

Wave Power Transmission Hailed as Newly Come Conqueror on Industrial Horizon.

### IS INVENTION OF AN ITALIAN

New Method Is Coming Into Practical Use-Piles Driven and Granite Drilled - Not Same as Hydraulic Power.

New York .- Unheralded except waves," he went on, "travel through among a narrow circle of engineers water at the rate of about 4,707 feet and technicians in England and Italy, a second. The machines are built to a new method of harnessing water, in- work at forty impulses or cycles a secvented only a few years ago, is com- ond-2,400 per minute." ing into practical use. We make the waves of the air work for us in a thousand ways, and through ages have striven to chain the tides to machin- transmission piping are on the marery, but wave power transmission is ket now in England, and tools of a hailed as a newly come conqueror on good many kinds are obtainable-rock the industrial horizon. It is, says drills, riveters, coal cutting drills, disc Mother, now stands in front of the land barroom-the only one now open Marian Storm in the New York Post, and chain type coal-cutting machines, by no means the same as hydraulic impact screens, concentrating tables, transmission of power in the sense even piledrivers." now popularly used, and it proposes, in certain fields, to rival electric transmission.

Capt. L. G. Culleton, R. E., who is some one reflected. at present in New York, and who is a friend of the Italian inventor of the system, George Constantinesco, talked coincidence," Capt. Culleton answered. of course, a description of the method pacity, resistance, condensers, transcannot be given without some technical formers, single-phase and poly-phase power will even chase electricity out terminology.

#### The Principle.

thing imaginable-if anything, simpler | power machines. than the transmission of electric current over a wire," he sald. "You wonapplied before, since theorists have discussed it so much.

"The principle of the system differs fundamentally from the usual conception of the hydraulic transmission of power, where liquid is made to flow through the system. For in wave power transmission the liquid does not flow, but power is handed on from particle to particle of the liquid, these vibrating about a mean position and transferring the impulse received from one to another, until at last the power received at one end of the system has been delivered at the other end." So far it seemed quite understand-

able. "These impulses in the form of

"What are some of those machines -what can they do?"

"Well, wave power generators and

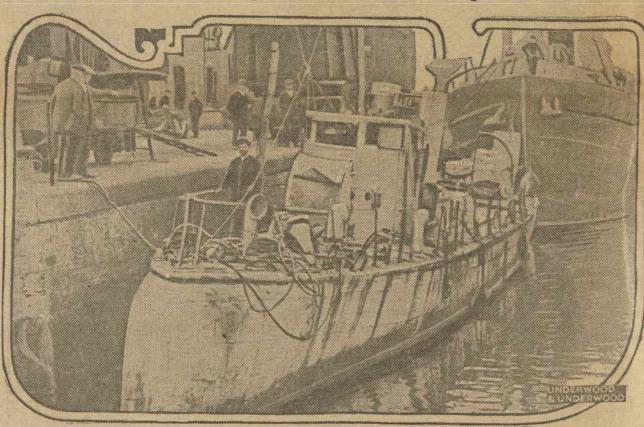
"Wave power transmission doesn't ing current electrical transmission,"

#### Wave Transmission.

"There is a similarity, and it's not battle planes. he believes wave power transmission and electrical transmission are inter- ventor: "As long as your pipe is is destined to render when the theory changeable. You'll be interested to strong enough to do the work, the is more commonly known, declaring it know that in wave transmission there power imparted to the particles at comprehensible to almost every one in are the equivalents of what we call in one end of the pipe line by the gendays when little boys build their own electrical practice volts, amperes, fre- erator can't help being delivered at airplanes and automobiles, although, quency, angle of phase, induction, ca- the other end.

systems-' He was interrupted by the question

the war the British government took tically a monopoly in these fields."





This beautiful statue, the Gold Star building of the Chicago Historical so ciety.

He explained how docile water must with enthusiasm of the service which "Many of the laws that govern wave needs become in the grasp of this in- chat with him.

"Do you think, then, that wave of the field?"

"No, certainly-but it can be used "The transmission of power through whether anybody could conscript his in cases where it is not desirable to a pipe full of water is the simplest private pond for service by aid of wave use electric power, or in fields where electrically operated machines do not "Oh, naturally, world-wide patents give the best results, as in mines, or cover the storage of energy in liquids. in boiler shops and shipyards where der why it has never been practically Experimental work has been carried direct vibratory machines are required on in England since 1914, and early in Compressed air at present has prac-

## Last Night's Dreams -What They Mean

#### DID YOU DREAM ABOUT DRINK. ING?

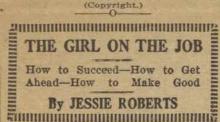
N OW that booze has "gone glimmering through the dream of things that were" it is interesting to investigate the alcoholic conditions in Dreamland, "Where there ain't no Ten Commandments and a man can raise a thirst."

