DEEPEST OF

Morro Velho, Located in the Gold Belt of Brazil.

Was First Worked by Portuguese Discoverers in 1699—Combined Depths of Connected Shafts Have Reach 5,824 Feet.

In a recent bulletin of the Pan-American Union there is an account of the world's deepest mine, written by Benjamin Le Roy Miller of Lehigh university and Joseph T. Singewald, Jr., of Johns Hopkins. The mine is the Morro Velho, in the gold belt of Brazil, where the Portuguese were first induced to settle by the discovery of the yellow metal. The first gold was discovered in 1699, near the present city of Ouro Preto. The gold was coated with a black substance and hence was called "ouro preto"-black gold. The city which they founded was called Villa Rica de Ouro Pretothe Rich City of Black Gold-a name which was somewhat cumbersome even for the Portuguese, so they finally shortened it to just Ouro Preto, the name by which it is known today Once it was the most important city in Brazil, the valuable metal being obtained from the gravel of almost every stream in the region. Not only the stream gravels yielded gold, but many gold-bearing quartz veins were worked.

Just when the Morro Velho mine was first opened is not known, but it was being operated toward the close of the eighteenth century, and considerable work had been done when the present company obtained control of it in 1834. The ore body consists of a great vein of unusual persistence and regularity that dips into the earth at an angle of about 45 degrees. It may be likened to a gigantic knife blade, held vertically and thrust into the earth at this angle, with the point still lower than the present deepest workings. And it is these workings that make the mine rearkable. The combined depths of the connected shafts give a total of 5,824 feet. In other words, here is a gold mine that or a sheep?" is being worked at a depth of more than a mile below the surface of the

The rock temperatures increase as the earth's crust is penetrated, in London Tit-Bits. some regions the increase being as much as one degree Fahrenheit for each fifty to sixty feet increase in depth. At this rate the temperature at the bottom of this mine would be over 100 degrees higher than at the surface, and fried ham and eggs might be prepared for the miners without any other heating apparatus than the thizes with the married man whose

miners would be going through the frying process, too. Fortunately, however, in this mine the rate of increase of temperature is only one degree for every 100 to 120 feet, giving the rocks a temperature of only 112 degrees. By forcing cooled air down into the mine by means of fans the temperature is lowered to a little less than 100 degrees. Even at that it is rather snug and the miners usually wear only shoes, donning trousers when company is expected. The mine has produced a total of about \$55,000,-000 worth of gold, and is being worked now at a profit of something more than \$700,000 annually.

MORE THAN SHE COULD STAND

"Scan'lous" Remark Made by Young Colored Husband Was Responsible for His Black Eye.

Bob Gibbs, a good-natured and industrious young negro, had brought about the arrest of his new wife. In the testimony it was shown that the girl had spent all she could lay her hands on for dress and self-ornamentation. Her home and husband had suffered in consequence. An altercation had taken place, and the wife had blacked her better half's already dusky

The judge ordered Matty Gibbs to stand up.

"Do you think more of your clothes than of your husband?" the court demanded sternly.

"Lawdy, jedge," Matty gasped, "I don't need no time ter think dat over. I done cotched him wid clothes, an' 'low dat's how I gotter 'teep him. Nobuddy never woulda hit dat nigger ef he hadn't made some scan'lous remarks 'bout green not goin' wid coalcolor."-Case and Comment.

Not Up on Poultry.

On board of one of his majesty's ships two seamen were hotly engaged in an argument as to the class of animal a hog belonged, one of them asserting it was a sheep and the other equally certain it was a pig.

Not being able to agree, one of them turned to an old salt, who was standing close by, saying:

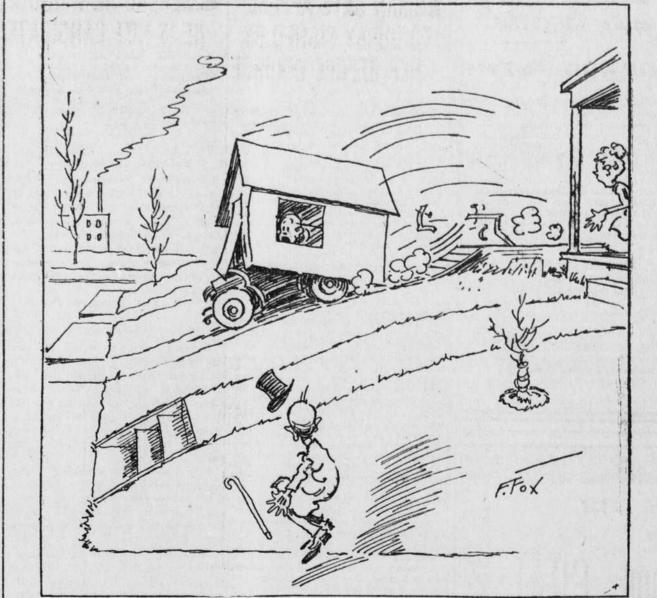
"Here, bill, you've knocked about a bit. What is a hog? Is it a pig Whereupon Bill, after due consider-

ation, replied: "Well, to tell the truth, chummy, I don't know much about poultry."

