



Louis H. Eilken Working in His Laboratory While His Wife and Baby Watch His Experiments.

Out of a dingy, home-made labora- | employed in the Biebrich Dye works in tory in the congested apartment house Germany. There, as in all other dye district of San Francisco has come the factories in Germany, the secret procannouncement of the discovery of a process for the manufacture of aniline facturing business of Germany was dyes which, it is claimed, is equal in founded were closely guarded. every respect to those which have en-

the world for so many years. The man who claims to have discov-

ered the secret for which so many have baffled scientists all over the world. been seeking is Louis H. Eilken, a At last, he claims, success has crowned young chemist who ten years ago was his labors.

esses upon which the great dye manu-Since coming to America the young abled Germany to hold the markets of chemist has spent every waking hour

in his little laboratory striving to discover the secret formulas which have

# Well. Here It Is at Lastthe Telephone "Silencer" for

Studies in Philology. "There are a great many new verbs in use."

A Few Smiles.

"Name some of them." "Well, there are the verbs, 'to film,' 'to bomb' and 'to gus'."

"That just shows what a hold slang has on people. I always thought the verb 'to gas' was of ancient origin. dating back to the earliest politicians."

### Up in the Air.

"And you never fell in love with a bareback rider in a circus when you were a boy?"

"No, indeed. I looked higher." "You must have had a good opinion of yourself.

"You don't understand. I mean I fell in love with a trapeze performer In pink tights."

Elusive Mechanism.

Which the World Has Waited

"silencer" for telephones has A been in urgent demand for many years and many inventors have exercised their ingenuity on such devices. The patent office records show that about eighteen of them actually have been patented. Many of these suc ceeded admirably in the object they sought-namely, to make the voice of the talker inaudible to those around him, but succeeding in that they made the voice inaudible also to the listen-

er at the other end. Furthermore, the telephone company will not permit any device, good or bad, to be attached to its instru-

One of these inventions that effectually silenced the speaker's voice was that of Maximilian Weil, electrical engineer of New York. When put into

NOT ALL HAVE JOYOUS TIME HONEY'S MANYUSES "Waliflower" Finds Ballroom a Place Where Beauty, Not Cleverness,

Is Sought Out.

The fourth dance was nearly over and she was still sitting by the wall, her hands clasped in her lap and her blank program dangling by her side. The expression of pleasure which had been spontaneous at the beginning of the evening, had become fixed and strained through the long period of walting. At last the music ceased and the dancers, flushed and laughing, scattered about the hall.

The girl rose stiffly and tried to mingle with the crowd. A few acquaintances nodded absently, then moved away. Bold in her distress, she elbowed her way into a noisy group and laid her hand timidly upon the arm of one of the girls.

"That's a pretty dress, Marie," she said, trying to smile. "Thank you. Are you having a good time?" "Lovely," she answered, with a brave attempt to smile. Her friend hesitated: then turned deliberately to her own coterie.

wallflower stood awkwardly The outside the closed circle; then pushed toward another group. The music started up; there was mad confusion, and the girl was caught in a scurry of young men finding their partners Left alone in the middle of the floor and buffeted by the dancers, there was nothing for her to do but seek the wall again.

Her cheeks burned in confusion as she found herself again surrounded by vacant chairs. She moved to the side of two girls sitting farther down the hall. For a moment she felt less conspicuous; but both girls were claimed by their partners and she was again left alone against the wall. Pretty girls glanced at her with genuine pity; girls of uncertain popularity eyed her scornfully as they passed.

At last, blinded by a rush of hot tears she arose and went from the music and merriment into the silence of the deserted dressing room.

