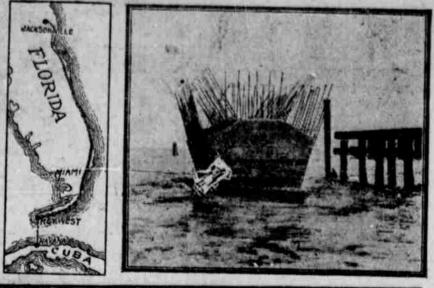
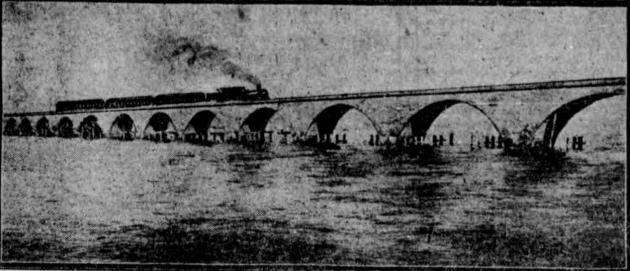
THE GREATEST ENGINEERING FEAT OF THE WORLD IS REALIZED.

The dream of Henry M. Flagler's life, the world's greatest engineering eat-the extension of the Florida East Coast rallway through the ocean to Key West-has been consummated, and regular train service from New York to this most southerly point of the United States is a reality.

Until ten years ago the nearest home ort to Key West was Tampa, 250 miles up the gulf. Then the Flagler railroad was pushed to Miami 157 miles up the east coast. But no man dreamed that the coral reefs and mangrove swamps known as the Florida keys, at the end of which is Key West, would ever be hitched to Florida by bonds of steel and concrete.

In three years, J. R. Parrott, general





TOP: MAP SHOWS ROUTE OF WONDERFUL RAILWAY-HOW A CONCRETE ARCH WAS STARTED. BOTTOM: A VIEW OF A SECTION OF THE OCEAN VIADUCT.

manager, and J. C. Meredith, construc- under charter every available freight which hundreds of men must camp. tion engineer, have spent \$15,000,000 steamer on the Atlantic coast, carrying Mississippi river steamers, capable of of Flagler's money in bridging the 130 supplies south. The crushed rock for navigation in heavy dew, went aground. miles of ocean, coal reefs and mangrove the viaduets filled 80 tramp steamers, swamps. They have built a steel rein- and the cargoes of steel, lumber, conforced concrete sea wall which rises 30 crete and supplies shaded the seaboard a battery of gasoline engines to work feet above high water mark. Over this with a trail of smoke. runs a single track railway. Some of The care of 5,000 men far from the the keys are so far apart that the pas- mainland was itself a serious problem, sengers are out of sight of land, going but was solved with houseboats. In enough water they were yanked ashore, to and fro on tracks supported by con- October, 1906, a hurricane swept away crete arches which divide the ocean the floating homes and claimed the steel ralls. and the gulf of Mexico.

Before they began girding the keys," pushed ahead. nels as they piled up the dirt.

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Handleapped by lack of coal and fresh water, Engineer Meredith hitched his dredges, set them up on barges and when sufficient water was found they remained at sea. When there was not mounted on wheels and slid along the

lives of 130 laborers, but the work was Ever since construction began "booze" boats were a menace. Falling

the engineers had to force their way The shallowness of the water made to keep the rum sellers away by pacific through the Everglades, building 30 it possible to throw up mile after mile means, a dynamite and rifle war was miles of embankment by means of of embankments by means of suction commenced and many a "booze" boatdredges which created their own chan- dredges, but also made transportation man dived overboard just as his craft difficult. Light draft launches found it descended under the influence of a stick At one time the constructors had impossible to approach many keys on of dynamite.

