

Bellefonte, Pa., September 12, 1924.

Tying Cast Iron Into Knots Is Now Possible

Tying gray or white cast iron in knots is now made possible by a new process invented by Alex. K. Schlaap. The process is very simple, consisting in heating the cast iron to a temperature shortly above the critical temperature of 1,600 Fahrenheit, while protecting it in a muffle surrounded by a gas fiame and open at the top. As soon as the gray cast iron reaches the preper temperature the muffle and its contents are removed from the furnace and allowed to cool in the open air. The whole operation requires about 45 minutes, starting from cold cast

The method has been in continuous use for a year, chiefly for the purpose of softening gray iron castings for machining purposes, and especially for making automobile piston rings. The most noteworthy characteristic is the combination of pliability, ductility, malleability, and resiliency. In its resiliency the heat-treated metal most resembles steel, since it shows this property both before and after distortion. For example, a thin bar might be coiled up into a spiral and used as a spring, although, of course, not nearly as strong and resilient as a tempered steel spring. It is worthy of note that this annealed cast iron does not warp on standing. Samples of annealed iron have stood for several months without changing shape by as much as one thousandth of an inch, as compared with unannealed castings of the same metal and pattern, which have warped.-Iron Age

Lip Reader Says New

Yorkers Talk to Selves New Yorkers talk to themselves more than residents of any other city, according to an observer who is a lip reader. The habit is due, he holds,

which New Yorkers live. Loneliness plays a part also; there being no acquaintances with which to talk, the unfortunate is forced to hold

to the terrific nervous strain under

conversation with himself. "The subway is my favorite hunting ground," said the observer. "Those who talk to themselves think they are safe there, it being impossible to be overheard because of the noise. Also they have a few minutes of forced activity. Being able to read lips is most diverting. Recently, I discovered that one man whose lips were moving silently but steadily was adding up a long column of figures. A sour-faced man was swearing. Another was telling his wife what he thought of her demonstration of in-

feriority complex as he was alone. "But a serene-faced grandmother repeating a long formula which revealed a complete knowledge of the processes of distillation."-New York Letter to the Detroit News.

Radiator Plays Lullaby

They recently installed their new baby in a room in their apartment which formerly had been the guest chamber and so far they are delighted with a hitherto unrealized attraction which the room possessed, says the New York Sun and Globe. Every night about 10:80, just after the baby has been fed and should settle down for the night, the radiator commences to beat out a tattoo that has had the effect of acting as a lullaby to the baby. Before it ceases he has fallen asleep, but their joy is tempered somewhat by the fear that some night, more wakeful than usual, he will not have lapsed into unconsciousness before the radiator stops its tune and the problem will then be what substitute to give him.

Lost Diamonds From Teeth

His dentist "misappropriated" three diamonds set in the bridgework of his teeth which he had worn for thirteen years, Tom Cheek, negro politician df West Oakland, testified in his suit to recover the cost of the jewels from a

Cheek said he had the dentist re move the bridgework containing the three stones and left it with the dentist to be repaired. When he returned to the dentist's office to get the bridge, Cheek said, the diamonds had been removed. The dentist asserted there were no diamonds in the bridgework left with him.-San Francisco Chron-

Milkmaid of the Arctic

Teckla, a girl just over from northern Europe, who is being Americanized by the domestic service route, is having a rough passage in her first few weeks in a kitchen of one of the Boston suburbs, says the Boston Globe. She cannot cook and she is not used to American methods of housekeeping When finally her mistress asked in exasperation the other day: "Teckla, is there anything you can

"Yas, missus," she replied, in all

sweetness and assurance, "I can milk a reindeer."

Lacked Harmony

Wife-Henry, I'm afraid we'll have to have the drawing room done over. Hub-What?

Wife-I've just found out that the wall paper does not harmonize with the color of the gown I'm going to wear when we entertain next Thursday.—Boston Transcript.