# DRAW MOISTURE FROM WATCH

#### Timepiece is Not Necessarily Ruined If Unfortunately It Has Been Water-Soaked.

What to do with a water-soaked watch is often a problem when one is caught in the wilderness, or in a community where no jeweler is to be found. Lack of knowing what steps to take often results in much expense, if not in the utter ruin of the watch. Watches made with both a screw face and screw back may be dried easily by removing the front and back, emptying the watch of as much water

as will run out, reversing the crystal, screwing it on the back of the watch, and then laying it where the sun will have a chance to reflect through the

The heat of the sun on the crystal will draw the moisture from the works in fifteen or twenty minutes, says the Technical World. If water still remains in the works, the crystal may be unscrewed, wiped and replaced,

and the process repeated. After the sun fails to draw any more of the water out of the glass it is safe to conclude that there is no more in the works, and the oil origi-

## ARTICLE REALLY IS NOT PROPER LY APPRECIATED.

Healthy and Economical Food Should Be Far More Widely Used Than It Is-Some Ways to Employ It.

Honey is one of the healthiest and most economical foods, and it is not delicious, but has invaluable only medicinal qualities. It cannot, of course, take the place of sugar, as sugar is more convenient, for one thing, but it is better adapted to certain cooking than sugar and its flavor is an aid in securing that variety which all cooks are seeking.

For instance, cream cheese and honey, either liquid or in the comb, makes a delicious and healthful combination.

Two ounces of honey and six ounces of strawberries, with three ounces of cottage cheese, two ounces of bread and two-thirds of an ounce of butter. the latter either spread on the bread or mixed with the cheese, makes a very well-balanced meal.

As a filling for sandwiches, honey may be used with chopped nuts, or the nuts may be added to cheese and honey for the same purpose.

Honey can be used instead of sirup or jam with cereals and pancakes, and will be easier to pour. It is more cop venient than sugar for sweetening lemonade or other fruit drinks, as it does not have to be dissolved. With charged water it has less of a tendency to expel the gas. Solid honey makes a delicious filling for cake.

It may be substituted for molasse in all forms of bread and cake cookery, and gives a more delicate flavor. It contains less acid than molasses and so requires less soda in recipes which form when poured into cold water. Beat the white of the egg until stiff, and when the sirup has cooled slightly pour over the egg, beating the mixture constantly until it will hold its shape. This frosting is suitable for use between layers of cakes, but is rather too soft for the top.

Cakes made with honey will keep fresh much longer than when sugar is used. Indeed, if butter is omitted they will keep for months, and even improve in flavor.

Honey can be used in a variety of ways for preserving. A good jelly may be made by combining a cupful of apple juice with a cupful of honey and proceeding as in ordinary jelly mak-Other combinations of the sort ing. could probably be worked out.

Cranberries cooked in honey and water are delicious. Take equal weights of each of the ingredients, and after pricking each berry several times to prevent bursting and permit the sirup to penetrate to the interior. cook them slowly until they are soft and boil down the sirup until it just covers them. Pour into glasses and cover like jelly. A good method is to place all the ingredients in a double boiler and heat them very slowly. If ports .- Wide World Magazine. this method is followed the boiling down of the sirup is even more necessary than when the berries are cooked more rapidly. Honey is good to use with sugar for candles, because it soft. it to rem

# OWED SUCCESS TO CHANCE Accidental Discovery Enabled Man to

**Build Machine That Simplified** Diamond Separation.

A young man in the Kimberley diamond mines had been experimenting for months in an effort to find a way to separate diamonds from other stones so as to eliminate the tiresome, tedious, hand-picking process. His efforts and labors had all been in vain, but he refused to be discouraged and adhered to his purpose.