On the Diamond. Dorothy-You say it was their dia-

mond wedding? Marion-Yes; they were married in the baseball park.

As a rule the world never sympaloose rocks lying about. Incidentally nose is against the grindstone.



The Portable Garage Justified Its Name When Willie Finally Succeeded In Starting His

Dad's Car.

WILSON TRADUCER SCORED BY MANN

Republican House Leader Assails Anti-Preparedness Advocate For Attacking President.

Washington, D. C., Jan. 31.—Republican Leader Mann came to the defense of President Wilson in the House fense of President Wilson in the House not notified him of the location of a new mine field in the Baltic near the fense of President Wilson in the House late yesterday, when Representative Dies, of Texas, leader of the anti-preparedness democrats, attacked the president's New York speech on national defense. Mr. Mann rebuked Mr. Dies for making any remarks about the president's views before the latter had completed his speaking tour, and declared that his only defense for changing his position on preparedness was that he believed he was right.

"With the possibility of the danger which prevails," Mr. Mann declared, "we will meet the situation, we will rise to our responsibilities and pull this nation in a position where the president with the prevails," Mr. Mann declared, "we will meet the situation, we will rise to our responsibilities and pull this nation in a position where the place of the man coast southeast of Rixhoft.

Whether these precautions are delater to Great Britain's reported intention of declaring an actual blockade of her enemies is not known to official here.

MAD GUNMAN SHOOTS pull this nation in a position where it can protect itself against any for-

Tempestuous applause ' ke from all sides of the chamber. "I do not know whether I have changed my mind since a year ago, but I would not be ashamed to. I know that the situation has been changed.

"I do not know whether I have but I would not be ashamed to. I know that the situation has been changed.

"I do not know whether I have but I would drag the court into politics and establish a dangerous precedent, he said. He hoped to see the day when no one would think of suggesting a supreme court justice for political preferment.

"I do not believe in a great standing army, nor the permanent necessity of a great navy, but I do believe that a great country like ours, that refuses to considera situation today because of its beliefs in the past, has not the real right to remain at peace and will not be able to do so.

"The president ought to know more about this situation than any member of this House. And now that he is going about the country to state his case, it would be more becoming to members of his own party to await his statement, at least, before attacking him."

BIG WAGE INCREASE SOUGHT BY MINERS CLAIMS HIS INVENTION

Ten Per Cent Advance Will-Be Asked For Bituminous Workers.

Indianapolis, Ind., Jan. 31.—General satisfaction was expressed today by delegates to the convention of the United Mine Workers of America, with the demands agreed upon yesterday to be presented to the coal operators in the negotiations for new wage agreements this year. Ten per cent increase will be asked for the soft coal miners and 20 per cent for the men paid by the day. There is a feeling of confidence among the mine workers that the op-erators will conclude a satisfactory agreement.

ANOTHER INQUIRY IS ADDRESSED TO VIENNA

Washington, Jan. 29.—The United States has addressed another inquiry to Austria, asking whether or not any of its submarine commanders have knowledge of the destruction of the British liner Persia. A statement that they had none, reported to have been handed to Ambassador Penfield several days ago, never has been received here.

34,000 HOMES RAZED BY RUSSIAN INVADERS

Berlin, Jan. 29.—The extent of the devastation done by the Russian invasion of East Prussia is shown by the fact that no less than 34,000 dwelling houses must be rebuilt, of which 3,000 are in cities, and 150,000 houses must be equipped with furniture. The government has erected a special compission with is headquarters at Kog. the fact that no less than 34,000 dwelling houses must be rebuilt, of which 3,000 are in cities, and 150,000 houses must be equipped with furniture. The government has erected a special commission, with is headquarters at Koenigsberg, which is charged with the duty of seeing that the architecture of the somme against the village the new houses is of a sort harmoniz-ing with their surroundings.

ENTRANCE TO BALTIC STREWN WITH MINES

Great Britain Warns Neutral Vessels of Danger In Attempt to Pass.

