# FOREST REPUBLICAN.

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It is understood that Arizona will soon pass a law similar to that in force in Idaho, disfranchising all Mormons.

Sam Wah Kee, a very wealthy and influential Chinaman of Boston, has been able to obtain from the United States Government a special suspension of the Chinese restriction in his case, so that he may visit his native land and then return to this country.

The Government of Peru has sent a military expedition of 400 soldiers up the Javary River to bring into subjection a number of wild Indian tribes who have hitherto been hostile to all whites entering their territory. As the country is almost unknown, five scientific men have gone with the expedition to explore the

The exportations from Florida for the last six months of 1889 were valued at \$18,468,801. Among the articles exported were 2,700,000 pounds of sugar, 12,000 head of cattle, 140,000,000 clgars, \$20,000 worth of alligator hides, \$9,111,-740 worth of lumber, \$1,987,114 worth of fruits and vegetables, and \$305,000 worth of sponges.

The Italian Government having made numerous vain attempts to raise money in Europe, has decided to send Signor Favia, a well-known statesman and a friend of the Premier, on a special mission to the United States to get together all the money he can under guarantee of fifteen Italian municipalities. The Goverament has an important financial operation in view.

M. Sautereau, one of the French engineers who was active in the construction of the Suez canal, proposes to complete the Panama canal on a new basis. His scheme is to make a lake in the interior of the Isthmus by storing water from the Chagres River. This lake would be fifteen miles long and cover about 800 acres, flood out the unhealthy swamps, and make valuable" the 200,000 acres of land owned by the Panama company, It would have strong locks at both ends.

An interesting application of electricity to the dairy industry has been made in Italy. The Count of Assata, whose buildings are fitted up with electric light, has connected his dairy plant with an electric motor of twelve horsepower, This machine drives a Danish separator and a Danish chura of considerable size, churning being conducted at the rate of 120 to 160 revolutions per minute, the butter being brought in from thirty to It is now recognized, enable the maker to Ardle's mother, are you not?" produce the finest article. A pump is also worked in the dairy, and various other operations are carried on by elec-

According to a correspondent of the London Times a strike in Russia is practically a revolt against all authority. He sends an account of one, which occurred about a mouth ago, to lilestrate the stupidity of the men and the very efficacious methods adopted by the authorities, Owing to a falling off in trade, the proprietors of some mills discharged a number of hands. Immediately all the workmen surrounded the managers, and demanded, with threats of violence, that ber of hands. The police were called in. who removed fifty of the most elamorous men. The others were confounded by the disappearance of their leaders and went back to work quirtly. They never knew what became of them, but as a matter of fact they were taken to the salt mines of Cracow, where they were scourged and ill-treated till they sought refuge in death. Thus the number of hands was reduced, and fifty men dangerous to the Government were re-

Mary Anne and Ellen Frances Dougherty, two Irish girls in the employ of Barbour Brothers, thread manufacturers of Paterson, N. J., have deposited with that firm \$16,000, every peupy of which \* has been saved from their carnings. The girls came to this country nineteen years ago and found work in the mill, where they have been ever since. The conditions under which this money has been accumulated are remarkable, since they show the hardship imposed by labor and endured by women laborers. Pew American girls could have stood the ordeal. Employed in the wet spinningroom, where the moisture underfoot and the steam heat overhead made it necessary, for comfort and convenience, to dispense with all superfluous clothing, they worked without shoes or stockings, wearing a low-accked and sleeveless dress from one year's end to the other. In this unsightly gurb the expense of clothing was reduced to a minimum, half of the twenty-four hours being spent in the mill, and, as their ifving expenses were covered by \$3, the rest of their earnings remained with the mill-owners, who, as an encouragement to thrift and industry, paid them six per cent, inMY FRIEND.

Not he who presses closely to my side When fortune smiles on me and lov

Not be who brings his laurel sprays to Among the flowers with which Fame decks

his bride Not he who names my name in conscio

pride. And bows with devotees about my shrine, Eager in my love-resary to shine; Not he! No; one like him shall not abide,

But he who holds me fast through grief and Though troubles deepen, and disgrace por-

Through shame of poverty, through men's disdain.