--- Waverley Magazine,

where John and Priscilla dwelt, and it

is commonly stated that the house built

THE LOST SHEEP. was to take my case fer nothin'." Shan-	crossed quietly to the side of Shannon's
De massa ob de sheepfol', Dat guard de sheepfol' bin, Look out in de gloomerin' meadows Whar de long night rain begin— So he call to de hirelin' shepa'd, Is my sheep, is dey all come in? Ob, den says de birelin' shepa'd, Dey's some dey's black and thin, And some dey's po' ol' wedda's. But de res' dey's all brung in, But de res' dey's all brung in. Den de massa ob de sheepfol',	bed. "We settled your case, Mr. Shannon," he said softly. "Here's fifty dollars for you; it's your share," and he laid the fifty dollars on the bed. The nand that had been tempted ear- lier in the day by four times the amount made no motion; the eyes that would have looked through the shallow soul of this young shyster saw not. The soul that had refused to be tempted because he thought it was unfair to this attorney had passed away; and Dan Shannon had died, his good opin-

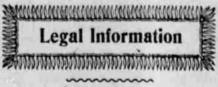
LATEST IN FIRELESS STOVES.

German Improvement Makes Frying and Reasting Possible by Cooker. In reply to a Kansas City correspondent Deputy Consul General John W. Dye of Berlin furnishes the following Information concerning the newest form of fireless stoves in Germany, says the Dally Trade and Consular Reports.

Fireless stoves, or self cookers, as they are variously known, have been in use in Germany for a number of years, so that they may now be classified as successful. The earlier types were merely boxes constructed with double walls, or by secret processes built so as to retain heat when sealed. These cookers, which are still on the market, are used as follows: After a thorough heating, food to be cooked (stewed or bolled) is placed inside the box, sealed and left for a sufficient time, when it is opened and the food, cooked by the retained heat, is ready to serve.

Recently a company here has improved upon the apparatus and produced a fireless stove that not only cooks, but fries and roasts. Profiting by past failures and successes the company has perfected a cooker that, although on the market but a year, has already proved very popular. Frying and roasting are accomplished in the new cooker by the use of a heated stone. The stone is thoroughly heated in an oven, over gas or any fire, and placed in the cooker with the steak or roast. The box is sealed up and left for an hour or so, as required, then opened, and the food is fully prepared and hot. In the double boxes all three processes may proceed at one time without care or difficulty.

The owners of the patent on this latest apparatus claim that the sales in the coming year will exceed 50,000 cookers in Germany and Switzerland.

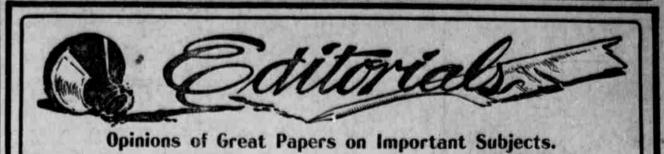


That a railroad company owes no duty to one who, in violation of law, attempts to board a moving train at a closed vestibule door until his position of danger is made known to employes in charge of the train, is declared in Graham vs. Chicago & N. W. R. Co. (Iowa), 7 L. R. A. (N. S.) 603.

A statutory provision requiring railroad companies to sell mileage books at less than the rates regularly charged for transportation is held, in Com. ex rel. Anderson vs. Atlantic Coast Line R. Co. (Va.), 7 L. R. A. (N. S.) 1086, o be void as depriving the corporation of its property without due process of aw, and of the equal protection of the aws.

A son of consumptive parents is held, n Grover vs. Zook (Wash.), 7 L. R. . (N. S.), 582, not to render himself lable in damages for refusal to perorm his promise to marry a woman afflicted with pulmonary consumption. although he knew at the time of makng the promise that she was so afflicted-at least where such marriage vould violate the spirit of the statute against the spread of such disease.

A homestead settler who, after the



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TRAGEDIES OF THE MINES.

BULLETIN of the Geological Survey makes by its cold statement of facts a powerful indictment against the murderous methods of coal mining permitted in the United States. Sec. 20 The great increase in the production of

coal in this country is not responsible wholly for the shocking number of lives lost in the mines. There has been a great increase in coal production in Europe also, and there the deaths have diminished, owing to the enforcement of laws for the protection of the men working underground.

There is certainly criminal neglect of some sort in our methods when the death rate of miners by accident has increased here from 2.67 per thousand in 1805 to 3.40 per thousand in 1906, the death rate from the same causes steadily declining in European countries during the same period.

Our coal mines kill nearly four times as many men per thousand as do those of Belgium, more than four times as many as the mines of France and nearly three times as many as those of Great Britain.