Washington, Jan. 31.-Great Britain s sowing mines so thickly at the entrance to the Baltic sea that it is now practically impassable except to the vessels under the guidance of official

sound across the channel southwest of Drogden Light vessel, just off Danish waters. Obstructions to navigation also have been placed between the Danish territorial waters and the Ger-

man coast southeast of Rixhoft.

Whether these precautions are de-later to Great Britain's reported intention of declaring an actual blockade of her enemies is not known to officials

DOWN FOUR PERSONS

Silencer on Pistol.

Albany, N. Y., Jan. 31.—Detectives and police renewed their search today for the mad gun man who last night shot four persons, injuring two so severely that their recovery is doubt-

Three of the victims were shot through the back and one through the side with a revolver, either equipped with a silencing device or fired through the pocket of a heavy ulster the man

of the fourt shot, two heard muffled reforts and the other two were not aware they had been injured until they fell in the street from weakness.

WILL NULLIFY TORPEDO

Copenhagen, (via London), Jan. 29 .-An apparatus, which it is claimed will prevent the destruction of ships by torpedoes or mines has been invented by Frantz Poulsen, engineer. The details are withheld, but the principal feature is said to be a device for di-verting the pressure on ships sides of the air masses formed by the explosion. The invention has been offered to the British admirality, which has promised to test it at the earliest possible time.

GENERAL HODSON, NOTED BRITON, DIES OF WOUNDS

London, Jan. 29 .- Brigadier General Hodson, who was wounded in the fight-ing on the Gallipoli peninsula, has died of his injuries at Malta.

General Hodson, who was born in 1863, served with distinction in Egypt in 1882, in the Burmese expedition on the northwest frontier of Indian, and other campaigns.

GERMANS TAKE 1,000 YARDS OF TRENCHES

Berlin, (via London), Jan. 29.—Capture of 1,000 yards of French positions south of and including the village of Frise was announced today by army headquarters. Thirteen machine guns and 927 prisoners were taken. Northeast of Neuville the Germans

Frise, it was announced today by the war office.

REPORTED HUGHES

Unnamed Republican Leader Says Justice Soon Will Declare Himself Out

of It.

Washington, Jan. 31.-Associate Justice Hughes of the supreme court will soon make a public declaration that he will not accept the republican nomination for president under any circumstances, according to a western republican leader who has been interested in "smoking Hughes out."

The authority for this statement, who would not permit himself to be quoted by name, said he and his friends recently undertook to sound Mr.

quoted by name, said he and his friends recently undertook to sound Mr. Hughes to discover whether he would accept the nomination if it should come to him as the free will offering of the republican convention.

The justice, it is alleged, made it clear if he were nominated he would be compelled to reject the honor.

Mr. Hughes is represented as assert.

Mr. Hughes is represented as asserting the impropriety of a supreme court justice permitting himself to be considered as a possible presidential candidae. It would drag the court into poli-

CUMMINS WILL SPEAK IN MINNEAPOLIS SOON

Washington, D. C., Jan. 29.—Senator Cummins has accepted an invitation to speak to Minnesota republicans as the guest of the St. Paul Republican club the night of Lincoln's birthday, February 12.

He is assured of a meeting attended by republicans from all over Minne-sota. Senator Cummins may make other speeches while west.

THREATENING LETTERS SENT SENATOR KENYON

Washington, Jan. 29. — Senator Kenyon today received a number of anonymous letters and messages from New York hostile to his action in presenting the eight-mile petition for an embargo. He also received many from all over the country including Iowa, approving his course. He intends to fight for an arms embargo regardless of opposition.

FOUR SOLDIERS HURT WHEN BOMB EXPLODES

Halifax, N. S., Jan. 29.—One officer and three soldiers were seriously injured and five soldiers received minor injuries and cuts today when an explosion occurred in the old Cunard building, where a military class in bomb manufacturing was listening to a lecture by Captain Hurd, of the Sixth military division.

MAIL ORDER CONCERN SHOWS LARGER SALES

Chicago, Jan. 29.—The reports of Sears, Roebuck & Co., for the year ending December 31, 1915, show net sales of \$106,228,420, which is \$10,000,000 in excess of the 1914 showing.

JUDGE LINDSEY TO PAY A VISIT TO GERMANY

The Hague, Jan. 29, (via London).—
Judge Ben B. Linsey has left Holland
for Berlin to study the needs of children in the belligerent countries. It is
said that Henry Ford, before leaving
Christiania, told Mr. Lindsey that if it
were feasible he would provide ample
funds to help the children. Judge Lindsey hopes later to go to England and
will leave there for the United States.