Cheering me on, and ready to defend My life from peril or my name from stain, Braving the world for me - he is my friend.

Emma C. Dowd, in Belford's Magazine,

## HOW IT ALL CAME ABOUT.

BY ANNA SHIELDS.

Well, ma'am, it was quite a story, but I never felt free to tell it to anybody before; but since you are so anxious to know about it, I'll tell you how it all her ask her father: came about. Them fine embroideries and the yards of crimping's off my mind now, and if you'll take a chair I'll talk and rest a bit.

You'll hardly believe me, seeing what heap Miss Sanderson thinks of me now, that it is only little over a year since I first knew her, but it is just so. It all came about through Jim. Jim's my only son, ma'am, and he's been better'n two year a tow-boy on the horse-cars.

You don't know what a tow-boy is? Well, ma'am, it's the boy that has charge of an extra horse to pull the cars up hill From five in the morning till three in the afternoon Jim's going up hill with a car or down hill to meet one. He's a good, help, seeing I am not strong enough for and she began to get better. heavy washing, and fine aint always to

Well, ma'am, about fifteen months horse as he is now, fell off and broke his He came home, and the pain threw him into a fever, and he was very bad for quite a long spell. It was when he was lying very sick, that one day I heard a knock, and opened the door for the prettiest young lady ever my two eyes saw. She was about eighteen; as white as one of my fine linen colors newly ironed, with the prettiest of the colors newly ironed. ironed, with the prettiest touch of pink in her checks. Her eyes were as blue as the china cup you see on the shelf yon-der, and her hair as fine and yellow as quality, and fitted as if it had grown upon

her slender, little figure.

"Yes, Miss," I said, hoping it was

Yes, Miss, I said, "Will you walk in? and thank you kindly for calling."

come to that, ma'am, though I'm not saying we haven't been pretty hard pushed "Oh, you dear, darling nurse," she sometimes. But as I was saying, the said to me, "I could just kiss you, and basket was as pretty and delicate as if it I will!" was for a fine lady instead of a little tow boy, that had got hurt earning his day's

After that she came often and often, bringing Jun books and little tempting things to eat, and sitting to talk with him, and always as merry as a child, though she was a lady, every inch of her,

Then, when Jim was getting better, and the care of him a little off my hands, she asked me to do up her fine things, and her papa's shirts, as if it was a favor I was doing her, telling me how particular she was, and the trouble it was to her pretty soon she said: to get suited in fine washing.

wice a week to get the washing and take it back, and I always saw Miss Emma. It was a grand house, with parlors like a hotel, and wide staircases, and great bedrooms splendidly furnished. And Miss Emma had no mother, but was

I was all taken aback the first time I saw her pa, for he was as rough as she was gentle, and looked more like a laboring man than a fine gentleman, for all his pay, and always had a pleasant word for man is too fine to work, he may starve. me about the beautiful ironing of his shirts and cuffs. And, though I say it as shouldn't, you might go a long way to find prettier linen than I took up every week to Mr. Sanderson's. But after a bit, I noticed that Miss Emma was losing her pretty smile and merry words, and pale and often red-eyed, as if she had been crying. Jim, who was seeing her, you mind, every Sunday, he told me he noticed it too. We, though we knew our place too well to say a word, were very sorry, for there was a trouble

somewhere, we were very sure. One night, Jim, while he was eating for I knew he saw him the very last time his supper, heaves a great sigh, and says "I think I know what ails our Miss

Emma, mother," says he. "What makes you think so?" says I. Jim's a master hand, ma'am, to read and he gets the papers often that's left in the cars, and reads the stories, or

"Why, mother!" says he, "there was child! day-school, only to church. He were diamond studs, and shiny boots and a wages to show papa!" silk hat-a regular swell; and she used

I'm thinking he has lost his money, and guessed what made Miss Emma so merry. her pa's sent him off.

I pooh-poohed that and told Jim he talking about. But he says.