Human Machine Rusts if Change Is Denied

When one's bodily health is below par there is nothing of greater benefit than "to go away for a change"of air, scenery, surroundings, people. Not many, however, realize that if they "changed" at home they would not require to "go away" for a change. The latter might be impossible on account of the expense, or inconvenient

in other ways. With a few exceptions we would all be infinitely better in mind and body if we changed our environment at least once a year. Our "work health," the capacity to do what we have to do easily and without undue strain, is affected by our environment. There are critics of the "week-end habit," but the latter is really nothing more than an escape from the dulling sameness of Monday, Tuesday, Wednesday. Thursday and Friday!

One business man, whose success or failure depends on whether or not his mind is fresh or stale, changes his office once a year, says London Answers. He has realized that, after a time, the sameness of his surroundings affects him adversely. So he makes a move—
get too much an impression of the
goes to a different station welks along
flight of time. A wise man should goes to a different station, walks along different streets—and is all the bettefor the change.

It was on the same principle that a certain well-known author, in the days Timidity Has No Place when houses were plentiful, was always on the move. He'd take a cottage near the sea, "use up" the inspiration of his new environment, and then pass on!

The above changes may not be pos-We get in the habit of clothing ourselves, say, in sober hues. Change to magnifying his fault and ridiculing something brighter! Our method of him. If the victim is unmarried no life may be an unchanging routine. Change it! We associate with the same people year in and year out. Step off the track and get into touch with

ever. We want a change, and the shaking-up of ourselves that changes involve would do us a world of good. Holiday time is coming, but don't wait until then. Start having your change

The Holy Grail

Archeologists believe that the inner cup in the recently discovered "chalice of Antioch" is the true holy graff, the vessel from which Jesus drank at the last supper, and which is believed to have the power of curing bodily dis-

If this is so, a search that has lasted for nearly 2,000 years will be ended. Every generation has had its own expedition in search of this miraculous cup. The quest is as old as Christianity itself.

But there is another quest older stil. -a quest that has been common to all races of mankind as long as mankind has been on earth.

And that is the universal quest for a grail that will cure, not diseases of the body, but diseases of the soul. progress

throughout the ages has been impelled by this instinctive craving for higher

and better things. Every man who ever lived on earth for coming home in. I hope it will be holy grail. And although the physical rain. grail may be discovered, humanity will continue to better itself so long as the spiritual grail hovers just within the reach of man's imagination, but just as I arrive, to make sure." beyond the reach of his hands.

Forest's Name Changed President Coolidge on March 11 changed the name of the Battlement national forest in Colorade to the Grand Mesa national forest, announces the forest service, United States Department of Agriculture. The new name describes the principal topographic feature of not only a part of the national forest but the entire mountain section of that region.

Grand Mesa proper comprises the very important southwestern arm of the national forest upon which the principal irrigation water of the vast farming region surrounding it is impounded in artificial reservoirs and discharged during the periods when needed for agriculture. It is also a most attractive recreation and Ashing grounds for the population of the sur rounding valleys as well as the traveling population from more distant

Remember Sainted King The populace of Bavaria will cele brate during the summer the nine hundredth anniversary of the death of Heinrich II, founder of the episcopati of Bamberg. The main ceremony will take place in the Bamberg cathedral where Emperor Heinrick and Empres Kunigunde are buried. Heinrich ruled over central Europe as king of the Holy Roman empire, and during his lifetime made wars on Italy, Poland and Bohemia, as well as upon many rival princes. He was made a sain! by Pope Eugene III, in 1146. A mon ument was erected to Heinrich and his wife in the Bamberg cathedral.