In no country of the world are the conditions for the safe extraction of coal so favorable as in the United States, and yet this murderous record stands against us as a result of neglecting the safeguards that ought to be enforced. . We are not so strict as we should be in making compulsory the use of safety lamps. We do not limit as we should the charges of explosives that may be fired. We are not so careful as the Europeans in shot-firing at times when the mines are unoccupied except for the presence of the expert shot-firers.

Taking this bulletin of the Geological Survey as guide, the laws of every coal-mining State should forbid many of the practices tolerated in our own mines, and command the observance of the rules and precautions quoted from the laws of European countries. Our list of criminal tragedies is already too long .- St. Louis Republic.

THE VALUE OF PREACHING.

NDIVIDUAL cases, at least, the breaking down of the preacher by the cares of the administrator, seems clearly traceable. It may have happened in the old days that a clergyman was invisible all the week, and incomprehensible on Sunday; but to-day the trouble is apt to be that he is only

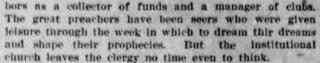
too visible all the week, "running" the church, and exhausting his nervous energy in serving tables to such an extent that he is in speech contemptible on Sunday. You cannot plow with a race horse and expect him to keep his speed. A man absorbed in business for six days cannot emerge as an uplifting speaker on the seventh An orator must be plus who hopes to be a true master of assemblies-not one whose thoughts and spring have been drawn down to minus by exacting la-

THE TREE'S ROOTS.

Something About What Is Called Plant Intelligence.

As the animal is nearer to us than the vegetable, so is animal intelligence nearer akin to our own than plant intelligence. We hear of plant physiology, but not yet of plant psychology.

When a plant growing in a darkened



The church cannot afford to still the voice of her prophets. Christianity has been pre-eminently the preached religion. Its Founder sent forth the Apostles to preach. All through the history of the Christian church the living utterance of spiritual men has been the great corrector and quickener. Inspired preaching has in it the greatest power known to man-that of a kindled personality. It is the most potent fascination which anything exterior in the church can wield-more vivid than music, more direct than even grand architecture and fit adorument of the temple. With the right man in the pulpit, allowed time for brooding thoughts and careful choice of form, nowhere else can speech be so clothed upon with power .-- New York Evening Post.

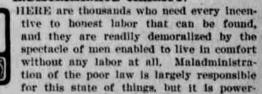
AMERICANS WORK FAST AND DIE EARLY.

HYSICIANS have long been preaching the doctrine that American business men live too fast. With the telegraph, the ocean cable, the telephone and other modern facilities the man of affairs can do in one hour work that formerly would have occupled six. It might be thought his work-

ing day would be correspondingly shortened. Nothing of the sort has occurred. The speed with which trade can be effected has simply accelerated his pace, and he not only works faster, but more hours than ever, with corresponding increase of business and responsibilities, To keep up this energy he eats too much-sometimes drinks too much-for a man who spends most of his working hours at his desk and takes no open air exercise. Physical deterioration is inevitable, and when a period of more than usual stress and anxiety arrives he is liable to succumb.

What American business men must learn is to slow down, take wholesome recreation, and, above all, guit worrying, even over real troubles when they come, whereas most of them now worry over troubles that never come .- New York Herald.

INDISCRIMINATE CHARITY.



fully reinforced by the self-indulgence of the more wellto-do classes, who gratify their passing emotions and impulses by indiscriminate charity. The idle rich conspire with the idle poor to swell the tide of social demoralization and to encourage the unfit .-- London Times.



Whar de long night rain begin-So he le' down de ba's ob de sheepfol', Callin' sof', Come in, Come in. Callin' sof', Come in, Come in !

De mas

Look ou

So he c

Ob. det

Goes do

17-19

Den de

Den up t'ro de gloomerin' meadows. T'ro de col' night rain and win'. And up t'ro de gloomerin' rain pat, War de sleet fa' pie'cin' thin, De po' los' sheep ob de sheepfol' Dey all comes gadderin' in : De po' los' sheep ob de sheepfol' Dey all comes gadderin' in. -Sally Pratt Maclean.