"You didn't hear me out, mother, about him. To-day there was a new conductor on 32, and it was Miss Emma's beau-Mr. asked Thatcher!

was mistaken, but he said he'd know Mr. stands it first rate, though he is burnt Thatcher anywhere, and he was sure some that was him. We talked about it a long ould do, and I thought Jim was right, sent the poor fellow off, when he lost his

It was, maybe, two weeks after that, or like the first. three, that one day Mr. Sanderson came to the house, all in a flutter. Miss Emma was sick with typhoid fever and they wanted a nurse, and she wanted that Dear, dear, but I was fustered; but I sent Jim to his Aunt Jane's to board, and shut up the rooms, and went off to the grand house.

Poor Miss Emma! We nearly lost her,

though her pa had the best doctors, and I nursed her faithful. She took the fever visiting one of her other Sundayschool scholars, and she was not very strong any time, so she took it very hard. One day, when she was very bad, I heard

"Papa, where is Harry?" "I don't know," he said.

in a very low voice, and I went downstairs to make lemonade, not to hear what wasn't meant for me. The poor young lady was very sad all that day, trembling, and then we heard a man's and I mistrusted she cried, when no one was watching her.

It was none of my business to interfere, but I fretted more'n a little about what Jim had told me, and wondering if Mr. Thatcher was Harry. I couldn't ask Jim, because I would not let him come near me for tear of the fever. Miss Emma son say. "You will find Emma in the was so weak, too, I didn't dare for her parlor. life say anything to excite her, and so I steady boy, and his wages are a great held my tongue till the fever took a turn thatcher came in at another, diamond shelp, seeing I am not strong enough for and she began to get better.

Thatcher came in at another, diamond study, shiny boots and all. It was up-hill work then with us, for

she was weak as a baby, and didn't seem hurry, and throw themselves back again, a que

When I had her all comfortable, you something for a long time, but I was

"I should never think anything unkind r slender, little figure. of my dear, good nurse," says she, and "Are you Mrs. McArdler" she asked slipped her little, thin hand in mine so loving it made the tears come in my eyes.

"Well, Miss," I said, "if you won't fine washing she wanted done.
"I heard to-day," she said, "that my Jim told me that he saw Mr. Thatcher best schoolar in Sunday-school had met in the cars a bit before you was taken thirty-five minutes, in the grains, which, with an accident. You are James Mc- sick, and-well, Miss, don't feel too bad about it-he was a conductor."

I was afraid she'd faint, ma'am and ery. I was never so took aback in my She came in and I told her all about life as I was at the way she acted. She poor Jim, and she gave me a basket she sat right up in her chair and clapped and for him, with some fruit and flowers | her two little hands together, and just all fixed in it like a picture. Not as if laughed like a child. All the merry it was charity, you see, for we've never light that was gone so long from her eyes came back.

"Oh, you dear, darling nurse," she

And she did!

"How did he look!" she asked me. "Jim said he looked very grave, and as if he had some care on his mind," I told her, "and he had none of his fine clothes on, but a gray suit and a slouch

She laughed again at this. "And did he take the fares, just like

any other conductor, and ring the bell?" The idea of that tickled her so much that she had to laugh again. I suppose I looked as astonished as I was, for

'Now, for your good news, you shall Well, ma'am, not to make too long a know all about it. I suppose you store after Jim got well, I went to the guessed," and she got rosy-red, "that Harry and I were lovers!"

"Jim suspicioned it!" I said. "Jim has sharp eyes! Now you must know first, dear nurse, that my father, as poor a boy as Jim is, and he made all his money by hard work. So he has a great contempt for young men who do nothing. He thinks every man in this country, rich or poor, should have some honest work to do, and do it. Money is fine clothes. But he was very prompt to often lost, you know, nurse, and if a

> "Indeed, that's so!" I said. "Harry-Mr. Thatcher-nurse, had a large fortune left him by his father, when work of any kind in all his life. I did not know why he stopped coming to see me, and-well, I will tell you-I felt ashamed and sorry, for I thought he did not care for me as I had thought, while I did love him. Of course, nurse, nobody knew that, and nobody ever should know it, only that you have told me

When Jim could come without any danger from the fever, Miss Emma sent was silly, and didn't know what he was for him, and then she made him tell her how the new conductor looked, and all

"Is it real hard work, Jim?" she hatcher!"