One day he was working at his bench when a small diamond and a garnet happened to be lying on a board before him. In some way he tipped the board at such an angle that the two stones rolled together toward the edge. It happened that there was a small grease spot on the board, and when the diamond reached it, it was stopped and held, while the garnet passed on and fell over the edge. Wondering whether this had been a mere accident or whether the grease possessed the peculiar property of attracting diamonds and allowing other stones to pass over it, he tried again and again with the first diamond and with various others and found that if a board were coated with grease and vibrated slightly while held in an inclined position the diamonds placed on it would be caught and held by the

grease, while all of the other stones would roll off He at once set to work and as a result of his accidental discovery soon built a machine which was a success from the very beginif a little hot water is added to it it ning. In a short time it was doing all of the work that had formerly been done by hand, saving considerable time and expense in the operation .--Pathfinder,

# FIRST "DICTAGRAPH" IN USE

#### "Ear of Dionyslus" Got as Good Results as Does the Modern Invention for Use of Eavesdroppers.

Sicily is rich in Greek antiquities. Some of the best are clustered together on the outskirts of the old town of Syracuse. A very popular one is the "Ear of Dionysius," in the Latonia del Paradiso, an old quarry used as a prison by the Greeks. The walls of this quarry are over 100 feet high, and lean inward at an angle of about thirty degrees-all chisel work, done by innumerable slaves. The idea was to prevent any possibility of escape on the part of the hapless prisoners confined here, and as a further precaution Dionysius had chizeled out in the solid rock a vast cavity, very similar, as seen from without, to a human ear, by means of which he is said to have listened to the conversation of the captives. The interior of the cavity is in the shape of the letter "S. and gradually tapers until at the extreme summit you might perceive a small hole through which the daylight comes. It was here that Dionysius did his eavesdropping. The acoustic properties of this "ear" are extraordinary, the slightest whisper being distinctly audible, while a loud noise like the slamming of the door which

gives access to the "ear," produces a rapid succession of deafening re-

Successfully Fights Pneumonia. The open-air treatment of acute pneumonia is reported by Dr. G. E. Rennie to have achieved notable suc cess at the Royal Prince Edward hosother hand, are optimists. Which is pital of Sydney, Australia. For seven right?" He paused, then added: "It's easier to slip down hill than to years Doctor Rennie has kept his own climb up, but the view, remember, is at the top."



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ements of the purchase

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\$1.50; Double, \$2.00.

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### Secret Worth Buying.

Mr. Rounder (at police station)-Can I see the burglar who was arrested for breaking into my house last night?

Chief (hesitatingly)-Well, I don't know. about? What do you want to see him

Rounder-Oh, there's nothing secret about it. I just want to find out how he managed to get into the house with out waking my wife.—Boston Transcript.

### Ouch.

They were sitting in a secluded cor-ner of the veranda. For a long time neither of them had spoken. Suddenly he took her little hand in his. His voice was choked with emotion as he said:

"Do you think you could ever learn

"Yes," she interrupted in a soft whisper. "Bring on your man."-New York World.

Dr. Pierce's Pleasant Pellets are the original little liver pills put up 40 years ago. They regulate liver and bowels.

#### True View.

The late James J. Hill, the railroad

crystal

ments. actual practice it was found that this | nally on them, warmed by the sun,

so dulled the voice that the listener | lubricates the parts.



mouth shut."

yet? "No." replied discouraged the motorist. "Every time I take an inventory I find something miss-Ing."

Doesn't Talk Back.

"You say Mr. and Mrs. Twobble have never exchanged a cross word?" "Exactly,"

"Are you sure of that?"

#### Added Responsibilities.

"You've heard the old saying that a woman's work is never done?"

"Oh, yes," replied the cynical man, "and the curious thing about it is that It originated before women got the notion that they were called upon to run the earth."

#### The Reason.

First Wedding Guest-There seems to be a coolness between the two mothers-in-law,

Second Wedding Guest-Yes; each one thinks her offspring is too good for the other.

#### Could Be Replaced. Mrs. Newed

(sobbing)-Oh, J-John! The c-cat has e-caten all the n-angel cake I baked this mmorning. Boo-hoo-00!

Newed (consolingly)-Well, don't cry or worry about it, dear ! I'll buy you an-

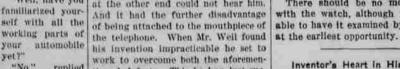
other cut in the morning.