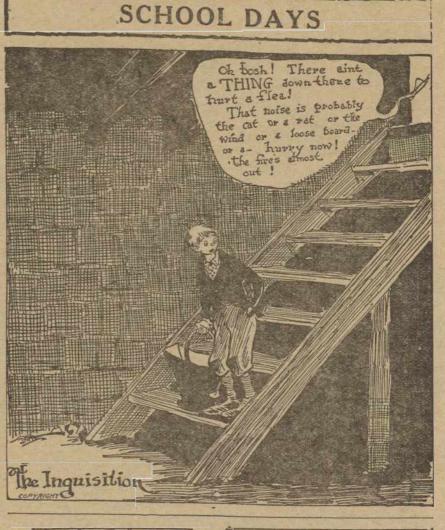
It is not too much to say that the situation there is positively shocking, and the drys ought to get busy at once in the realm of shadows. Old boozefighters, now reduced to taking their tipple and consorting with their inebriated associates in Dreamland only, may gather what solace they can from the fact that oracles and soothsayers regard as of generally favorably omen dreams in which the late John Barleycorn conspicuously figures. And it may be laid down as a rule that if you take your "licker" in dreams alone it won't hurt you. In fact, it will have just the contrary effect to taking it over a real bar. To go into a Dream--and there, seeing old acquaintances, say "What's your's, boys?" indicates, if everything is pleasant and convivial, that you will soon embark in some new seem so very different from alternat- over the entire experimental plant and speculation or business which will be made all the patents secret, but I un highly profitable. Should one of these derstand that considerable use was dream-friends refuse to join you, demade of the system in equipping allied claring that he is on "the waterwagon" you will soon meet an old friend and have a long and pleasant

To dream that you are drunk and have accumulated your jag from Dreamland booze indicates that riches and honors, now wholly unforeseen, are to come to you; probably through making the acquaintance of a man now unknown to you who will put you in the way of making your fortune. To the unmarried man it signifies that he is beloved by a woman of whom he has, as yet, scarcely thought, and that she will make an excellent wife. But to dream that you have tasted no liquor and yet are drunk is accounted a bad sign. You will soon commit

some foolish action. If you dream that you got drunk on water you are going to boast of your rich relations, and of wealth which you do not possess. Also, to see another man drunk means that you will do something foolish.

It is but fair to the oracle and soothsayers to state that these dream interpretations were expounded years and years before the dry amendment to the Constitution was thought of.





We play at our house and have all sorts of fun, An' there's always a game when the

- supper is done.
- An' at our house there's marks on the wall an' the stairs An' ma says that our house is really a

fright, But pa an' I say that our house is all right.

-Edgar Guest GOOD THINGS FOR THE TABLE.

A nice spice cake which will keep moist a long time is the following:

#### Spice Cake.

Cream one-half a cupful of butter, add one and one-half cupfuls of brown sugar, two eggs without separating, one-half cupful of coffee and two cupfuls of flour sifted with three teaspoonfuls of baking powder and one teaspoonful of cinnamon, one-half teaspoonful of mace and one-half teaspoonful of clove. Add the coffee alternately with the flour and bake in a loaf pan.

#### Peanut Butter Fudge.

Boll together two cupfuls of brown sugar and one-half cupful of milk; when a soft ball is formed by dropping a little in cold water, add one-half cupful of peanut butter, reheat until melted, pour into a buttered pan and mark in squares when partly cooled.

Cereal and Nutmeat Chops.

### THE ROMANCE OF WORDS

#### "KANGAROO."

W HEN Captain Cook's expedition anchored off the coast of Australia one of the first things the explorer did was to send some of his men ashore with instructions to bring back specimens of the plants, flowers and animals which appeared to be distinctive of the country. Two of the sailors returned with a beast which had extremely long hind legs, short fore paws and an exceptionally well developed tail. Cook, who had never seen anything of the kind, desired to learn something more about the strange animal and sent the men back to discover by what name the natives called it.

Upon their return they reported that the nearest they could come to it was "Kan-ga-roo." "At least," as one of the men declared, "that's what all the natives said when I pointed to the animal." So, when Captain Cook returned home, he brought with him the body of an animal which was introduced to natural history under the name "kangaroo."