"It is, indeed, Miss; early and late,
Well, I did stare, and was sure Jim and in all weathers. But Mr. Thatcher

Then Miss Emma made Jim remember time, but you see there was nothing we the very day Mr. Thatcher went on the cars first, and noted down the day on a after all, and maybe Miss Emma's pa had card. She would not let me go for several weeks, and paying me big wages all the time, as if it was just hard nursing

So I was still there when the three months were over, and if I hadn't known I should have guessed there was some thing Miss Emma expected that day.

She dressed herself in a new white or gandie, as fine as a hair, with a little blue sprig all over it, and she put on a blue ribbon under her lace collar and in her hair. She couldn't settle down to read or sew, but just fidgeted about all

"I know Harry will come to-day," she whispered to me.

And sure enough, he did come. Miss

Emma was in the large parlors and I was fussing about there, too, knowing all the time she was keeping me busy there just for company. Mr. Sanderson's Then he began to tell her something private sitting-room is off the parlors, and we heard somebody go the length of the hall and knock at his door. Miss Emma took hold of me, all rosy and

"There, Mr. Sanderson, are three months' wages, honestly earned by hard work. And here is a letter from my em-

industry and honesty. "Well done!" we heard Mr. Sander-

I went out at one door just as Harry

Well, ma'am, that is all there is to tell, except that the wedding is to-morrow, to care to get well. She had to be coaxed and I am to go up all day and help the back, Jim, not being well used to the to eat or to try her strength, and was housekeeper. Every bit of the fine linen willing to lie quiet all day, which ain't and embroidery I have done up myself, natural in young folks after long sick- and it would do your heart good to see ness. Most times they are in too great a the piles of it, fluted and crimped fit for

ma'am, as I've told you the whole story, and there's cuffs and collars to do up for "Miss Emma, I've been wanting to tell Jim, and a power of odds and ends I must attend to, so's to have a free foot corn silk. She was dressed plain, but afraid you'd think I was stepping out of for Miss Emma's wedding-day to-morrow .- The Ledger.

## Fortune Played Them a Trick.

Fortune is a slippery jade. A New York Mail and Express writer heard the other day of a shabby trick she played everal gentlemen, among whom were no less noted personages than two ex-Governors of Massachusetts, Butler and Rice. A chemist named Fell, residing in New York, had made a most remarkable dis covery, which was apparently destined to revolutionize the leather industry, experimenting with tangstate of soda, he had applied it to blotting paper, and the result was a substance like leather possessing the same hard, yet clastic consistency and practically indestructible.

A company was organized, and fortunes seemed to be within easy reach of all concerned. Presently the experiments ceased. The chemist's supply of tungstate had all run out. A new consign ment from Mr. Quettier, the dealer, did not produce the same effect. Repeated trials failed to revive the success of the first. The tungstate was analyzed and found to be pure. Then a small portion of the old supply was scraped from the box in which it had been kept, and that was sent exclusively to Profs. Doremus, Feuchtwanger and Ennis to be analyzed. They found in it foreign substances and a residuum of alum.

The first specimen had been imported from Germany; the second was dor Then \$10,000 was offered to the dealer if he could secure a fresh supply of the same quality as the first. This he undertook to do, but somehow failed. A Mr. Murphy was sent abroad to visit the German firm of manufacturers from whom the impure tungstate had been received. While he was on the Atlautic the factories of the German house were burned to the ground. They were never rebuilt.

And so, for the want of accurate knowledge of the nature of a single ingredient, and that, too, an impurity, a big discovery and a magnificent for tune in prospective have gone glimmer-Europe has been searched in vain for a trace of the chemical mixture, and all that is left of the golden dream for the stockholders to gaze upon are a few