Shannon had been smashed up by a frolley accident. He was lying in bed a in his miserable one room shanty, where the surgeon had placed him after his refusing to go to the hospital. His arms, both of which were broken, lay timp in his lap; and his head was swathed in cloths. His back pained him so that he tried to shift his position, only to give up after infileting greater agony. Suddenly, his restlessness abated, and he listened. "Come in," he said, when his clouded

brain comprehended that it was a knock at the door.

A gimlet-eyed young man crept in and noiselessly made his way to the

"Are you Mr. Shannon?" he inquired. The other nodded his head. "You were injured to-day on the Young street trolley. You know, you can make the trolley company pay handsomely for inflicting these injuries on you. I'm a lawyer, and I'll take your case for you so that it won't cost you anything unless we recover what we sue for."

Shannon only partly comprehended what was said. He understood enough to know that this young man undertook to do something with the railroad whereby he would be paid for all the trouble and injuries he had suffered. Why he should take this trouble, he

did not know; why this young man, a perfect stranger, should help, his brain was too clouded to comprehend. Nor did his wife, who sat mutely in the corner, understand what was taking place any more than he. Before either of them were aware of it, the young attorney was walking away with Shannon's mark affixed to the end of a paper the face of the claim agent.

He had been gone less than an hour, when they were again disturbed by a knock at the door, this time loud and uncouth. A young fellow carrying a satchel pushed his way into the room before either had spoken. He walked his satchel and started for the door. straight to Shannon's bed. "Your name Shannon?"

Shannon nodded.

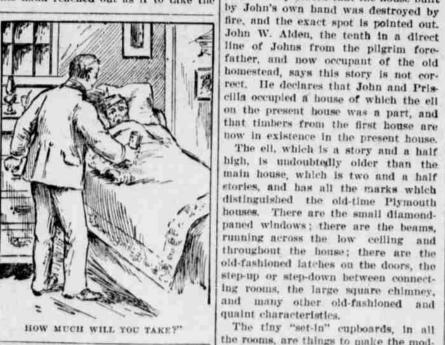
"Well, I'm claim agent for the railgoad on which you were injured to-day. We're willing to pay you liberally for your injuries," he said, gruffy. "A lawyer man was just here, sir,

He made me sign a paper and said he noted the condition of the wife, and don Times.

ok a small pile of new one-doll ir bills. Ah, how beautiful they looked to Shannon. The half of them would lift him out of the debt he had been trying to cancel when this accident happened. He could buy his Mary a new dress, too; it had been so long since she had had anything new; and the doctor, sure It would more than pay him. But into his head again came the thought of the young lawyer. Would it be fair to him? "How much will you take?" asked the claim agent. The latter had seen the longing look in Shannon's eyes, and had been slowly counting and recounting the bills. He had counted out one hundred one-dollar bills and placed them in four piles of twenty-five each. He let them lie on the bed a moment

"How much will you take?" he re son named Alden. The old homestead, according to the peated. This time he augmented the story generally told to visitors in Duxplie by an additional little pile of fivebury, was not built by John the Pildollar notes. Again he counted them, grim. A site east of the present house showing conspicuously the bills of largis pointed out as having been the place er denomination.

Shannon's eyes gleamed. Suddenly his hand reached out as if to take the



this. We'll fight you to the limit."

that timbers from the first house are now in existence in the present house. The ell, which is a story and a half high, is undoubtedly older than the main house, which is two and a half stories, and has all the marks which distinguished the old-time Plymouth houses. There are the small diamondpaned windows; there are the beams,

running across the low celling and throughout the house; there are the old-fashioned latches on the doors, the step-up or step-down between connecting rooms, the large square chimney, and many other old-fashioned and quaint characteristics.

The tiny "set-in" cupboards, in all the rooms, are things to make the modbills, and as suddenly the claim agent ern dweller full of envy! the low ceilings make even a short person reach placed them in his fingers. Shannon's to see if it is possible to touch them. fingers crushed them with feverish delight. The claim agent produced a pa-A tiny bedroom on the ground floor is per and fountain pen and proffered shown to visitors as the room in which them to Shannon. The latter looked Priscilla died, and it is commonly bedully at the paper for a moment, then lieved that John, too, died in the preshis eyes took on a look of fire. His ent house. The Alden story is that the teeth suddenly came together with a house was built by Jonathan, the son snap, and he threw the bank notes into of John and Priscilla.

