

The human system can endure heat of 212 degrees, the boiling point of water, because the skin is a bad con-ductor, and because the perspiration cools the body. Men have withstood without injury a heat of 300 degrees for several minutes.

A non-corrosive, non-poisonous alloy of aluminum has been discovered which may take the place of copper in the manufacture of neils, staples and tacks. The new material is not af-feeted by the weather, and will not de-teriorate; it is lighter than copper, and four cents a pound cheaper.

Fall River, Mass., produces more than three-quarters of all the print cloths made in the United States, has one-seventh of all the spindles in the country and about a fourth of those In New England, and more than twice as many as any city in the country. Its mills turn out more than 1500 miles of cotton cloth every working day.

of corron cloth every working day. Fossilized tropical fruits have late-ily been found in coal mined in Spitz-bergen. The discovery opens up a mat-vellous line of geological speculation. Spitzberger is 400 miles northwest of the northernmost point of Norway, and is subject to extreme cold and les for half the year in the gloom of the Arctic night. These conditions add to the mystery of the existence of tropical vegetation in the region.

tropical vegetation in the region. Sawdust mortar—a mixture of saw-dust and lime—has lately been men-tioned a number of times as a good covering for steam pipes, with the virtue thrown in of affording a means of utilizing waste sawdust. Something like twenty years ago a covering of this general character, made up of sawdust and plaster of paris, was used with satisfaction in one large steam plant, not only for steam pipes, but for the bollers as well; but the develop-ment since then of specially manufac-tured non-conducting coverings in sections at a cost about as low as that of the home-made product, long since led to the abandonment of the latter.

led to the abandonment of the latter. Professor Albert F. Wood, physiolo-gist of the United States Bureau of Plant Industry, undertakes to explain how foliage is covered by frost. "Au-turnm leaves containing sugar," says the Professor, "such as the maples, sumachs, gums, etc., easily oxidize, and violets so beautiful to the eye. That is why these, especially the hard maples, give the most beautiful an-turn leaves. Autumnal oak leaves bey contain much tannin. The oxidation color of tannic acid is dirty brown. Leaves which die quickly never give autumn leaves are produced by a long-drawn-out fall, whose days gradually coal from summer heat to winter snow."

Although the sale of arsenic is pro-hibited in that region white arsenic is scaten freely by the peasants of Styrfa and the Tyrol. Because of its efficiency in warding off fatigue and enabling those engaged in hard physical work to endure the strain it is an article of daily diet among the people of that re-gion. A district physician states that the arsenic is usually taken before meals in a cup of coffee, and while the first dose is minute the amount it reaches an average of fifteen grains. Those working in the arsenic factories of Salzburg are said to become arsenic eaters to avoid being overcome by the fumes of the drug. Immunity from infectious diseases, a fresh, youthful ppearance and longevity are some of the dvantages the arsenic eaters us-part of sudden death. Arsenic eating is induged in by the women as well as by the men.

as by the men. **Caracgies' Earldoms.** The Carnegies, who have been prom-fment in Scottish history for five cen-transcription of the server server the server server of the server server of the server server

Hotel Expense For Lines. The advance in the price of linen adds heavily to the expense of main-taining the equipment of the big ho-tels. The manager in one of the big hotels said not long ago that he paid \$50,000 a year for linen to keep up his supplies, and that looms were run all the year round at Belfast for his hotel. The wear and tear and loss of hotel furnishings make it a more ser-tors frem in the expense account than the parton realizes.

When a Man is Angry. Every time a man gets mad, the ill emper passes from one to another it those around him until it finally eaches a boy, who slaps his sister, or icks the dog.-Atchison Globe.

GREATEST TEXAS RANCH.

Given to Men Who Provided the State Capitol.

Given to Men Who Provided the State Capital. Texas is noted for the number and extent of its ranches. Of a total of several thousand to several million acres, the large ones averaging 50,000 acres. The greatest is the "X. I. T.," in the Panhandle, which embraces half a dozen countles and contains nearly 3,000,000 acres. It belongs to the Capitol syndicate, a company of men who received this vast territory some twenty years ago in return for providing the magnificent state house at Austin. The ranch is divided into several sections, each managed by a foreman and each connected with the headquarters by means of tolephones. The whole is run with the system and dispatch which characterizes all great industries. On this ranch now run considerably over 100,000 head of cat-tle, and an idea of the size may be pained from the fact that the pasture face extends 210 miles in one direc-tion and 25 miles in another, making a total of about 5,000 square miles. From time to time small parcels of rand have been soid, and meanwhile valuations have appreciated from 50 cents an a cre to four times that amount.