## Musical Jugs.

The silvadors or musical jugs found smong the burial places of Peru, are most agenious specimens of handiwork. William 8. Vaux collection in Philadelphia contains a remarkable example of such good news to-day. When I was so this rude and ancient art. It is comvery sick I asked father where Harry was, posed of two vessels joined together with clay stem or pipe, after the fashion of he was here. Then he told me that the Slamese twins. The stem is hollow Harry came that day to ask if he might one jug is entirely closed up, except marry me if I loved him. He told papa small opening provided with a clay tube that he was rich, and we know he is an leading to the body of the whistle. When bouorable, good man. Then papa told a liquid is poured into the open-monthed him that he would never give me to an jug, the air is compressed into the other through the opening in the connecting "When you can show me three stem, from whence it is forced into the maybe he wouldn't a noticed what he months' honestly carned wages, from whistle, the vibrations producing the your own work, I will let you court my | lovely songs of various forest birds pecua gentleman used to come with Miss
Emma to church. I've seen him often an' often, but he never comes to the Sunliar to Peru and South American countries. out any answer. But he is earning his robin vases and the llama jugs, the former imitating the song of the robin, and She was as happy as a bird after that, the latter, being fashioned in the form of to look as pleased as a baby with a toy getting well so fast that the doctor won- the llama, imitates the ejection of saliva, when he was with her. Well, he hasn't dered, and so did her father, for we kept well remembered as being one of that been to church for more'n a month, and our secret, and Mr. Sanderson never animal's disgusting habits. - Picayene.

#### HOUSEHOLD AFFAIRS.

EPINACH FRITTERS.

Boil some spinach, and when thoroughly done, drain it well, mince it, and then add some grated bread, a little nutmeg, ginger and cinnamon, all pounded Then add as much cream or yelks of eggs as will make the prepara tion of the consistence of batter. the batter into a frying-pan containing some boiling lard, fry on a quick fire, drain and serve with slices of lemon.

STEAMED PUFF-PUDDING.

Butter coffee-cups and place them in your steamer; drop first a spoonful of batter, then one of berries, steamed apples, or any fruit or sauce you happen to have; then put in batter to fill the cup and steam twenty-five minutes. make the batter, stir in one pint of flour, two teaspoonfuls of baking-powder and a little salt, then add milk enough to make it quite soft. Serve the pudding with a sauce made of two eggs, one-half cup of butter, and a cup of sugar, beaten well with a cup of boiling milk and one of the fruits used for the pudding .-Prairie Farmer.

#### A BAKED HAM.

Scrub the ham thoroughly with a toy scrubbing brush, and scrape the lower part. Soak in water that will more than cover it, all night. Boil it until the skin will slip off easily. Then lay it in the dripping-pan with a pint of vine-gar. Baste every fifteen minutes. Bake four hours. Half an hour before it is done take it out and cover thickly with powdered white sugar and a layer of ground cinnamon, mixed with a little that no Dupont was ever seen with a nutmeg and red pepper. Return it to the even to brown, and glaze with the sugar. To skin it as directed before baking, hold the hone in one hand while hot, and with a damp cloth in the other hand loosen the skin from the bone, turn it back and draw it off in one piece.

There are no dishes that come on our table more capable of improvement by garnish than a dish of fish. Without garnish it is bare and unappetizing. A boiled fish should always be lifted up with an open skimmer or on a grating, or, if boiled in a napkin, should be laid in a colander a moment to drain. It must then be turned instantly on a hot platter on which a folded napkin has been laid. A decoration of lemon quarters, or of slices of lemons and parsley, is very suitable for almost any boiled fish. Groups of fried oysters and pieces of lemon are also suitable decoration to salmon or halibut. English epicures usually serve a dish of cucumbers with salmon, and sometimes green peas. Usually potato croquettes or mashed potatoes are the only vegetable served with boiled fish. Baked fish are often improved in appearance by fried breadcrumbs strewn over them. Baked fish are usually served with a sauce around them, while a boiled fish is accompanied by the sauce in a boat. A fried or boiled fish is best served with garnish of fried potatoes, or of lemon and parsley, lightly used. Maitre d'hotel butter or tartar sauce is generally served with fried -New York Tribune

## ROUSEHOLD HINTS.

Tea should be kept in a close canister. Corn starch is a good substitute for eggs in cooking.

Salt fish are best freshened by soaking over night in sour milk.

To keep lemons, cover with cold water, changing every week.

To stop hiecough, take a lump of sugar saturated with vinegar. It is well to keep pieces of charcoal in damp corners and in dark places.