The Fond Father

Fred Rakemann, former head of the industrial department of the Indianap olls chamber of commerce, is new the proud father of a baby daughter, Bar bara Brock Rakemann. Fred beasts much of the baby, but it took a spinster to call him down right about her. The spinster met him the other morning. "How is the baby?" she

Fred grinned. "Oh, it is just fine,"

he returned enthusiastically. "Mr. Rakemann," she looked at hin severely, "don't you think it is time to call that baby she?"-Indianapolis

Drawback to Affection Inspired by a Horse

I am not, as I say, sentimental about horses; I have never yet seen a man a horse liked as well as a nice bundle of hay, writes Guy Struthers Burt in the Saturday Evening Post. But on the ether hand, if you have ridden one horse a lot and know all his little ways and he knows all yours, and if you have ridden many lonely and sometimes dark miles with him, after a while you begin to cherish an affection

for him against your better sense. There's a sweet, warm, companionable feeling to the rippling muscles of his neck when you put your bare hand against them on a pitch-black deserted trail, almost, although not quite so much company as you get out of a dog in camp. And as for Joe, if you miss the trail in the dark and try to turn off it he will do his best to buck with

There's one thing about being with such short-lived things as horses and dogs that isn't pleasant. You understand what age is too soon. Here is Joe getting old-and he's sixteen. You keep an elephant and always feel

Among Arabs of Desert

Bravery is the great outstanding characteristic of the Arab. His judgment of what constitutes cowardice is relentless and tertible. As soon as a stble to all. But what of smaller ones? man is proved a coward the tribal poet laureate makes a song about him woman will consider him, as the song of his cowardice endures forever in the tribe. If he is already married his wife or wives are permitted by tribal law (not by Mohammedanism) to re-A groove holds no inspiration whatcease to associate with the coward and he becomes an outcast and a pariah. To no other tribe can he turn for shelter, and almost invariably suicide is his lot.

Above everything the Arab must prove bravery in the eyes of his women folk. An Arab man's arms are invariably covered with circular scars. These are relics of his childhood and are the result of his proving his worthiness to some childhood sweetheart, his method being to stand in front of the object of his adoration and smile, the while he allows pieces of red-hot charcoal to burn him.

The Homing Instinct Do you know those distressing people who, as soon as they start on a

holiday, begin to worry about coming 1 met one in the train the other day.

she was being "seen off" by a friend, and this was the burden of her con-

"I suppose I can't reserve my seat But I shall send my luggage in advance. "I shall wear my blue serge costume

has been a pilgrim in search of the a fine day; I hate coming home in the "I mustn't lose the return half or iny ticket; and I'll ask about the time

of the train for coming back as soon "Well, goodby for the present, dear. I'm quite looking forward to coming back."-Windsor Magazine.

Saved by Mother's Spirit

One evening, a short time after my nother died, I was walking along a lonely road near our home when a young man approached and asked the way to a certain street. As we were both going the same way we walked along together until we came to the crossroads. I stopped to give him further directions. Suddenly he seized me and tried to force me into the tall bushes which bordered the road. I struggled frantically, but he pulled me to the ground and was dragging me backward. Suddenly I felt my mother's presence beside me, although I saw nothing. Just then my assailant looked up. Without a word he dropped me and ran down the road and out of sight as fast as he could go.-Chicago Journal.

Right and Left Hands

It is a fact not generally known that the fingers of the right hand move much more quickly than those of the left. They are also much more accurate, says London Tit-Bits.

Recent experiments have also proved that the ring finger of the left hand can work more quickly if it is moving in conjunction with the right-hand forefinger. Any two fingers working together, indeed, move considerably faster than one finger working by it-

The more a person uses his or her fingers, the more adept they become. A planist or typist will find that, in time, the left hand becomes almost as skillful as the right.

Use of Canvas Modern

It was not until 1520 that artists began to use canvas. The masters previous to that time worked in ceramics or painted on wood and walls, then on canvas stretched to a frame.

Many of the great painters ground the pigments and mixed their own colors, says the Detroit News. American supplies of art and indus-

trial paint are dependent on a large variefy of foreign raw materials. We import Windsor and Newton, and still in the opinion of artists do not make colors that give the appearance of age. prays for me.-Thackeray.