Typical.

1000

"That shabby looking old gentleman has discovered a comet."

"Well! Well!" "But he's a typical scientist. He can't find his way to the post office." | him to great deeds.



tioned defects. This he has just succeeded in doing with an invention he calls the "privaphone." The man using it cannot be heard by those sitting alongside of him, but he is heard distinctly at the other end of the line, And the instrument is not attached

to the telephone, which it does not even touch. Therefore, the telephone company cannot object to its use.

The person using the privaphone puts it to his mouth and talks into it in the usual way, holding it directly "Quite positive. Mr. Twobble is a forward and a few inches away from man who knows when to keep his the telephone mouthpiece, says the New York World. His voice is maudible a foot away, but the telephone picks it up and transmits it clearly as if he were talking directly into it. The instrument is so small that it can

be carried in the pocket, enabling every person to have his individual mouthpiece that is unused by anyone else and that can be used with any telephone, thus making not merely for privacy, but for sanitation.

The principle upon which this instrument works cannot yet be told, as Mr. Well has only just applied for a patent.

## Hit or Miss. Time is a worker that accomplishes

nuch. Only a woman's temper is as warm is her love.

The less faith other people have in man the more his wife has. A poor man should be polished, for

he receives many hard rubs. The man who tries to lengthen his nights is apt to shorten his days, Some men who live by their wits have to get along on very small cap-

itnl. An old bachelor says a woman's

heart is like a honeycomb-full of sells

Even when a leap year girl gets turned down she can't help but admire the young man's judgment.

The average girl would rather hear a young man say he is fealous of her knows the heaven like a book and than have him tell her she inspires

There should be no more troubl with the watch, although it is advisable to have it examined by a jeweler

Inventor's Heart in His Work. Ramaden, the father of the modern screw, was an unusual inventive geni us, and the demand from all parts of Europe for his incomparable inventions was greater than could be sup plied by the constant labor of 60 workmen. His life was one of extreme frugality. He ate and slept little and studied much.

Most of Ramsden's evenings were spent drawing plans by the kitchen fire, a cat on one side, a mug of porter and plate of bread and butter on the other, while some apprentices sat around and he whistled or sang After explaining a design to a work man he would say: "Now, see, man, let us try to find fault with it," and intelligent suggestions generally led to amendments. But if a completed instrument fell short of his ideal it was invariably rejected or destroyed, with the exclamation: "Bobs, man, this won't do; we must have it again!"

#### The Prefix "Pan."

The prefix "pan" is derived from the Greek "pas" (pant) meaning "all." It is a combining form found in words of Greek origin, and is also used before (embracing all harmony or every mode of harmony). The meaning is similar in such words as Pan-American, Pan-Egyptian, etc., but does not apply to to a narrow strip of one political division extending between two other divisions, as the Panhandle of West Virginia, the Texas Panhandle.

Water Main Trouble Overcome The curious pulsations of a 50-inch water main, which regularly rose and fell like the chest in breathing, were brought to notice by W. F. Wilcox, an Alabama engineer. The variations in pressure at each pump stroke gave a motion of five-thirty-seconds inch. which seemed much more, and the al- this will make them light and fluffy. ternate flattening and expansion caused a crack two miles long on the surface of the ground. The trouble was remedied by providing a suitable air chamber to take up the pulsation.

To Mend the Screens.

#### The broken door or window screen is an eyesore all summer if it is left unmended, or the repairing is done clumsily. The neatest way to mend the acreen is to cut a piece of wire notting about three inches larger than the hole. Remove the wires around the edge of the natch for half an inch or more, like drawing away the threads from a piece of linen. Bend the resulting prongs at right angles and fit the patch in place with the wire ends sticking through the screen. Press the patch flat exainst the larger surface, then on the other side press the ends back to their original posltion. This secures the patch.