Salt should never be added to new

milk when cooking, as it will cause it to To make tough meat or fowls tender, add vinegar to the water in which they

To cure earache, take a piece of cotton batting.put in it a pinch of black pepper, dip in sweet oil and put in the ear

Cheese should be kept in a close box. in a cool place. That which feels soft between the fingers is richest and best.

Wood ashes put in water and poured in vessels retaining odors of onions, cabbages or fish will entirely destroy them. Boiling water should not be poured

over tea tray, japanned goods, etc., as it will make the varnish crack and peel To prevent cake adhering to the pan when baked, scatter a little flour over the greased surface before pouring in the

It is said that if the hands are rubbed on a stick of celery after peeling onions the disagreeable smell will be entirely

Strong muriatic acid applied with a cloth, and the spot washed thoroughly with water, is recommended to remove ink stains from boards. The French method of administering castor oil to children is to pour the oil into a pan over a moderate fire, break an

egg into it and stir up; when it is done

flavor with a little salt or sugar or cur-Almonds are blanched by no water over them after they are shelled: when they have remained for a few monents in the water they can be rubbed in a soft, dry towel, and the skin will lip off the kernels, leaving them white

Dipping fish in scalding water will cause the scales to come off very easily, out if the fish are to be salted down they oust on no account be scalded. may pour over them vinegar with the same result. Salt fish will soak fresh much quicker in sour milk than in water.

An easy method of removing bits of foreign bodies from the eye is to place a grain of flaxseed under the lower lid, and dose the lids. The seed becames surrounded by a thick, adhering mucilage, which entraps the foreign body, and soon catries it out from the angle of the eye,

# A POWDER MANUFACTORY.

THE WORKS WHERE MILLIONS OF POUNDS ARE MADE.

> Extraordinary Precautions Taken to Prevent Explosions-Some of the Processes of Making Powder.

The manufacture of powder in this ountry is almost controled by the Duponts, who are credited with owning twenty-seven of the thirty-three plants in the United States. Their works at Wilmington, Del., however, are the largest they own, and it is there that the greater part of the gunpowder used in this country by sportsmen and for blasting is manu-

These mills are on the Dupont estate, comprising about 3000 acres of valuable land, just outside of the city of Wilmington. Here on this domain they have established what may be termed a small principality. The old manor house on the banks of the Brandywine is still the Dupont homestead, but there are also a nber of other magnificent homes on either side occupied by the various branches of the family. They live there

among themselves. While there are public roads running through the Dupont estate, from which a view of the magnigeent dwellings can be had, it is utterly impossible to get within the powder works without the permission of some one in authority. This precaution is taken owing to the dangerous nature of the contents. careful are the members of the firm that they will not carry or allow any person to carry a match anywhere within the inclosure of the mills. It is even said

match box in his possession. Aproposit is related that a short time ago a number of matches were discovered in one of the mills. No one knew how they got there, and it was thought at the time that some person had malic-iously placed them in the mill. The matter was reported to the office, and one of the Duponts went to the mill and

assisted in picking up the matches. This is characteristic of the family. They will never ask a workman to do anything they will not do themselves. Frequently the Duponts have exposed themselves in places that were considered dangerous in order to reassure the work-Two members of the family have lost their lives by taking these risks. They were Alixis Dupont, who was killed in a big explosion in 1857 at the Wilmington works, and Lamott Dupont, who was killed by the explosion of nitro-glycerine at the Repanno Works in 1884. But these fatalities have never deterred the other members of the family from placing their life in jeopardy.

There are thirty-one separate buildings in the Wilmington works, and a pleasing feature about them is that they are not grouped in one spot, but are distributed over an extended stretch of country. The grinding mills are located along the various water courses, while the magazines are to be found almost hidden away in the woods. These mills make gun-powder for the whole world. They have en severely taxed during times of war, but have always managed to turn out enough powder to keep the armies sup-

In making blasting powder all kinds of wood are used. Willow is considered the best, poplar comes next, and then oak and chestnut. The average man who goes off for a gunning trip has a very poor conception of the manner in which the powder in his flask was made. That is the most expensive of the various kinds of powder, manufactured, and only willow stems that would go through a finger ring are used for this purpose In preparing it the branches are trimmed of the bark and of all knots. They are then placed in an air-tight resort with a iderneath, when the wood under goes the process of transformation into Then it goes through the charcoal. various mills, grinding, composition, rolling, pressing and glazing, until it reaches the drying room and then the can, when it is ready for the sportsman to kill his game.