Scotland Made Game of Golf National Pastime

Three months before the Pilgrim Fathers left Deftshaven James VI approved the contract for the first manicipal golf links at St. Andrews, Scotland. Golf may have started in Holland, where a game called "kolf," a cross between golf, hockey and bowling, was played on the ice, within covered courts and even in churchyards. If the Scotch did import the sport they changed it greatly. "Links" for example is the Scotch term referring to rolling close-cropped shore fields which have become the model for all golf courses. "Bunkers" are really cut banks such as are found along a graded country road. Such banks with sand pits are natural to the Scotch shore. St. Andrew's cut banks are now artificially created on golf links wherever golf is played. For many years the original Scotch course consisted of 11 holes, a match being two rounds, or 22 holes, but in 1764 it was decided to eliminate two holes, so today the standard course is in multiples of nine. -National Geographic Society.

Early Navigators Dared Perils of Every Sort

It is a little more than 400 years ago since man made his first-known trip around the globe. The first voyage took three years, and they were years of great privation and discomfort. The early successful navigator was J. S. del Cano, a Spaniard. He returned to port on September 6, 1522. The expedition numbered five vessels, and of the 280 pioneers who set sail only 31 returned-ragged and broken. One of the objects of the adventure was to test the theory that the earth was round, and the ships took a westward course to discover a passage to the Indies. Ferdinando Magellan, a Portuguese, after whom the straits are named, was a leading spirit in the expedition. When the task was almost accomplished he and 40 others were killed by natives in the Philippine Islands. Only one ship, the Vittoria, under del Cano, completed the journey

Modest Maiden

"John, I want to say, something to

"Say on, my dear," replied John, as he looked fondly at the golden head that was pillowed on his manly bosom. "This is the year when proposing is done by the women."

"I hope you don't expect me to proose to you?"

"Well, Mary, I have never given the natter a thought. To tell the truth, I've only know you for-that is to

"I am glad you don't expect me to propose. I'm not that kind, I hope. No, John, I couldn't be so immodest. I am going to let you do the proposing yourself in the old-fashioned way. The old-fashioned way is good enough for

The girl gave her lover a beaming smile, and the youth rejoiced that be had found such a treasure of modesty.

Poisonous Flower Bulbs

Daffodil bulbs, which superficially resemble onions, have sometimes been eaten for them by mistake and have caused serious poisoning. A case was reported not long ago in Edinburgh, where a cook took a daffodil bulb for an onion and used it to flavor a stew subsequently eaten by five persons. All were made acutely sick before the end of the meal. All recovered in a end of the meal. All recovered in a few hours and apparently suffered no after effects of the dose. The poisoning is supposed to be due to a principle known as "narcissine," found in the bulbs of daffodils and jonguils. Persons keeping daffodil bulbs in the house should take care that they are not confused with onions.

Beginnings of Music

The beginnings of music-making, as it is practiced by uncivilized people, offer curious reading. Among savage tribes, it is said, the earliest acquired musical phrase is derived quite distinctly from a simple howl, the notes gliding down or up a scale by semitones. And savages repeat over and over again one phrase, their satisfaction in having mastered which is childlike, As the people rise in the scale of intelligence, their favorite musical phrases grow larger and become more elaborate until a systematized making of music can be clearly discerned.

Famous London House

Carlton house was a famous mansion in London, which formerly stood in Waterloo place, near Pall Mall. It was erected in 1709 by Lord Carlton, and was afterward the residence successively of Frederick, prince of Wales (father of George III) and of George IV when prince of Wales. The building was removed in 1826. Carlton club, the famous Conservative club, was founded by the lake of Wellington, in 1831. It occupies a position near the site of Carlton house, whence the

All That Survives One To be rich to be famous? Do these profit a year hence, when other names seem leuder than yours, when you lie hidden away under ground along with the idle titles engraven on your coffin? But only true leve lives after you, follows your memory with secret blessings or defends you and intercedes for you. Non omnis meriar, if dying, I yet live in a tender heart or two; nor am lost and hopeless, living, ff a sainted departed soul still loves and

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