The Moslem Faith.

"Get out of me house !" he cried, "I'll Myths of the most bewildering kind not take it. I'll not sell out me friend." pring up and flourish and often hear a The claim agent was furious. He picked ripe harvest in the minds of ignorant up the scattered notes, put them into Mohammedan populations during times of crisis. A saint or two can work "All right," he said. "You'll regret wonders among them at the psycho logical moment, and saints of the most All day Shannon lay in bed. His truculent type are as common in Mowife, worn out by this added care, fell rocco as blackberries are in England. into a sound sleep. About dusk a faint These people have no ideas of evidence knock on the door was followed by the or of probability. Though they lie entrance of the same young man who freely theaselves, their credulity in the had been there earlier in the day. He word of a holy man is boundless,-Lon-

ion of the ambulance chaser unchanged. death of his wife pending the home stead period, commutes the homestead entry, and, upon paying cash for the WAVE BOUGHT ALDEN HOUSE. land at the government price, receives a patent therefor, is held, in Cunning-Decendants of John and Priscilla ham vs. Krutz (Wash.), 7 L. R. A. (N. Age Owners of Old Homstend. S.) 967, to acquire the absolute title, The Alden kindred of America, which free from any homestead interest uncomprise descendants of John and Prisder the laws of the State, which might cilia Mullins Alden of Duxbury, who are scattered from the Atlantic to the pass by the will of the deceased wife. Pacific Ocean, from Canada to the Gulf To bring a homicide within the statof Mexico, have at last obtained posute defining murder in the first degree as one committed with deliberately presession of the old Alden homestead here, says a Duxbury (Mass.) dispatch meditated malice aforethought, it is to the Philadelphia Record. The house held, in Com. vs. Tucker (Mass.), 7 L. R. A. (N. S.) 1056, that all that is has nine rooms and a number of acres of land about it. It is near the railroad necessary is that a resolution to kill station. During the 254 years of existmust have followed deliberation and ence of this property it has always been occupied, with one exception, by a permust have been in pursuance of the resolution, regardless of the rapidity with which the commission of the

Effectually Squelched.

The clerk in a dry goods store was waxing sarcastic at the boarding house table because the school teacher said she was tired. " I don't see how you have the nerve to say that," he said, "You have a snap. Your hours are short, and, although you say you have to look over papers in the evening, I reckon you don't have to spend much time on them. Then look at the Christmas, another in the spring, two

or three days at Thanksgiving time and then the entire summer. Look at me. I have to work eight hours every day, with only a half hour at noon, inventory of stock. And my vacation ! I get the legal holidays, two weeks in the summer, and during the hot months a half day off, and heaven knows what a good half day does! Gee! School teachers certainly have a cinch." During this harangue the school he made while he talked. When he finished she said sweetly: "Well, why don't you become a school teacher? There's no law to prevent you that I of the room stuck up his hand. know of "

And the rest of the table grinned audibly, while the clerk grabbed a toothpick and went out .- New York Press.

Old Leprosy Laws.

In the earliest code of British laws now extant-namely, that of Hoel Dha, a famous king of Cambria (the present Wales), who died about the year 950 A. D .- we find a canon enacting in plain and unmistakable terms that any married woman whose husband was afflicted with leprosy was entitled not only to separation, but also to the restitution of her goods.

Her Ready Explanation.

Mamma-Jane, how could you be so indiscreet as to dance with that impecunious young Featherly seven times? Jane-Why, mamma, you see the two-step is soon going out of style, and I wanted to make the most of it while It lasts .-- Cleveland Plain Dealer.

ing, we are taught, is a purely mechan ical process. The effect of the light upon the cells of the plant brings it about in a purely mechanical way but when an animal is drawn to the light the process is a much more complex one and implies a nervous system. It is thought by some that the roots of a water-loving plant divine the water from afar and run toward it. The truth is the plant or tree sends its roots in all directions, but those on the side of water find the ground moister in that direction and their growth is accelerated, while the others are checked by the dryness of the soil. An ash tree stands on a rocky slope where the soil is thin and poor twenty or premeditation, and that the killing twenty-five feet from my garden. After a while it sent so many roots down into the garden and so robbed the garden vegetables of the fertilizers that we crime followed its first suggestion. cut the roots off and dug a trench to keep the tree from sending more. Now,

the gardener thought the tree divined the rich pasturage down below there and reached for it accordingly. The truth is, I suppose, that the roots on that side found a little more and better soll and so pushed on till they reached the garden, where they were at once so well fed that they multiplied and extended themselves rapidly, The tree waxed strong and every season sent more and stronger roots into vacations you have-a week or two at the garden .-. John Burroughs, in Out-Ing Magazine.

