SHE IS A METAL WORKER.

New England Girl Enthusiastic Over Trade She Has Taken Up-Buckles Her Specialty.

She has a little forge in one of the rooms of her home, and there this clover New England girl works away with metal and semi-precious stones. turning out buckles, butjons and odd dress ornaments that are the envy of all who cannot afford to buy them,

says the New York Sun. The fad is a comparatively new one with her. Inspiration for it came on a recent trip abroad whon she became deeply interested in the exquisitely wrought metal ornaments she noticed in the shops of the dealers in antiques. It was the designs of these ormaments that first attracted her attention, because for a good many years she had been interested in the study of design and had carried out many original ideas in ambroidery.

When she got home she bought a force and tools and began work. Her small forge blazes away day after day and her enthusiasm keeps blazing away, too

The fad is now no longer really a fad for she takes orders for her work and has established a business of such preportions that sire is justified in believing that she can soon take another trip abroad to study. She has made buckles her specialty.

"I was fortunate enough," she explained to a friend, "to get my trade started just when the craze for fancy buttons was so violent. My friends are all grazy for the ones I make because I make them to go with the gown and I study the wearer's individuality. This old gilt set with garnets was made to go with a beautiful deep red velvet cloak

"Individualism in dress is all the go now. That is why I have such a market for my buttons and dress ornaments. My customers know they are getting something positively unique." Does the work take strength?" "Yes, and patience."

ORIGIN OF THE CUSTOM.

The Putting of Coins in Foundation Stone of New Building Based on Ghastly Practice.

There is nothing especially impressive In itself about the practice of putting ceins under the foundation stone of a new building, especially if the denomination of the coins is modest. Yet this narmies practice is the shadow of an older transic custom. The money stands. theoretically, for the ransom of the human being who by ancient superstition should have been buried in its place Otherwise, it was held, the building would not stand firm and endure.

> There was a time when this particular kind of human sacrifice had a rogue extending to most parts of the world. Even in England skeletons have found imbedded in the bases of castie walls, and there is record of one German fortress at the building of which a child was bought from its mother with hard cash and walled in to the donion tower—the unnatural mother. secording to the story, looking on the while Effigies of human beings are still rised in some parts of Europe as harm-" less substitutes and in remoter and more ruthless places the old custom crops out from time to time in all its grim reality.

It was not long ago that at Mosdok. to the Caucasus, three builders were arrested for kidnaping a lad. Afterward the body was found walled into a tower they were at work upon Within the last half century two children, a bey and a girl, were, it was reported, walled into a block house by some laborers at Duga, in Asiatic Turkey.

Weather Plant.

For 18 years Baron Fridland von Nowack has been studying the tropical "weather plant," Abrus Precaturius Nobills, as an instrument of long-distance weather forecasting. He finds that the twigs and leaves respond in movement and even in color to electric and magmetic forces of the atmosphere, and that familiarity with the effects of sun-spotsgives a means of predicting barometric and earthquake conditions 24 or 28 days in advance. He believes that he can indicate areas of rainy, fine and foggy weather for two to seven days in advance. He contends, moreover, that very high or very low pressures affect the compass sufficiently to cause vessels to go out of their course, and he claims that these extremes of the barometer and the degree of their effect upon the compase can be foretold 24 or 28 days fa ad takee

Make-Up of the English Woman.

If you were asked to construct an Englich woman from her shopping, says London Truth, what a flendishly heartiess horror she would turn out. . Tearing the plumes from Hving birds for her bat scorning her starving countrymen, their wives and children, while the pips across to Paris to buy her silks. omiking her head with the tresses of poor some ill in the hospital. But we will go no further with the fabrication of our female Frankenstein

Antique Fakes.

The Hong-Kong Daily Press says-"""The wort peak seeker after curios out here is a source of revenue to many an unscrupulous narive vender. A most. and whereby the appearance of captury. pid china is simulated is to kill a dog and place the new, comparatively ratifeless perceiair, in its inside, afterward burying it in the earth. At the end of a year the ware is transformed into a choice specimen of veritable antique

Unpardonable.

An ord gentleman in Australia broke off the engagement between his daughtr and a young man because the young man led the thirteenth trump at whist.

