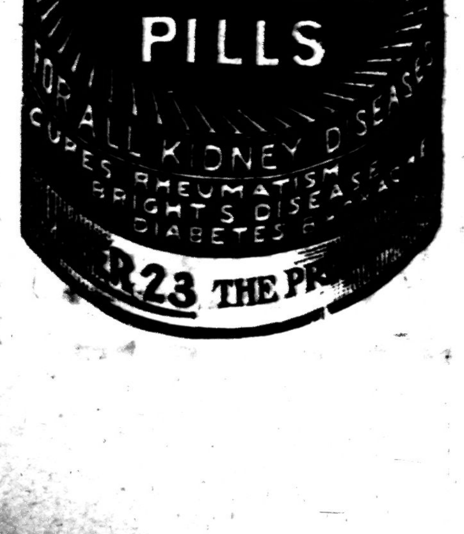
Curious Floating Islands In Mexican Lake.

The imagination of man has always been impress by floating islands were regarded with superstititious reverence, and the romantic story of Delso—the natal isle of Apollo and Artemis—is about one of the many cases recorded in classical literature of vagrant islands in the sea.

Pliny says that in the Lake of Vadimonis there is a dark wood which is never seen in the same place for a day and a night together, and he describes the island called Calaminae (i. e. "made of reeds"), in Lyda, which were not only driven by the wind, but could be pushed about from place to place by poles.

Floating gardens—some natural and some artificial—have flourished in many parts of the world from early times. They are particularly advantageous in regions exposed to floods, where a garden planted on terra firma would be ruined by these occurences, while the floating garden is undisturbed by the rising of the waters. The famous floating gardens of Kashmir are a case in point.

The Lake of Xochimilco, near the City of Mexico, is nearly covered with floating gardens, called chinampas, on which are raised vegetables and flowers for the city markets. They are formed of floating masses of water plants, covered with soil and secured by poplar stakes. The latter take root and surround the island with living hedges.



The Housekeeper

To keep air dry in cellar or pantry, place bowls of unslacked lime on shelves near the food, refilling them with fresh lime from time to time.

To clean white straw hats, brush them over with a mixture of one teaspoon of salt to a dessertspoon of lemon juice. Rinse off with clear cold water, drying in the open air. Be careful to preserve the shape of the hat.

To make a cheap and good substitute for maple syrup, take a cup of brown sugar and two cups of water and boil together until they reach the consistency of syrup; then add four or five drops of vanilla.

If the wooden chopping bowl has the odor of food, soak the bowl in boiling water in which a little soda is dissolved. A tablespoonful of soda to a gallon of water is the proportion.

The most successful way to soften paint brushes when the paint has hardened on them, is to place them in vinegar. Heat the vinegar to boiling point and allow the brushes to stand in it a little while.

To prevent silver discoloring when packed away for the summer, put a lump of camphor in the silver case when putting the silver away. Laying silver away in a box of flour is another way of keeping it bright.

To clean plaster casts, free them from all dust and scrub them with a brush dipped in gasoline. The first washing will leave the gasoline very dirty, so you must carefully wipe the figure and repeat the process with fresh gasoline.

A small watering can, such as used for window panes, is excellent for sprinkling clothes.

Cayenne pepper and borax, mixed and dusted around will free the pantry of ants.

Ask for Minard's and take no other.

WAR AND ARBITRATION.

(London Advertiser.)

If we have found the fighting impulse in the individual controllable, why should it not be controlled in the nation? If it is a crime for two men to shoot each other, why should it be any less criminal for two nations to follow the same course. It may be admitted that there is not only law, but a power to enforce the law, in the case of the individual, which does not exist in the case of the community. All the more reason why law, and power to enforce law, should be adopted and provided for the nations, as it has been for the individuals. The criminality is the same in one case as in the other. And the remedy must be the same, even though there are great difficulties in the way of bringing it into operation.

The highest type of civilization can never be reached until in all things there is the same moral standard for man, whether in his individual or in his collective capacity. That time may not be very near. Human passions may interpose hindrances to its approach. But if we say it is an impossibility, then we give up the hope of humanty; we admit that man is only a brute and that a brute he will always remain.

BETTER THAN SPANKING

Spanking does not cure children of bedwetting. There is a constitutional cause for this trouble. Mrs. M. Summers, Box W. 8, Windsor, Ont., will send free to any mother her successful home treatment, with full instructions. Send no money, but write her to-day if your children trouble you in this way. Don't blame the child, the chances are it can't help it. This treatment also cures adults and aged people troubled with urine difficulties by day or night.

RHINOCEROS IN ENGLAND.