The area of Italy is 110,000 square miles, while the area of California is 158,000 square miles. And nearly all of California is grape country.

BILIOUS, HEADACHY,

Gently cleanse your liver and sluggish bowels while you sleep.

Get a 10-cent box. Sick headache, biliousness, dizzlness, coated tongue, feul taste and foul breath-always trace them to torpid liver; delayed, fermenting food in the bowels or sour, gassy stemach.

Paisonous matter clogged in the in testines, instead of being cast out of the system is re-absorbed into the bleed. When this poison reaches the delicate brain tissue it causes congestion and that dull, throbbing, sickening headache.

Cascarets immediately cleanse the stemach, remove the sour, undigested food and foul gases, take the excess bie from the liver and carry out all the constipated waste matter and poisons in the bowels.

A Cascaret to-night will surely straighten you out by merning. They work while you sleep a 10-cent box from your druggist means your head clear, stomach sweet and your liver and bowels regular for months. Adv.

The Advantage.

"Hearing those high-priced opera singers on the phonograph is almost as good as hearing them on the stage.'

"Better. You can shut them off whenever you like on the phono-

A GLASS OF SALTS WILL END KIDNEY-BACKACHE

Says Drugs Excite Kidneys and Recommends Only Salts, Particularly If Bladder Bothers You.

When your kidneys hurt and your back feels sore, don't get scared and proceed to load your stomach with a lot of drugs that excite the kidneys and irritate the entire uninary tract. Keep your kidneys clean like you keep your bowels clean, by finshing them with a mild, harmless salts which removes the body's urineus waste and stimulates them to their normal activity. The function of the kidneys is to filter the blood. In 24 hours they strain from it 500 grains of acid and waste, so we can readily understand the vital importance of keeping the kidneys active.

Drink lots of water-you can't drink too much; also get from any pharmacist about four ounces of Jad Salts; take a tablespoonful in a glass of water before breakfast each morning for a few days and your kidneys will act fine. This famous salts is made from the acid of grapes and lemon juice, combined with lithia, and has been used for generations to clean and stimulate clogged kidneys; also to neutralize the acids in urine so it no longer is a source of irritation, thus ending bladder weakness.

Jad Salts is inexpensive: cannot injure; makes a delightful effervescent lithia-water drink which everyone should take now and then to keep their kidneys clean and active. Try this, also keep up the water drinking and no doubt you will wonder what became of your kidney trouble and backache.-Adv.

Never Tasted Any.

Officer-I want a man to go around and buy some good horses, sergeant. Are you-er-anything of a judge of horse flesh?

Sergeant-I dunno, sir. I've uevetasted anv

SYRUP OF FIGS FOR A CHILD'S BOWELS

It is cruel to force nauseating, harsh physic into a sick child.

Look back at your childhood days Remember the "dese" mother insisted on-castor oil, calomel, cathartics. How you hated them, how you fought against taking them.

With our children it's different. Mothers who cling to the old form of physic simply don't realize what they do. The children's revolt is well-founded. Their tender little "insides" are

injured by them. If your child's stomach, liver and bowels need cleansing, give only delicious "California Syrup of Figs." Its action is positive, but gentle. Millions of mothers keep this harmless "fruit laxative" handy; they know children ove to take it; that it never fails to clean the liver and bowels and sweeten the stomach, and that a teaspoonful

Ask at the store for a 50-cent bottle of "California Syrup of Figs," which has full directions for babies, children of all ages and for grown-ups plainly on each bottle. Adv.

given today saves a sick child tomor-

Many a man asks questions merely for an excuse to answer them him

Not Gray Hairs but Tired Eyes make us look older than we are. Keen your Eyes young and you will look young. After the Movies Murine Your Eyes. Don't tell your age. Murine Eye Remedy Co. Chicago, Sends Eye Book on request.

A small boy says the road to knowledge has too many branches.



Efficiency In Childhood

comes with proper training—a most vital factor in which is right food.

If a child is to gain physically and expand mentally certain vital mineral elements—grown in the field grains-are imperative.

These elements, such as phosphate of potash, etc., are lacking in many foods, but abundantly supplied in the famous pure food-

Grape-Nuts

Made of whole wheat and malted barley, Grape-Nuts with cream or good milk supplies well-balanced nourishment-not only builds up the growing child, but repairs daily the wear and tear of body and brain.

Grape-Nuts has a delicious nut-like flavour-is

convenient - and makes for efficiency. "There's a Reason" for Grape-Nuts

specially processed for easy digestion-and is always

ready to eat direct from the package. Economical-

Sold by Grocers everywhere.