BLOCK SYSTEM IN GERMANY

Exhibit at the World's Fair Has 1,500 Feet of Track with Station-House and Switch Towers.

The German government railroad exhibit at the St Louis fair shows the block system and swith signals now in use in Germany More than 1,500 feet of track, in the construction of which BOID TOUR AND WOOD THE WATE BOOK, BAVE

been laid There are a station house, two switch towers and one intermediate block signal post. One of the switch towers is fitted with mechanical and one with electrical aignal apparatus. The block system makes it impossible for a train to run dawn another between stations. The double track system prevents collisions. By means of electrical apparatus all switches except the one opening the destred track are locked, making an error impossible. As the last wheel of the train passes the switches are all released by rail contact, making way for

the next train At intervals of about seven miles are placed intermediate block posts with a almilar signal and switch apparatus By automatic arrangement the tevers are alf locked, so that one train rannot leave the station until the train shead has passed the next post, thus preventing one train from running down another. All the material used in construction was brought from Germany

DESCRIBES OWN INSANITY. Young Doctor of Lowell, Mass., Drives. Crasy by Overwork Can Tell How He Felt.

The most interesting patient the Lowell, Mass., hospital has had for some time is Dr Eugene Mayrand. who, with the physicians of the hospital staff, is watching for signs of returning insanity that caused his removal from his home re-ently.

"What you need is a season of unbroken rest," said Dr. C. E. Simpson, the superintendent. "Your trouble has been brought on by overwork, but need not prove serious."

Dr. Mayrand has just completed his education after a struggle Born of poor parents, he went to work as a boy and was married while still a very young man. Then he determined to study medicine and he worked his way through college while still supporting his wife. This summer he had obtained temporary employment in the assessor's department and intended (o hang out his shingle in the fall

He went insane on Friday night. imagined that he had committed a murder and then thought he had swallowed a bottle of carbolic acid and was dying. His removal to a hospital probably averted a tragedy. He recovered his mental balance the other day and was able to describe the gradual 1354 of his senses.

WILL SLEEP ON SILVER BED

Eastern Potentate Orders Most Elaborate Set of Furniture of Precious Metal.

A prominent Shefferd (England) frm has just received at the hands of an eastern potentate an order on a scale of magnificence never before heard of in either the city Itself or the country at large

One's throughts turn to the "Arabian Nights" when mention is made of a pedroom suit in solid stiver, but such to the character of the order-just place!

The name of the customer is so far seret, and the only information which can be obtained is that the instructions have come from the far east, and that the question of price is only a minor consideration

The designs are of oriental character. and of a most elaborate description. The suite, which is in solid silver throughout, includes a bedstead, a cabinet, a dressing table, a dozen chairs, hree footbaths, and three hot water

The bedstead is of the most ornate tharacter. Each of the four pillars. will be surmounted by gracefully modsled female figures nearly three feet in height. The moulding of the room and other decorations will also be in steri-OR BILVET

Dying Eggs. Just now the foreign egg trade of Engtand is much exercised over the disclosures made recently by Lord Onslow, president of the British board of trade, as to the petarious practice of certain foreigners of dyeing their eggs for the London market with coffee in order to secure the rich brown shade which it seems all Landoners prefer in their eggs. Lord Onslow advised the English egg producers to take a leaf from the book of their ontinental rivals and by the liberal new of coffee secure the shade which in London adds 25 centa a hundred to the value of their eggs

Land Devoted to Corn. Preliminary returns to the chief of the tureau of statistics of the department of agriculture show the acreagaof corn planted to be about 91,930,000 acres, an increase of about 2,130,000 acres, or 3.4 percent on the area planted last year, as revised in December.

A Deduction. A Chicago woman de lares that a mandoes not love his with unless he is willing theat anything sharetoks. And there is no doubt in the world, savathe New York Mail that if a man really loves a woman he ought to be willing to die for

No Hope for the Tramp. President Roosevelt is chopping wood for exercise at Oyster Bay With Parker taking a daily dip and Roosevelt working on the woodpile, the Chicago Record Herald asks where is the tramp vote to go this year?

THAT MADE A DIFFERENCE A LONE NAVIGATOR.

Employer Advised Economy, But in This Case It Was Entirely Banecessary.