Insuring the King's Life.

Insuring the King's Life. London life insurance companies are fairly besieged with applications from people who are anxious to insure the life of the king until after the cor-onation next June. The rush is so great that insurance rates have jump-ed to a surprising figure. Ordinarily the annual premium for a polley on the sovereign's life is about \$15 for each \$500, now it is \$75. Most of the persons taking out these polleds are making special business arrangements in connection with the coronation-theatrical managers, hotel proprietors, real estate agents, etc. The tempta-tion to embark in speculation in the same direction is, however, proving too strong for many financiers, not-ably members of the London stock ex-change, who are taking out policies on all sorts of pretaxes, generally giving as their kasis of risk certain mytheal "holdings in seats along the route of the coronation procession."

Uniform German Postage.

Uniform German Postage. Stamp collectors will be interested in learning that one of the German states will disappear as a stamp is-suing country in a few months. At present the kingdoms of Wertumberg and Bavaria are the only states of the German confederation which have their own special postage stamps. It has long been the desire of the Ger-man emperor to have uniformity in this respect. Quite recently the Reich-sanzeiger announced that after April 1, 1992, Wurtemberg Wil cease to issue ta stamps and will use those now in use in Germany generally.

Hereditary Naval Families. Hereditary Naval Families. There are British naval families which have supplied officers to the service for the greater part of two centuries and in some cases for long-er. Nothing, indeed, is much more common than to find in the navy of to-day an officer whose great-grand-fashers have served before him, and most of whose relatives have been either the children or the parents of naval officers of not themselves naval officers or the wives of such.

Six Thousand Questions Asked

Six Thousand Questions Asked. During the session of the British Parliament that began on January 23 and ended on August 17 no fewer than 6,448 questions were asked in the house of commons. This number has only once been exceeded, in recent years at any rate, namely, in the ses-sion 1893-4, when the number of ques-tions was 6,534. But the house sat on 226 days during that session, whereas there was only 118 sittings during the recent session.

Ten years ago about 60 foreign fire insurance companies carried on a lu-crative business in Chile, experienced but Mtle competition from the half-dozen Chilean companies then exist-ent. Now Chile counts 23 fire and marine insurance companies.

It is pure. It is gentle.

It is pleasant. It is efficacious. It is not expensive.

produces.

It is good for children.

It is excellent for ladies.

TILLEY TELLS OF SAMOA.

TILLEY TELLS OF SAMOA. Extreme Hospitality of the Natives Hat to Be Curtailed. While Commandant of the United States naval station at Tutula, Samoa, who has just been vindicated on a charge of intoxication, was in washington recently he submitted to Secretary Long his anual report. He says that the Tutulans are a gentle, kindly, simple-minded people, and that the form of government inst-tuted by the United States has proved opular with them. He recounts the numerous improvements in the system of self-government suggested by the people and eagerly agreed to by them, they only a state of a state of the system of states and seagerly agreed to by them of self-government suggested by the people and eagerly agreed to by them be on a wandering holiday. The spirit of hospitality is cultivate to an extreme among the natives, and at yearly village village as long as the hosts felt it their bounden duty to shorter custom was the bestowing of presents of great value at wedding and other ceremonies, a practice which was carried to such excess that a single wedding often impover-ishes practices were stopped upon the suggestion of Commander Tilley. BUFFALO BILLS ISSUED.

BUFFALO BILLS ISSUED

Ten-Dollar Notes Have Largest Figure Ever Used.

New Ten-Dollar Notes Have Largest Figure Ever Used. The first of the new issue of ten-dollar buffalo bills have just been plac-ed in circulation by the treasury de-partment. The note is named buffalo bill because of the central figure, which is a large buffalo, standing in a position as though to charge on an enemy. It is the largest single figure-ever placed on a treasury note. Al-hough the buffalo bill has been in cir-culation only a short time a number of them have found their way back to the treasury for redemption, being either too mutilated, smeared or dis-figured for further use. In all of these bills thus returned the buffalo has been sadly disfigured. The explana-tion for the short life of these bills is that they were put into circulation before being properly cured. There was a great demand for ten-dollar notes at about the time the new ones came from the engraving and printing bureau and the buffalo bills had to go out before they were properly cur-ed.