It was not until a number of years later that it was found that "kan-ga-roo" was the Australian equivalent for "I don't know," which was the reason that the natives said this when Cook's men asked them a question they didn't understand! (Copyright.)

## Crewless British Torpedo Boat Picked Up in Channel

The French trawler Wagram recently arrived at Plymouth, England, with the British torpedo boat 0-76 in tow. The Wagram had picked up the little war vessel while on her way to Boulogne. No trace could be found of the torpedo boat's crew.

treasure seekers for years.

# **Strangers Seek Buried Treasure**

### Hidden a Century Ago by Counterfeiters on Shore of Lake in Maine.

EPISODE IS RECALLED ULD

Gang Worked in Secret for Many Years, but Refrained From Passing Any of Their Product in the Neighborhood.

somewhere along the shores of Money- quarter of a century. maker lake, between Robbinston and Moneymaker lake is surrounded by advanced upon Ball. The latter fired, Red Beach, well-nigh forgotten by the a heavy forest growth and is in a bringing down the officer at the first few residents of that section who ever somewhat inaccessible place in north- shot. Other officers later captured mind.

strayed some distance from home in dwelt in a cabin on the shore of the and was executed. search of trout brooks, which might lake and pursued their unlawful em- Before his death by hanging the you are doing and the work of the orfurnish better sport than those nearer ployment of making money, chiefly counterfeiter said that a large sum the settlements, came upon two men imitations of silver coin.

first and he watched them while they until one day, almost a century ago, He said most of the money was in toiled in two or three spots. Later, a Robbinston farmer, looking for some genuine silver coin, the spurious monwhen he accosted them, they told him cattle which had strayed from his pas- ey having been distributed elsewhere. them, and as Moneymaker lake has ployment. He was seized by the three tried vainly to find the hidden hoard, minutes and it will quickly disappear.

lawbreakers and carried into their cabin. Ball, the leader of the gang, was in favor of killing the visitor to make the firm, clippings from a large numsure that there would be no evidence ber of papers, and to leave these on against them.

Ball would probably have killed the over these slips. She began arrangfarmer, but Smith was determined ing them according to topics, and she that the crime of murder should not fastened to each bunch of clippings a no fish worth catching, the boy thought be his, and a compromise was efthis explanation somewhat remarkable. fected. The farmer was obliged to made. It wasn't much perhaps, but When he reached home he told of swear by the most binding oath that it looked good to that employer. He his adventure, and at first none could he would not reveal his discovery, and kept his eye on that young woman. account for the presence of strang- was then permitted to go.

ers or for their actions until one of The farmer, after his return home, the older residents of the town de- hesitated between his fear of the coun- bility of issuing a small pamphlet clared his belief that the two unknown terfeiters and his sense of duty for a made up of items from these clipmen were seeking the buried treasure day or two, and then told the town pings, a monthly record of what apwhich has lain in secret for almost a authorities what had befallen him and peared in the public prints that was century and has defied the efforts of what he had discovered. Deputy Shermost to the point. The Idea was iff Downes started for the forest at adopted and worked well. Long ago many men labored dili- once, along the route described by gently along the shores of the lake, the farmer.

but the search was abandoned, and Before reaching the cabin of the vertising manager to that employer, Bangor, Me .- The fact that a for- until this week no one had been known counterfeiters the officer came upon at an excellent salary. And she will tune lies buried in the dense forest to have hunted for the treasure for a Ball, who was doing sentry duty. To farther. Deputy Downes, a courageous man. knew it, has again been brought to ern Washington county. It derived its Ball, but Smith and Blaisdell escaped created. You do need to be interested name from a gang of counterfeiters and have never been heard from since. A Robbinston farmer lad, having who, early in the nineteenth century, Ball was tried, convicted of murder ready to develop its possibilities, to

of money had been hidden by him digging under some giant spruce trees Later their names were known to at the foot of a tree near his cabin, is hard. It leads nowhere, and it is bear the shores of Moneymaker lake, be Ball, Smith and Blaisdell. Here but he defied any one to find it, and boring. Keep alive in the job you are The men did not observe him at they lived for many years in secrecy refused to tell its exact whereabouts. in.