What are stated, on the authority of the geological survey and the officials of the British museum, to be the remains of the head of a hippopotamus and two pieces of an ivory tusk, probably that of a mammoth, have been discovered on the estate of the Cane Hill asylum at Coulsdon in Surrey. There are several considerable fragments of the head of the hippopotamus, which include portions of the jaw with teeth in position, the articulation of the awbones, two of the larger teeth, and some of the vertebrae, and there are also a number of small parts of bone which so far it has not been possible to piece together.

Discoveries of this nature are not unusual, though the remains, as a rule, are not in a good state of preservation. About fifteen years ago the skull and some bones of a hippopotamus were found near Kewbridge. A little later, in a brick pit at Ilford, a number of remains of the pleistocene period were uncovered, including those of a mammoth cave bear and a woolly rhinoceros. When digging for the foundations of the new admiralty buildings the bones of animals belonging to the same period were found. But most of these latter relics were in such a state that it was difficult to say to what species they belonged.

The most important find of this description in recent years was made nearly 10 years ago—in July, 1903—in the course of excavations between Whitefriars streets and Salisbury square. Bones of extinct animals were unearthed. These included a very fine skull of the woolly rhinoceros, together with part of its lower jaw and portions of its limb bones. The specimens were presented to the natural history museum, where htey are now exhibited.

The continuation of these excavations led to the discovery of other remains—bone of the rhinoceros, the mammoth, the reindeer, the horse and the great extinct ox. The woolly rhinoceros is represented by a beautifully complete skull of a young animal, in which were still the milk teeth. Curiously enough, the second half of the lower jaw of the rhinoceros whose skull was found in 1903 was also discovered, and the two are now reunited.

The remains were all entombed in mud, deposited in the valley of the ancient Thames, or perhaps more probabiliq of some small tributary or backwater. Various estimates of the time which has elapsed since these animals lived in the Thames valley have been made, and it is probably more than 150,000 years. At that time the North Sea was a big bay, into which the Thames and the Rhine flowed into a common estuary, and there were no Straits of Dover.—London Chronicle.

Slobbs—Bjones can't see a fight without wanting to get into it. Slobbs—Perhaps it is just as well. It's generally the innocent bystander that gets hurt.

A Bad Heart, Its Cause and Cure

Many, Firmly Convinced They Are Dying of Heart Trouble, Have Often the Strongest Hearts.

Sometimes you wake up at night, heart throbbing like a steam engine. Your breathing is short and irregular; pains shoot through the chest and abdomen, and cause horrible anxiety.

Your trouble isn't with the heart at all. These sensations are the outcome of indigestion, which has caused gas to form on the stomach and press against the heart.

Just read what happened to Isaac Malloux, of Belle River, Ont.:

"Three months ago I was a weak, sickly man. My appetite was poor; food fermented on my stomach; I had sour risings and indigestion. At night I would often awaken with gas in the stomach and heart palpitation.

"I consulted my doctor and used remedies that my friends advised. Nothing helped.

"One day I received a sample of Dr. Hamilton's Pills, and my cure commenced. To-day I have a vigorous appetite, strong heart action, and no sign of indigestion. I feel younger and healthier than ever before."

Your druggist or storekeeper sells Dr. Hamilton's Pills, 25c. per box or five boxes for $1.00. By mail from The Catarrhozone Co., Buffalo, N. Y., and Kingston, Canada.

AN UNDESIRABLE HUSBAND.

(New York Herald.)

Replete with wisdom that would honor a Solomon are the words of Judge Petit, of Chicago, and his comment upon a divorce suit upon which he was passing judgment. A "mamma's boy," one who remains tied to the maternal apron strings, is a most undesirable matrimonial asset, he declared. "His mother believes he can do no wrong, and usually he comes to regard himself a superior being."

This seems, from the erudite Judge's analysis, to be exactly what the man in the case regarded himself, and every time he had a little difference with his wife he ran off to tell his troubles to "mamma."

Men may sometimes feel they have a mother-in-law problem on their hands, but in the opinion of this Chica-- jurist their plight is enviable in comparison with that of the girl so unfortunate as to marry a "mamma's boy."

Evil of Substitution Exposed

A dealer substitutes because he makes more profit on an inferior article. A local citizen was induced to take a substitute for Putnam's Corn Extractor, with the result that the substitute burnt his toes and failed to cure. Putnam's contains no acid and is guaranteed. Always get Putnam's Extractor, 25c., at all dealers.

MAKE THE CONVICT WORK.