Little Mamle Rose Rose.

"It doesn't take these little Russian children long to catch on to things in and once in a while I have to put in this country," remarked a teacher of an evening at the store when they take | the Educational Alliance. "When one explains a word to them they never forget It, and they are always ready with an illustration of its meaning too. I remember that some time ago I had explained to the class the meaning of the word 'ambiguity,' and then, as the custom is, I turned about and teacher listened carefully to the noise made them explain the word to me. "'Now, is there any one.' I asked, 'who can give me an illustration?' "A grimy little urchin at the back

> " 'Here's a ambiguity for ye,' cried. 'Little Mamle Rose sat on p tack-little Mamie Rose. Sce?" "Oh, no," concluded the teacher "you don't have to explain a thing to the cast side child twice."-New York

Ominous Pose.

"I hear you've got a new minister,

"Yeh, an' I don't like him at all ; he must 'a' been a school teacher opet." "Why do you think that?"

"'Cause whenever he talks to me he always helds his hand behind him."-The Catholic Standard and Times.

The novel-writers have a nice way of saying that a girl's face was framed in wayward curls when it is meant

that her hair was frowsy. Every succeeding generation sees its young people giving advice a few years | eral interest in such public improveearlier than the young folks of the

generation abend of it.

FISHING THROUGH THE ICE UNDER SHELTER.

In the winter the fishermen on the great lakes of Canada build little cabins on the ice. In these huts they take up their quarters, and fish through a hole chopped in the ice in the center of the cabin floor. The fishermen sit close to their little stoves. These men can make quite a good living at a time when they would be frozen out if they did not go into these fishing camps. They can make from four to five dollars a day.

AMBROSE CHANNEL.

Why Gotham's New Harbor Waterway Received Its Name.

The name of Ambrose channel was given the new waterway by an act of ine Ambrose Shrady in the New York Sun, The action of Congress was inspired by the Legislature of New York from which the following is quoted :

"Whereas, During the last year of the city of New York, whose life of steamship companies, Senator Depew such inestimable advantage to the citizens of that city and of the entire State by reason of his securing new and adeinto the port of New York, for the ac- a very young child,

commodation of our rapidly increasing commerce, he having for that purpose

secured from the Federal government during the past eighteen years appro-

aggregating the enormous sum of \$8,-000,000; and "Whereas, Mr. Ambrose having held no public office; but animated solely by patriotic motives, to which he gave his pre-eminent abilities, by arousing genof New York, but also of the water- News.

ways of the State at large, we now desire to give pronounced expression in this manner of our appreciation of his services; now, he it

"Resolved, That the State of New York recognizes with gratitude and Congress passed in May, 1900, one year warm appreciation the efforts of the after my father's death, says Cather. late John W. Ambrose, and commends his unselfish labors for the advancement of trade and commerce."

At the instigation of many influential members of the Chamber of Commerce, the Merchants' Association, the Providence has seen fit to call from the produce and maritime exchanges and midst of us the late John W. Ambrose the leading representatives of the large unselfish public service has proved of introduced the bill in Congress to name the new waterway Ambrose channel. In conclusion I would say that my father was born in Ireland and came quate channels leading from the ocean to this country with his parents when

Wanted Company.

"Madam," said the doctor who had been called at 2 a. m., after examining priations for the harbor of New York the patient, "sead at once for the elergyman and also for a lawyer if you want to make your will."

"Good gracious !" exclaimed the horrified patient. "Is it as bad as that?" "Oh, there is no danger at all," replied the M. D. "But I don't want to be the only one who has had his slumments, not only of the harbor facilities bers disturbed for nothing."-Chicago

Sun.

Tommy."