OCEAN-TO-OCEAN RECORD.

Sixteen Hours and a Half Cut Off By Railroads.

Railroads. The recent 15,000-mile race of the mails over the Pacific ocean, across the mountains and prairies of tho United States, brings to notice the wonderful gain in time of American mails from ocean to ocean, and this within a period of less than three years. Since January 1, 1899, there has been taken off 16 hours and 30 minutes of time between New York and San Francisco. A gain of 1 hour and 40 minutes of this time has been made since November 3 of this year by the Northwestern, Union Pacific and Southern Pacific systems.

Colorado Colony for Consumptives.

Colorado Colony for Consumptives. An interesting experiment is in progress near Barnum, Col, which if successful may prove of great value to many people who find themselves suffering from consumption in an in-clpient stage and cannot afford to stay in Colorado long enough to effect a permanent cure, or even to go there at all. A co-operative colony for con-sumptives has been started on a ten-acre tract of fruit land, and the pa-tients there live in tents and work outdoors.

A promising substitute for rubber has recently been made from the shoots of the Rocky Mountain grease-wood plant.

Why

There are 250 clocks in Bucking-ham Palace, and it is a work of no small importance to keep them all go-ing. Some of them are as old as the time of Louis XVI, and the works are still in good ord1r. The King does not like a useless clock, and when the works of an antique the clock of the works of an antique the place with new ornes.

Prostrate With Rheumatic Times Within Twenty Ye

Prostrate With Rheumstie Fever Six Times Within Twenty Years. This was the case of Mr. Eli Wiltshire, of Landsdown Terrace, Calne, Wis, who, during this time, suffered the most intense agony. He writes: "I heartily indorse the testimonials which you publish of St. Jacobs Oil as a pain killer, for I have been a sufferer from rheumatism and kin red complaints at different times during the last twenty years. I have been laid prostrate with rheumatic fever six times during that pe-riod, therefore I consider I know some thing about rheumatism. During all of these twenty years I have been so of them gave me much relief, but when I tried St. Jacobs Oil I found quite different results. It eased the pain almost immediately, and has done for me what all other remedies put together never began to do. "T could give you several cases that have been cured, which have come under my notice, and through my recommendation; also one of toothache, one of faceache and one of sore threat. "I have recommended St. Jacobs Oil and shall continue to do so by every means in my power, as I consider you deserving of every support."

'A barrel of gasoline confined in a cellar has twice the explosive force of a barrel of suppowder

gunpowder. Wish All a Happy New Year. Happiness that comes with good health is given to all who use Nature's gift, Gardiel Tea. This Herb Cure cleaness the system purifies the blood and removes the cause of disease. Australia has more than 1000 news-

Electric currents from lightning, of 0,000 volts intensity, have been measured while passing down the con-ductors of the Eiffel Tower.

Each package of PUTNAM FADELESS DYR colors either Silk, Wool or Cotton perfectly at one boiling. Sold by all druggists.

Grade crossings in Europe are unknown. Most things grow smaller as they are contracted except debts.

Jerusalem's Ancient Water Supply.

Jerusalem's Ancient Water Supply. The aqueducts and reservoirs of Jerusalem show that there was abundant provision for running water in the ancient city. Within the last few weeks they have brought again into the service of the city, which for many centuries has been dependent upon small accumulations of rain water. The water is piped from Sol-omon's pools, nine miles south of the city, drawing water from the sealed fountain mentioned in the "Song of Solomon." It is a deep subterranean spring, which flows through an arched channel to a distributing chamber. A Christmas Difner That Was Not Eaten

A Christmas Dimer That Was Not Eaten Bocause of indigestion [1] This sorry tale would not have been told if the system had been regulated and the digestion perfected by the use of Nature's romedy. Garheid Tea. of stomach, liver and howed dorangements, cleanees the system, purifies the blood and lays the foundation for long life and con-tinued good health.

A friend in need is a friend-who ally wants to borrow a fiver.

How's This? We offer One Hundred Dollars Reward for any case of Catarth that cannot be cured by Hall's Catarth Cure. F. J. CHENEY & Co., Props., Toledo, O. We, the undersigned, have known F. J. Che-ney for the last 15 years, and believe him per-fectly honorable in all business transactions and financially able to carry out any obliga-tion made by their firm. Warr & Thora, Wholesale Druggists, Toledo, Warrow & Thora, Wholesale Druggists, Toledo,

Obio. WALDING, KINNAN & MARVIN, Wholesale Druggiets, Toledo, Obio. Hall's clarrh Cure is taken internally, act-fag directly upon the blood and mucous sur-faces of the system, Tries, Tac, per bottle, Sold by all Druggiets. Testimonials free, Hall's Family Film are the bosts.