(Buffalo Express)

Convicts ought to be worked for their own moral, mental and physical salvation and to pay for the expense to which they put the state. Such of them as are unskilled should be taught trades in prison by which they may earn honest livings thereafter. The first fruits of their labor should go to the state: the residue to their dependent families. They should not be employed in any way which would tend further to degrade them or demoralize the public.

Our Precise Artist

HE WAS STRUCK WITH HIS OWN "GOOD-LUCK."

NO BUSINESS OF THE U. S.

(Pittsburg Gazette-Times)

It is an old saw that when a woman says that she won't she won't, and the British Government can no more make a fanatical suffraget eat than it can make her behave. But nature fails, the loss will not be irreparable. As for serious making. Miss Emerson the subject of diplomatic inquiry, that would be regrettable. She was perfectly aware of the danger of her offense and the certainty of her punishment, and the prison administration of England is not a detail with which the United States has anything to do.

WONDERFUL DELAWARE GOOSE.

James Donovan, an Ellendale farmer, had a pet goose which is a wonder. It is as attached to him as a dog to its master. Donovan is in the habit of taking naps during the warm weather under his large shade trees, and the goose stands beside him picking off flies and mosquitoes as they alight on his sleeping master. Donovan had refused good offers for the goose and is satisfied that, should he sell it, it would find its way back to his home.

A NEEDED INVENTION.

(Ottawa Free Press)

It would't be a bad idea if someone would invent a brake which would work automatically when automobiles obtain more than the maximum speed allowed by law.

QUEEN'S
ARTS, EDUCATION, MEDICINE, SCIENCE, including ENGINEERING. Arts Summer Session July 2 to Aug. 16
HOME STUDY The Arts course may be taken by correspondence, but students desiring to graduate must attend one session.
For calendars write G. Y. CHOWN Kingston, Ont.
UNIVERSITY
KINGSTON . . . ONTARIO

KEEP DAIRY RECORD

And Cut Your Work Down One-third

A decrease of labor with no diminution of income, but with general improvement of results, is a combination which appeals to any one. Labor saving machinery and thoroughly efficient machines might just as well be used by dairy farmers as by any manufacturer. So the questions come: Have we efficient cows? Do they save or make work? Are they so good that they decrease both comparatively and actually the necessary amount of labor in keeping cows, and at the same time increase the income? Every dairy farmer needs to answer such questions as applied to his herd, as he can answer them satisfactorily when he keeps dairy records.

A statement made by the Dairy Division, Ottawa, regarding Ontario cows last year, was that dairymen are keeping sixteen cows to do the work of ten. So it is quite possible to cut down work one-third, and rejoice because possessing more efficient cows. To the scrap-heap with the old junk!

A Quebec dairyman after one year of cow testing writes the Dairy Division that he now gets as much milk from his 32 selected cows as he used to get from his larger herd of 42 cows. Ten inefficients were beefed. Dairy farmers have not time to waste working for poor cows, so make sure that each one pays. —C. F. W.

For Women's Ailments

Dr. Martel's Female Pills have been the Standard for 20 years and for 40 years prescribed and recommended by Physicians. Accept no other. At all druggists.

Gold Nuggets.

How do nuggets of gold originate? Sometimes a mass of the precious metal worth a thousand dollars or more is found. By what process was so much gold compacted into a lump?

An attempt was made not long ago to answer this question. An investigator in Australia cut and sliced and polishd gold nuggets with the sole purpose of finding out just what is their structure. The first thing he discovered was that there is one curious point of resemblance between gold nuggets and meteorites. Both, when polished and etched with chlorine water, exhibit a crystalline structure. In the case of meteorites the lines thus exhibited on the etched surface are called Widmannstattian figures, and their presence is said to be one of the most invariable characteristics of those metallic bodies that fall from the sky to the earth.

But it is not meant to be implied that gold nuggets have fallen from the sky because they exhibit a crystalline structure recalling that of meteorites. The resemblance is apparently only superficial, and the crystals of the nuggets differ in form from those of the meteorites.

Another curious fact is that when a nugget is heated in a Bunsen flame explosions take place on its surface. Blisters are formed, which continue to swell until they burst with a sharp report and bits of gold are violently scattered about. It is evident that the nuggets contain either gases or some liquids or solids which are easily converted into the gaseous form, the expansion of which produces the explosions.—Harper's Weekly.

Minard's Liniment Co., Limited.

Gents.—I have used your Minard's Liniment in my family and also in my stables for years, and consider it the best medicine obtainable.

Yours truly,

ALFRED ROCHAV,

Proprietor Roxton Pond Hotel and Livery Stables.

OVERDOING ATHLETICS.

(Detroit Free Press.)