"They tell me that you're thinking of getting married. William," said the oldfashioned employer to his faithful and steady clerk, relates the Chicago Daily

News sir," said the young man, respectfully, "I expect to be married next month."

"So soon as that?" said the old-fashloned employer, in some surprise. "Well, William, you know best, I suppose, or you think you do. But I imagine that you won't mind if I give you a little advice. I have been married for 34 years myself, and I think I might be able to give you a few points. To begin with, practice frugality.

"You will probably be tempted to many little extravagances at the outset. If you have not bought your furniture, I would recommend you to avoid extravagance in that direction. Bric-a-brac and pictures are not necessities, and I wouldn't spend any money for them if I were you. You, will need chairs and tables and household itnen, of course. Dishes and culinary utensils, too, you will be obliged to have, but these, for a young couple in your circumstances, should be of the plainest description. The money that you will save by denying yourself expensive decorated china and useless gimeracks you can deposit in the bank, where it will increase slowly but surely with your added savings, as a provision against sickness or other misfortune, and will perhaps even amount to an independence for your old age. I would, in your place, apportion my income-so much for reat, so much for household expeases, so much for clothing and so much for a modest life insurance, always reserving a certain sum to be laid aside for a rainy day and never going beyond that apportionment. I would not waste money upon theaters or similar places. of amusement. There are always lectures on improving subjects which may be heard free, and there are museums, also free, which may be visited. Entertainments to friends or acquaintances which involve expense should not be indulged in As to your table, plain food is the best, as well as the most wholesome. Some of these regetarian dishes are quite appetizing. Lentils are said he extremely pourishing and prunes are a valuable article of diet. But, of course. I could not undertake to mention everything that I might think proper for you to eat. I wish that it was in my power to raise your salary a trifle,

but---"I'm much obliged, sir," said the clerk. "but I don't think we will need it. The lady I am going to marry has an income of \$70,000; and I hope to live within that unless she gets some more at her

father's death, but-" "Oh, that's entirely different, my boy." said the old-fashioned employer. "In that case, I'd recommend you to go

DOUBLE BALLOON AIRSHIP.

Invention of an Englishman That Will Be Something New and Novel.

A new type of dirigible balloon, invented by L J Anderson, of London, England, is described in the Scientific American . The principal feature is that two balloons, placed side by side, of identical shape and capacity, are employed to lift the vessel. The model having proved successful to the inventor. a full-sized vessel is now being constructed. The balloons are elliptical in shape, and will measure 70 feet in length by 27 feet diameter at the widest part. They will each hold approximately 27,000 feet of hydrogen gas, thus giving them a lifting power of 4,000 pounds

The framework, or deck, of the vessel will measure 75 feet in length, and is to be constructed of bamboo. Another feature of the craft will be the employment of three propellers. The main propoller will be placed at the stern, together with the rudder. By an ingenious arrangement, however, the pitch of this driving propeller may be varied from the deck of the vessel as desired, the object of which is to use it as an auxiliary though powerful rudder, for maintaining or altering the ship's course according to the exigencies that arise. Two subsidiary propellers are placed at the bow and stern of the deck respectively, and are intended to supplement the driving power of the mechanism. The whole of machinery is place between the two balloons; for the inventor holds that by this design the improvement of the steering possibilities and the maintenance of a straight course are materially increased. The motion of the propellers and their design are entirely new, coinciding as nearly as possible, to a reciprocatory motion, so that the nearest approach to the motion of a bird's wing is obtained. The propellers are to measure

30 feet in diameter The motive power is to be supplied from a 50-horsepower electric moter, and the inventor anticipates that a speed varying from 14 to 20 miles an hour in fair weather will be attained. The total weight of the viesel will be 3,000 pounds. which leaves a balance of 1,500 pounds, after deducting this weight from the lifting capacity of the aerostat, for the carriage of passengers, ballast, etc. It is hoped that the balloon will be read for irials some time this, and its total cost

will approximate \$10,000. New Grafting Method.

The grafting of fruit trees has tolay become such a common operation that there is no need to present the ordiaary methods, but what is less well known is that one may take young fruits of certain species and graft them on the pranches of other trees. La Nature, Paris, publishes a photograph showing now a pear of one variety was grafted on a branch not its parent.

CROSSES THE OCEAN IN A NINE-TREM-FOOT DORY.