The cost of painting the Tower Bridge, London, is \$25,000.

Because

FOR SALE BY ALL LEADING DRUGGISTS.

Best For the Bowels. No matter what alls you, headacho to a cancer, you will never get well until your boar you without a gripo or pain, produce easy natural movements, cost you just 10 cents to start gotting your health back. Cas-camers Candy Catharid, the gouino, put up in metal bocks, every table thas C. C. C. stamped on it. Beware of initiations.

THE BEET SUGAR INDUSTRY. THE BEET SUGAR INDUSTRY. The Evening Post bids the heartlest welcome to every American industry that can stand on its own bottom and make its way without leaning on the poor rates. Among these self-support-ing industries we are gied to know, is the production of beet sugar. At all events, it was such two years ago. We publish elsewhere a letter written in 1890, and signed by Mr. Oxnard and Mr. Cutting, the chiefs of this indus-try on the eastern side of the Rocky. Mountains, showing that this was the happy condition of the trade at that time. If partles maguerading as beet sugar producers are besleging the President and Congress at this mo-ment, and pretending that they will be ruined if Cuban sugar is admitted for six months at half the present rates of duty their false pretences ought to be exposed. The letter of Messrs. Oxnard and Cutting was probably written for the purpose of inducing the farmers of the Mississipi Valley to go more largely into the cultivation of beets for the FITS permanently oured. No fits or nervous-ness stor first day's use of Dr. Kline's Great Nerve Restorer. \$ 1 trial bottle and treatise free Dr. R. H. KIINF, Ltd., 931 Arch St. Phila, Pa.

Mrs. Winslow's Soothing Syrup for children teething, soften the gums, reduces infamma-tion, allays pain, cures wind colic. 25c a bottle.

It takes a wise man to get others finan-ctally interested in a fool scheme.

Piso's Cure cannot be too highly spoken ot as a cough cure. J. W. O'Bnirs, 522 Third Avenue, N., Minneapolis, Minn., Jan. 6, 1000. The man who knows the least shows it the most.

A Union Soldiers' Home. A remarkable soldiers' home will that now building at Johnson Cit Tenn., where both Union and Confe erate soldiers in the Civil war and w unteers in the war with Spain are be harbored. This home will compri-35 buildings, among them a memori hall, a mess hall, a chapel and a ca teen. They will occupy a site a mi and three-quarters long and thr quarters of a mile wide in the head of the mountains. The grounds w be laid out by a landscape gardene Surger or lets not only. In the con-

Bronchitis "I have kept Ayer's Cherry Pec-toral in my house for a great many years. It is the best medicine in the world for coughs and colds." J. C. Williams, Attica, N. Y.

All serious lung troubles begin with a tickling in the throat. You can stop this at first in a single night with Ayer's Cherry Pectoral. Use it also for bronchitis, consumption, hard colds, and for coughs of all kinds. zes : 25c., 50c., \$1. All d

Consult your doctor. If he says take it, then do as he says. If he tells you not to take it, then don't take it. He knows. Leave it with him. We are willing. J. C. AYER CO., Lowell, Mass.

PNU 52, '01 Capsicum Vaseline

Put up in Collapsible Tubes. Put up in Collapsible Tubes. A Substitute for and Superior to Mustavi or any other plaster, and will not blister the most delicate stim. The pairs allaying and curative quilities of this article are wonderful. It will stop the tothache is conce, and relieve hashaches and scientize, we recommend it as the best and nafest extornal counter-drittant known, also as an oxternal remedy for pairs in the chest and stoach and all rheumatic neurable and youry compliants. for the and it will be found to be invaluable in the household. Many people as y'' it is the bost of all your preparations." Frice, 13 cents, at all drumprist, or other dealers or by sending this amount to us in postave stamps we will send you a tube by mail. Mo article should be accepted by the public unlees the same carries our label, as otherwise it is not genuine.

CHEESEBROUGH MANUFACTURING CO., 17 State Street, New York City.

When a man is dropped for non-paym of dues he is generally broke.