Is it not possible that the extreme of athletic development is as dangerous as the utter lack of it? A good many of our physicians and students of human needs have been sounding warnings against excess in training exercises for our youth, and the example of Murphy (the recently dead trainer) may perhaps support their cautionary words. It may be that he would in any event have fallen a victim to the disease that carried him off. It may even be that he lasted longer than he would have otherwise because of the persistent exercise he underwent. But he was a man of exemplary habits in every way, and it is hard to escape the thought that his illness and his lamentably early death were caused by the strain he put upon his powers so long and so excessively.

Moderation in all things is generally the wise course. Even in physical exercise it must be best.

Minard's Liniment Lumberman's Friend.

CUT OUT THE FRILLS.

(Detroit Free Press)

We need to cut out the superfluities, which cost so much in time and money. Instead, we are constantly adding to our "a las" and making existence more complex. Women particularly, never see a new frill that they do not at once mentally consider the possibility of incorporating it into their own scheme of living whether it suits their income, social position, needs, or otherwise.

The "roast beef medium" philosophy means sure, safe and sane existence: It means good standards, cheerful simplicity excellent without the chef's experiments, the novelties, the strain of keeping up with others' extravagances.

NEW SUMMER EVENING WRAP.

It is new.
It is Parisian.
It is of taffeta.
It is of a soft color.
Bronze and old gold are good.
It is edged with a pinked ruffle.

The ruffle goes up the fronts and around the neck.

The yoke, which points up at the back, forms the sleeves.

The short sleeves are also edged with the dainty pinked ruffle.

This little wrap laps well at the fronts, is cutaway and full length at the back.

2 IN 1 SHOE POLISH 10¢
Gives a Quick, Brilliant Polish That Lasts
No Turpentine
Easier to Use Better for the Shoes

LACE AND NET.

Both Play an Important Part In Latest Fashions.

Lace is a fad and where lace leads net is sure to follow, and already the most famous couturiers are dealing with it.

A two-tier skirt materialized in Malines net with a lace edging and a very broad band of apple green velvet, half revealed by and half hidden beneath the uppermost tier, is a novelty that greatly pleased its feminine beholders. The net is mounted upon champagne satin, which throws up the ringed design, and into the corsage, which is all of the filmiest description, is tucked a bunch of apple blossoms to intensify the springlike note suggested by the green velvet skirt band.

To continue the topic of lace as a decorative medium in other departments of dress, we find it very splendid in heavy gold worked by hand and repousse designs. A little magnificence of this type is worth more than a lavish display, and thus it happens that mediaeval-looking bullion lace is used for the Medici collar of the evening cloak or the gorgeous full dress toilette, for the crown of a hat of the veiling of a bag.

Quality Butter
That's the kind you make with Maxwell's "Favorite" Churn.—

Maxwell's "Favorite" is used all over the world—in Denmark, the butter country of the world—in the United States, in spite of high tariffs—and in every Section of Canada. Our Agricultural Colleges and Govt. Inspectors recommend it, because it is the finest butter-maker in the world.
Write for catalogue if your dealer does not handle it.
DAVID MAXWELL & SONS, ST. MARY'S, ONT. 94

Unconscious Child Humor.

Teacher—Johnnie, what was the most ferocious animal you saw in the circus parade?

Johnnie—The calliope.

"Now, Edgar," said the teacher to one of the members of the primary class in grammar, "what is the plural of tomato?"

"Ketchup," was the prompt but unexpected reply.

"Now, Jeannette," said the Sunday school teacher to a small student, "can you tell me why God gave Moses the rod?"

"Yes, ma'am," replied Jeannette; "so he could chastise the children of Israel if they didn't get their lessons."—Chicago News.

Minard's Liniment Used by Physicians

A DAY IN MAY.

(Chicago Tribune)

No day to work. A day to sit with your back against the sunny side of the house and listen to the warblers—such as warble —and the thrush—when it gets towards evening—and to the hens going ecstatically or amiably into the egg business and into turned mold of their neighbors' and look at the shad bush and the apple gardens. No day to work. A day to sit trees, the wild crab trees, the budding oaks, and the lilac and sniff perfumes between times of filling a corncob pipe.

A little nippy, but just enough to make the sunshine grateful and enough to make the sky a crystal cover and the air a tonic. A good day for golf, a good day for spading, a good day for almost anything, but a perfect day to be an ethetic vegetable and vegetate.

THE HOLY NAME CLUB.