Perilous Trip of Captain Eisenbaum-Driven Back on First Attempt-Finally Accomplishes Feat in Lie The Three Met the

Capt. Ludwig Eisenbaum, the ione navigator who made a perilous trip across the Atlantic to Marsellies in a 19-foot dory, the Columbia, has arrived at New York on the Red Star line steamship Kroonland

He brought his dory with him. In which his voyage was a continuous battle with death. Gale after gale he succomfully weathered, and although capsized once he managed to right the little craft and finally reached the other

side after a 86 days' battle with the sea. Capt. Elsenbaum was driven back on his first attempt to cross the Atlantic. On May 22, 1903, he left Boston in the Columbia. He made 350 miles in a dense for. Rheumatism attacked him after a storm that dreached him for nearly a month, and fearing he would become helpless he turned back after being out 25 days.

Early in August be again set sail in the Columbia for Marsetiles, a distance

of 4.910 miles. I had a pretty easy time of it until September 6," said Capt. Eisenbaum. In telling his story. "Then the waves swept over the Columbia so furiously that I had to lash my self aboard. In the afternoon the Columbia capsized I was lashed to the deck under water and I thought death had surely icome. but I got from under all right, and after struggling for two hours I got the Columbia right. I lost most of myimprovisions, however, all I had left being canned goods. My water was gone, too

"Two days after I lost my provisions, when I was almost starved. I sighted the Greenbrier, a British ship bound for Jamaica. Capt Bower invited me on board, but the sea was high and I was afraid to leave the Columbia. He sent me bread and meat and water, after urging me to abandon the trip. I had another awful storm that lasted three

"I made Funchall, Madeira, on October 20. The sight of land was a great relief I can tell you. Three cars at I was in Gibra.tar "

The Columbia is a dainty-but stanca Swampscott dory, decked all over excepting for a well used as a rabin.

INDULGE IN SMOKING TEAS

They Are a Specialty in Exclusive Female Club Circles in Germany-Active in Athletics.

The German woman of the moment is strongous in her athletto activity Spring and summer have called with no uncertain voice to the living, pulsating creature known as the modern woman.

Riding, golf, swimming, motoring, fencing-all these find room in the daily programme of the vigoroug society girl. who in her healthful dissipation has found the sovereign remedy for ennut.

At the moment the golf links are her especial attraction. She has decided already that she shall be hatless. Hatsage ant to get in the way.

They often spoil a drive, and they blow about merchessly in the wind and-"they look like taking rare of shire health, which is very bad form nowa-

Society girls are indulging in strange crazes. Smoking teas are the order of the day in exclusive, lubs, and they have even learned to appreclate the American cocktail, which is becoming immensely popular in Berlin.

Even in fashionable restaurants the sight of young ladies amoking digarettes. and drinking in full view of the public is no longer unusual.

HOW TO BE JAP GENTLEMAN

Clash Between Old and New Ideas Leads to Confusion of Customs Among Mikado's People.

A curious clash between the old ideas and the new in Japan, and a distinct change in the public attitude toward the women, has come with the so-called civilizing of things. The men do not know how to act, and the di-

lemma is amusing With his European manners and his European training the husband, as a gentleman, must let his wife enter a room before him whenever she wears European dress. As a Japanese, when she wears Japanese dress, he could not think of such a thing. Even now every Japanese seems inclined to speak of woman as his interior.

The dilemma-how to be a gentleman and a Japanese-is frequent, and the position somewhat Gilbertian.

Every effort both within and without Japan has been made to keep the ladies clothed in those national, graceful garments in which they are so exquisite, but progress rules, and the corset, the worst of all the borrowed features of civilization, has a tight and lasting hold upon the dainty little ladies of the east.

To Be Finest Military Post.

Plans have just been filed with the war department for reconstructing Fort Hamilton into what is thought will be the finest military post in the United States, if not in the world. Army men say that Fort Hamilton at present is thoroughly unsanitary, beaides being small and unfitted for the importance of the position it occupies. Gen. Greenough, an artillery officer, who is also an artist and an architect, is the designer of the proposed new post. At present the reservation includes 150 acres. With the proposed enlargement it will cover 500 acres and become a great public work.

SERVICE IN RUSSIAN ARMY,

Fall of Misery, Says a Deserter Who Comes to This Country with Tale of Woe.