A Good Way to Begin 1002. Cleanse the system, purify the blood and regulate the liver, kidneys, stomach and bow-els with the Horb modeline, Garrield Tea, in-suring health and happiness for the New Year. The feminine surplus in Massachusetts is 70,598.

There are three telephone circuits be-tween New York City and Atlanta.

A Union Soldiers' Home.

Sugar exists not only in the cano beet-root and maple, but in the sa of 187 other plants and trees.



duty their false pretences ought to be exposed. The letter of Messrs. Oxnard and Outing was probabily written for the purpose of inducing the farmers of the Mississippi Valley to go more largely, into the cultivation of beets for the sugar factories. This was a laudable motive for telling the truth and show-ing the large profits which awaited both the beet grower and the manufac-turer if the industry were persever-ingly and intelligently prosecuted. To this end it was pointed out that farm-ers could clear 865 per acre by culti-vating beets, and might even make \$100. But in order to assure the culti-vator that he would not be exposed to reverses by possible changes in the tarfif, they proceeded to show that the industry stood in no need of pretection. The beet sugar industry, these gen-tiemen say, "stands on as firm a basis as any business in the country." They polat out the fact-a very important one-that their product comes out as of finished article, refined and granulated. It is not, like cane sugar grown in the West India Islands, a black and offen-sive paste, which must be carried in wagons to the seaboard and thence by value to the fact-a very important or the factory, which turns out the re-fined and granulated article at one fell wagons to the seaboard and thence by rall to the Consumer, who may possi-bly be in Nebraska, alongside a beet sugar factory, which turns out the re-fined and granulated article at one fell producer of beet sugar for supplying the domestic consumption are very great. We have no doubt that Messrs. Oxnard and Cutting are within bounds when they say that "sugar can be pro-duced here cheaper than it can be in Europe." The reasons for this are that-

The Beet Sugar Industry.

A most important article giving Messrs. Oxnard's and Cutting's views

on the beet sugar industry in this country appeared on the editorial page

of the New York Evening Post of De-

cember 12 last, and as every house hold in the land is interested in sugar the article will be of universal interest.

THE BEET SUGAR INDUSTRY.

duced here cheaper than it can be in Europe." The reasons for this are that— "The sugar industry is, after all, merely an agricultural one. We ean undersell Europe in all other crops, and sugar is no exception." It follows as naturally as the making of flour from wheat. If we can pro-duce wheat cheaper than Europe, then naturally we can produce flour cheap-er, as we do. But the writers of the letter do not depend upon a-priori reasoning to prove that they can make sugar at a profit without tariff protection. They point to the fact that under the McKinley tariff of 1890, when sugar was free of ducy, the price of the article was four cents per pound. Yet a net profit of 35 per ton was made by the beet sugar factories under those conditions, not counting any bounty on the home pro-duction of sugar. They boast that they made this profit while working under absolute free trade, and they have a right to be proud of this result of their skill and industry. Many beet sugar factories had been started and seventies of the nineteenth cen-tury, and had failed, because the pro-iectors did not understand the busi-ness. Since thes great progress has been made, both here and abroad, in the cultivation and manipulation of the beet. What was impossible thirty pars ago is now entirely feasible. The industry is already on a solid and en-during basis. There are factories in the United States, these gentiement ell us in their letter, capable of using stondout os S per ton, and this would make a profit of \$1,050,000 as the in-terde. It must be plain to readers of this

make a power and under absolute free trade. It must be plain to readers of this letter, signed by the captains of the beet sugar industry, that the people in Washington who are declaiming against the temporary measure which the President of the United States urges for the relief of the Cuban peo-ple, are either grossly ignorant of the subject, or are practising gross decep-tion. The tenable ground for them is to say: "Other people are having pro-tection that they do not need, and therefore we ought to have more than we need." This would be consistent with the letter of Messrs. Oxnard and Cutting, but nothing else is so.

PENSION JOHN W. MORMIS, Successfully Prosecutes Claims, La ophical Examine U.S. Pension Burack Systectional Examines U.S. Pension Burack

DROPSY NEW DISCOVERY; pre-sense Book of test-montals and 10 days' treatment Free. Er. E. H. Sasza's goad, L. S. Atlants, GA MCILHENNY'S TABASCO

CURES WHERE ALL ELSE FAILS Guiles Where ALL ELSE FAILS. Best Cough Syrup, Trastes Good. Use in time, soid by druggists.