### THE JOB ABOVE YOU

T IS perfectly legitimate for you to be keeping an eye with a view to future possession on the job above you. Some of us have perhaps reached the pinnacle of our ambition, but that number is small. There is something ahead that is better and it is right to try for it, to plan for it, to get it. But don't make the mistake of slurring your present job because you think you are fit for a better one. The best way in the world to get that rise is to fill your present position as well as it can be filled. There is very little really thorough work being done. The girl who is thorough in what she does, who can be definitely depended upon, will attract notice. Doing your work well is more important than many women think.

One woman whom I know was supposed to make clippings for her employer in regard to the business of his desk. It occurred to her that he If Smith had not strongly objected lost a good deal of time in running resume of their contents carefully

> She had aroused his interest. Presently she suggested the feasi-

A girl like that does not stay down. She is now private secretary and ad-

You don't need to be a grind and a Irudge to do your work so well that ou will be taking the job above you is soon as it is vacant-or can be in what you are doing now, to be see the relationship between what ganization as a whole. It is work

done without interest and hope that

(Copyright.)

#### For Scorched Garments.

Hold the stain left by too hot an they were digging for worms for bait. ture, came upon their cabin unawares As soon as the story became known, As they had no fishing tackle with and discovered the nature of their em- and for many years after, hundreds iron under running water for a few

Take three-fourths of a cupful of hot cooked cream of wheat, add one-fourth of a cupful of soft bread crumbs, two cupfuls of fine crushed nutmeats, one teaspoonful of salt, one-fourth teaspoon of pepper, one-half teaspoonful of powdered thyme and one egg beaten light. Mix all the ingredients together thoroughly and form into cutlet shapes. Place in a buttered pan and bake twenty minutes. Serve with bananas cut in quarters, rolled in flour and fried in hot fat.

#### Chocolate Mocha Cake.

Mix as usual the following ingredients: One-half cupful each of butter, brown sugar, white sugar and molasses, one ounce of melted chocolate, two egg yolks beaten light, one-fourth of a cup of cream, one-fourth of a cup of milk, one-half teaspoonful of soda, onefourth teaspoonful of clove, one-half teaspoonful each of cinnamon and mace, two cupfuls of flour and the stiffly beaten whites of two eggs. Bake In a sheet twenty-five minutes.

#### Mocha Frosting.

Take one cupful of butter, if salt, wash it; add two and one-half cupfuls of sifted confectioner's sugar, then two squares of melted chocolate; finally beat in one-fourth of a cupful of coffee a few drops at a time. Make and freeze the orange ice as usual. To a pint of cream add a scant half cupful of sugar, and such flavoring as desired: beat until light but not firm or in the least dry. Fill the mold with layers of the orange ice and the whipped cream. Cover and pack to Build me a house of worship become firm.

#### Spanish Sandwiches.

twelve anchovies wiped free from oil, two tablespoonfuls of capers and four or five branches of parsley; chop fine, then pound with a pestle, adding meanwhile half a teaspoonful of mustard, one tablespoonful each of oil and vinegar and the hard cooked yolks of two eggs. When all is mixed to a smooth paste spread upon buttered bread; sprinkle with the whites of eggs chopped fine and press together sandwich fashion.

lellie Maxwell (@, 1920, Western Newspaper Union.)

The Kitchen Bolshevist. "Are you a parlor bolshevist?" "No. The humbler phases of life interest me. The lettuce sandwich and the cup of tea are no inducements. I am directing my attention to the kitchen, where they really have something to eat.'

-0----\* THE WOODS BY DOUGLAS MALLOCH 

THE SKY PILOT.

Oh, that I had in the wilderness a lodg-ing place of wayfaring men.-Jeremiah

Y THE wall of the busy city, B In the midst of the market place, Ye have lifted on high a temple, Ye have builded a house of grace. Amber and red the windows, Marble and tile the floor-But I weep for a thousand pilgrims far

Who never have seen the door.

Gorgeous the gilded altar, Pleasant the cushioned pew, Thrilling the chorused music Ringing the cloister through, Wonderful thing the sermon, Grilling the creeds absurd-But I weep for a thousand woodsmen strong Who never have known the Word.

Build me no mighty temple, Build me no jeweled shrine-Under the solemn pine. I'll speak from a rough-hewn pulpit

To men of a rough-hewn race; Put into a small chopping bowl And, with God's great help, I will

bring them yet With the Master face to face! (Copyright.) \_\_\_\_\_

~ MILITANT MARY~ When Solomon was young and gay, I'll bet he used to SIGH To.think.of.that ENGAGEMENT RING.HE ALWAYS . HAD TO. BUY! EFitzHugh