Abraham Levingston, a deserter from the Russian army, arrived at St. Johns, N. B., from Liverpool recently and has gone to live with friends in Nova Scotia Levingston, who is a Jew, says he did not desert the army solely to avoid service in the present war, but that he has for years been watching for a chance to break away

from the miseries of the Russian ser-

vice, says a Bangor (Me.) report to the

New York Tribune. His escape was ingeniously planned. He feigned sickness, and upon application secured a short leave of absence, during which he went to his home. Meanwhile his brother, L. Levingston who lives at Digby, N. S., seat bim a ticket to St. Johns, and Abraham was able, by bribing the guards, to leave Russian territory. After that all was easy, and helanded in St. Johns a happy man, though still in dread lest spice of the Russian government should be on his track. Levingston has been in the Russian army for four years, and bad still eight months to serve, but such

were the hardships of the life that he

determined to remain no longer than

was absolutely mecessary. Levingston says that the whole army is ready to revolt, owing to the risors of the Russian military system Every male person in the country, upon the age of 21, is called upon for four years and eight mouths of military service failing in which his parents or nearest relatives must pay a fine of about \$150. taxes for the time he has been absent If the young man leaves the country and returns later, he is still liable to service, and is also compelled to pay besides being liable to punishment for evading service.

After entering the army the recruit's miseries begin. They are drilled continually, and are bound to perform any service that may be required of them. The food consists of coarse black bread, auch as none but a famishing person would eat. No tea, coffee or beef, or anything else in the way of food, is furnished. The men are partially clothed by the government, but are not furnished with boots. Instead, they are supplied with rough feather, from which they must make their own boots

The Russian army is sufficiently strong to overcome half a dozen nations like Japan if the soldiers were willing to fight, Levingston says. But there is so much insubordination among the men, due to cruel treatment, that the majority are ready to desert at the first opportunity. If a pitched battle takes place and a good chance offers it will not surprise those who know the army, says Levingston, to see whole regiments desert. The only thing that keeps the men in the ranks is dread of the awful punishments which follow even minor offenses. against authority. A large proportion of the soldiers are nihillers, whose, one aim is the overthrow of the present autocratic government

Russian Jews living in Bangor verify the descriptions given by Levingston, as above, of Russian army life. They are delighted that Russia is in trouble and that she is likely to have a hard time of it. They are overjoyed at the successes of the Japanese, and express the hope that they will march right on to Moscow (Mosewaw, they propose e its although they regard this as hardly pu≈≤ible

Several immigrants lately arrived in Bangor tell vividly of the sufferings they endured while in Russia. One of them said. "You ask us for news If you did that in Russia and I said anything a man would come around to see what we were talking about. Then, If they found out we would be sent to Siberia and our friends might never know what became of ust in Russia. any official can inquire what; is your business in any place where you happen to be. If you don't tell-trouble In our town we had a Jewish school, but when the patrol police came the children would run home. The Russians don't allow schools, and the people are ignorant-just like beasts When the soldiers come we run away. The soldiers steal everything out of every house. They are not bad menno worse than we but they are hungry. Lots of things happen in Russia that no one ever hears about. No man can print anything until the police see it, so people outside don't hear about the fights in the army, when men kill the officers. It's an awful countrythe worst country in the world-and I shall never go back there. We all hope the Japanese will win."

Electricity Restored Life.

Reduction by electricity of an aneurism or dilatation of the aorta, the main artery of the body, has been attempted in nine recorded cases, but only three of the patients survived. In a recent successful attempt, the galvanic current was applied to a Philadelphia man for one hour, reducing an aneurism that extended three inches above the base of the breast bone, and was 314 inches wide. Dr. James Brien, of Essex. Ont has saved a child's life by electricity, the infant being born apparently dead, and the current being applied after 15 minutes. In 15 minutes more signs of returning life appeared, pulsation of the heart and breathing being normal ten minutes

Would Be a Blessing. "Now that my daughter has been mar-

ried to a nobleman," said the Yankee father, "I must hustle and make all my labor count." "What a pity it couldn't be reversed."

replied the disgusted friend.

"How's that?" "Make all counts labor."—Chicago Daily News.

SÉA FLOWS INTO LAKE

NATURE'S ORDER IS REVERSED IN ABYSSINIA.