#### Small Baked Mackerel.

After splitting and cleaning fish place in a buttered dripping pan, rapid. Sprinkle with salt and pepper and cover with one-half cupful of thin cream. In place of the cream twothirds of a cupful of milk and a little butter may be used. Bake in a hot oven for 20 minutes.

Asparagus on Toast. Wash asparagus, cut off the bottom of stalks. Then cut off the rest of the hard part and put these to boil in put in tops and boil till done. Toast bread, butter, and heat milk, put asparagus on toast, pour the milk over, add pepper and salt to taste.

#### Apple Sauce.

Roast goose, duck or pork should have apple sauce. First pare, core and quarter a pound of apples. Boil them till soft in a saucepan, with half a cupful of water. Add an ounce of sugar and half an ounce of butter and eat them up.

#### Light and Fluffy Potatoes.

After the potatoes have been mashed and the milk added, add a pinch of baking powder and beat it with an egg-beater. You will find that

#### To Keep Brooms.

Soaking a broom in hot water be-fore using for the first time will make the bristles stronger and add many months to their life.

patients in the open air night and day, and quite recently this plan has been adopted for all pneumonia cases in the hospital. Recovery has been rapid in cases that would have re sulted fatally under the old method. The ordinary conditions of a close hospital atmosphere are very favorable for the development of the pneumonia germs, and besides expose to mlcrobes liable to set up a secondary infection. The fresh air, comparatively free from bacteria, gives the more perfect aeration of the blood needed. The artificial use of oxygen is rarely necessary as formerly, there is much less

difficulty of breathing and impairment of circulation, the patients sleep better, the tongue is cleaner, the appetite is nearer normal and convalescence is

Risky Revenge. Paganini, the wonderful violinist, had a narrow escape at Ferrara from a violent death. Enraged by some hissing from the pit, he resolved to avenue the insult and at the close of his program informed the audience that he would imitate the language of various animals. After having rendered the notes of different birds. salted water and boil till tender. Then the mewing of a cat and and the barking of a dog he advanced to the footlights and saying, "This is for those who hissed!" imitated the braying of an ass. At this the occupants of the pit rose, rushed on to the stage and would have killed their calumniator had he not hastily retreated.

Still Believe In "Fortune Telling." "Speying" fortunes is evidently still a lucrative profession in some parts of Ireland. At the court at Balymony an old woman was tried, recently, for telling the fortunes of a farmer and his wife and obtaining \$37 for doing it. It appeared that the farmer and his wife were in such great fear of the prophetess that they "crossed her palm" to the extent of all the money they had in the house. Afterward they recovered their courage sufficiently to inform the police. with the result that the old woman was apprehended and sentenced to three months in prison.

## Sometimes Apply It Lightly.

For cuts, burns, scalds, sores and open wounds always apply Hanford's Balsam lightly, but be sure that it covers and gets to the bottom of the wound. A few light applications are generally all that is needed to heal this class of difficulties. Adv.



Washington Park, Ill. - "I am the mother of four children and have suffered with female

trouble, backache, nervous spells and the blues. My chil-dren's loud talking and romping would make me so nervous I could just tear everything to pieces and I would ache all over and feel so sick that I would not want anyone to talk

to me at times. Lydia E. Pinkham's Vegetable Compound and Liver Pills restored me to health and I want to thank you for the good they have done me. I have had quite a hit of trouble and worry but it does not affect my youth-ful looks. My friends say 'Why do you look so young and well?' I owe it all to the Lydia E Pinkham remedies." -Mrs. ROBT. STOPIEL, Moore Avenue, Washington Park, Illinois.

We wish every woman who suffers from female troubles, nervousness, backache or the blues could see the letters written by women made well by Lydia E. Pinkham's Vegetable Compound.

If you have any symptom about which ou would like to know write to the Lydia E. Pinkham Medicine Co., Lynn, Mass., for helpful advice given free of charge.

English adjectives, as pan-harmonic Panhandle, this being the name given