(Montreal Herald)

From time to time the police make attempts to suppress profanity and filth which are so common on our streets. Occasionally, convictions for this offense are recorded in our police courts, but there is but little hope of permanent improvement by these means. The foul mouthed blackguard of the crowd should be punished whenever he can be caught, but we have more hope of permanent improvement through such work as the Holy Name Society is carrying on. We would be glad to see various Protestant denominations take a hand in the propoganda of this Society and carry on its work with all their might and irrespective of creed.

Keep Minard's Liniment in the house

Care of Brooms.

(By Caroline Coe.)

Buy brooms in pairs. You will save money by so doing. Give one a bath and allow it to rest a day and see how fresh and new it seems. Dip the broom into hot soap suds. Try it on wash day. Dip it in until the suds are clear. Then dip the broom into clear hot water and hang it in a draught to dry. You will be surprised at the amount of dirt you will find. Be sure there is a hook or screw eye screwed into the end of the handle to hang up the broom. More "one sided" brooms are made from standing on the floor in a corner than from being worn by sweeping. Do not use the same broom for all parts of the house. One that has been used in the dining room may be in such a condition as to ruin a valuable rug.

ISSUE NO. 25, 1913

HELP WANTED.

LADIES WANTED TO DO PLAIN and light sewing at home, whole or spare time; good pay; work sent any distance; charges paid. Send stamp for full particulars. National Manufacturing Company, Montreal.

FOR SALE.

FOR SALE — MOTOR, RUSSELL Knight, in good condition; new tires. Price $1,000. Frank Cockshutt, Brantford, Ont.

REAL ESTATE.

3,000 FREE HOMESTEADS AND Improved Farms, $15.00 to $45.00 per acre. Best Grain and Mixed Farming country. Write Commissioner, Board of Trade, Humboldt, Sask.

"GOOD, RICH MILK"

Tests Show It Is Sometimes Very Poor.

The critical consumer of milk may give a snap verdict on the glass of "good, rich milk" given him in the restaurant or at home, and may vaguely wonder what percentage of fat the milk is supposed to contain. Certain standards of richness are fixed by various countries and by muncipalities, while some purchasing companies and dealers also set a standard below which the milk must not fall.

The knowledge of the average test of the herd, interesting as it is, is not as valuable to the progressive dairyman as a knowledge of what each cow's milk tests. Whether it is 2.9, 3.4, 4.5 or 5.6 per cent. of fat depends on various factors, and can only be ascertained after systematic sampling and testing. Such testing sometimes reveals curious facts. A pet cow, whose "good, rich milk" was reserved for table use, was recently discarded by a farmer when cow testing proved to his dismay that her milk was nearly the poorest in the herd.

The average test of the herd is a vital matter to every dairyman whose milk is paid for at the cheese factory by the test; it is of decided importance to both creamery manager and patron when considering the by-product of skim-milk for feeding, and the loaded wagon for the cream hauler. For two lots each of 16,500 pounds of normal milk may contain either 500 or 900 pounds of fat; one lot is scarcely the best for cheese making, while the other would be "good, rich milk."—C. F. W.

Dominion department of agriculture, branch of the dairy and cold storage commissioner.

CHILDHOOD COLIC COMPLETELY CURED

No other medicine will so quickly cure colic as will Baby's Own Tablets. They regulate the bowels, sweeten the stomach and drive out every trace of this trouble. Concerning them Mrs. Wm. A. Smith, Rockhaven, Sask., writes: "I like Baby's Own Tablets, and always keep them in the house. Whenever my baby has colic I give her a couple of Tablets, and she is soon well again. I know of no other medicine for little ones to equal them." The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

PLEATINGS.

—We have them.
—Yet we remain slender.
—Chiffon blouses are accordioned.
—Neckwear is very much side-pleated.
—Plaited wrist frills are worn by many.
—Wee pleatings edge the net collar and cuff sets.
—Fine lawn is also much pleated for finishing touches.
—A double plaiting is down the front of one lovely lingerie dress.
—Accordioned skirts manage to look as clinging as any of them.

FLEET FOOT
Outing Shoes

For Everybody
THE PERFECT SHOE FOR SUMMER SPORTS
ASK YOUR DEALER.

One Hero's Escape.

William Ehrlich, so frail that he weighs only 72 pounds, although he is thirteen years old, is a hero in his east side home, but not from his own telling. He led two other little lads in diving to rescue a four-year-old boy who had tumbled off a wharf into the East river. With his clothes dripping William went home, conscious that he would "get a licking" as his mother had warned him not to go near the water.

He was lying across his mother's lap ready for business when a policeman called to tell Mrs. Ehrlich how brave a lad he had proved himself. William escaped spanking and had a hug instead.—New York correspondent Pittsburg Gazette-Times.

If your oven is too hot, a basin of cold water placed in it will soon lower the temperature.