Body of Water Comprises About Sixteen Square Miles and Contains an Immense Supply of THE REST LET

In Consul Skinger's recent report on his visit to Abyssisia he mentions one of the most curtous bodies of water in the world, though we rarely hear of it. He says that Lake A saal has an immense supply of good sait and holds out very exceptional prospects to capitalists. A concession has already been granted fur the exploitation of the sait.

Lake Assai to a small body of very anit water lying seven or eight miles inland from the bay of Tadjoura, one of the French possessions in east Africa.

It comprises only about 16 square miles. It is surrounded by a wonderful confusion of jagged mountains, descending to the water's edge so that it is almost impossible to travel around it. Its waters are sait to the point of saturation, and at its lowest level there is eeen upon. its bank a layer of nearly pure sale over a foot thick

For years nobody knew whenev it derived its waters. The few men who visited it could got ascertain that any stream flows into it. It was thought that the lake probably had subterranean affluents, but this theory was not demonstrated.

The mystery of Lake Assal was solved in 1885 by the French explorer, Henry Audon He carefully examined the shores, though he found it very difficult. His hard work was at last rewarded by the murmur of a waterfall """

Guided by the sound, he approached the spot, and the solution of the enigmawas before him. He found a large brook of crystalline water foaming over the stones and throwing itself impetuously into the take. He tasted the water and found it as salt as the ocean, of which andred it had been a part

TO PROMOTE CUPID'S WORK

Matrimonial Club Organized in London to Bring Young Men and Maidens Together.

The newest lifes it clubs is one for the purpose of bringing young men and maidens together with the object of matrimony. The enterprise is to be given a trial in London, and the records at Somerset house show that there has to en registered under the companies act "The Marrimonial Club, Ltd."

"I went into the venture," said one of the shareholders in this romantic syndirate recently "solely because I believed at to be a sound investment, and one that would yield handsome dividends " Another shareholder waxed eloquent as to the merits of the company from the social and matrimonial side.

"If certain young women met certain young men who in the ordinary course of events would never enter into their lives " he eatd, "it is obvious that they might find they possessed many sympathies in common, and diriber that deep feelings if affect, it might spring up between them. To fill the long-felt wan! Cupid, Limited steps forward and makes his bow to an anxious public. "His arrows will be aimed at vulner-

wile hearts under cover of the soft. ressaudit, or on the Lanks of part irustice. rivers for it iv intercet that it is shall be firmed which will organize picnics. for the young people of both sexes dances, boating evoursions and thearrical enterja nmenta

"Cupid's prants have hitherto been performed for his own an overcort. It remains to be seen which about, work for the success of an undertaking inwhich he is not a van a shareholder !

WRITES DYING SENSATIONS

Bussian Rationalist Opens Artery and Leaves Record of Impressions as Death Comes On.

Feeder Romanovsky, a well known Russian advocate and rationalist, has committed suicide at Irkutsk, and has eft a record of his sensations After eating a hearty meal he opened

an artery in his left wrist, and applied a

figature, so that he could stop the bleeding when he choses: Taking a kness of paper he noted down his mental impressions as exhaustion came on. Just before the end he wrote: "This I expect will be my last note. I am inexpressibly happy and serene

There is a sweet taste in my mouth and a pleasing vapor over everything "I cannot stir from my chair and satdefy the thirst which comes to me. Is it not strange that millions of men and women wept because a few handred men-

Sure of Prompt Response.

died on a Russian ship?"

Very few of the floating population are responding, we bear to the call of the west for help in harvesting the crops remarks the Philadelphia Ledger, but suppose a cry should come from the vast distilleries of Linois wouldn't there be a congestion on the fast freights "

The Equality of Womers At Emporia, Kan Joseph Tuchey a German, was tried in police court for calling the wife of a neighbor some pretty tough names. Tuchey was frank. about it. "I call mine frau sames like dot," be said, "und I dink I auf de same right mit other romans "

To Simplify Matters. Owing to court customs Minister Leishmann cannot talk to the suitan of Turkey in person. Porhaps, remarks the St. Louis Globe-Democrat, the American representative may be able to reach. the sultan's ear by means of a squadron

L'ABEILLE DE LA NOUVELLE-ORLÉANS