The mills are located along the banks of the Brandywine, about several hundred feet from one another. They are run by water power. The grinding mills are two stories high, and the wall are of the stoutest masonry. The roofs are of iron, and so placed that when an explosion occurs they fly off, and the force of the explosion is spent before it can do much damage to the side walls. It is then only necessary to pick up the roofs and put them on the buildings

Many of the mills along the river work almost automically and there is never any one in a rolling mill when it is in operation. All the workmen wear shoes with heavy rubber soles to prevent any possibility of an explosion rolling mill is in operation he is off at a safe distance; as there is always danger of the powder becoming dry under the revolving wheel and exploding.

In what are known as the composition mills the sulphur, saltpetre and charcoal are mixed. In the press mills the composition is pressed into cakes four inches quare and a half inch deep. This is done by water pressure. It is in these press rooms where the most sudden and terrific explosions take place. They are more fatal to human life on account of the necessity of a more regular attendonce of the workmen. In the grinding mills the powder is ground and separated by sleves into the various grades. It then goes through the dust mill, where it is freed from particles of foreign matter. Then it is ready for the glazing mill, where that shining appearance imparted to it by running it through re

Throughout all the various processes tion. In the glazing mill's workman is always in attendance with a watering pot and sprinkling the powder. In the drying room the powder is spread upon large frames covered with canvas and the room is heated by hot, air. This is the final process, and from the dry-house the powder goes to the packing department and from there it is sent out for use .--Philadelphia Press.

When worries and troubles surround you, Don't fret.

Go to work! You will always have trouble around you,

The man who is busy his worry forgets, His mind isn't harrassed by thoughts of his

And the harder he works, the more happy

If Fortune won't smile, let her frown, if

Sthe will. Never mind!

Seems unkind.

If you smile at her, soon she will smile back at you.

Her with cheerful persistence, and hope ever

Oh, no! Not a bit!

The man who is wise never shows His for That he's hit.

Every one of your neighbors has griefs of He greatly prefers to let your griefs alone,

And he doesn't at all enjoy hearing you

So take warning and quit!

Brothers-in-law-The judges. Light-headed-A lecomotive at night.

Spare the rod and let the fish story do the work .- Binghamton Leader.

Lawyers are like fvy; the greater the ruln, the more they cling .- St. Louis

of others .- Statesman.

wagon breaks. - Danseille Breezs. Nature has wisely arranged matters so

He-"I never laugh at an inferior." She-"It would be impossible for you to do such a thing."-Boston Transcript.

Free Press. We are not so much worried about

with. - Merchant Traveler. You'd think a bird's digestion would Turn out a total wreck; For every time it gets its food It has to take a "peck."

-Lippingott. Teacher-"Now, my children, we will parse the sentence, 'John refused the pie.' Tommy Jones, what is John?"

Tommy-"A big fool."-Binghamton Tailor (measuring customer)—"You are rather short, sir." Customer—"Well, yes, rather; but how could you have

"There is no law regulating tobacco consumption," said a traveling man to the young women who dislikes the weed

When signal service prophets tell Of sunshine as their news, It's time to get your old umbell And don your overshoes. —Washington Post.

remark: "Pa, you owe me ten cents; your wife took that much from me."-Serunton Truth. "I—aw—quite forgot myself foh a moment, this morning," began Willie

Washington, who was trying to be con-versational. "For which," interrupted

zen-"I'd think you were a liar. Good morning." Washington Star. An article going the rounds of the press speaks of "superstitions about bables." This is wrong, there babies." This is wrong; there are no superstitions about babies. Of all the hard, practical, unsentimental, mechanical, matter-of-fact, artificial creatures in this world commend us to a baby, only believes in itself .- Philadelphia

"No, Hiram," said the young girl, too compatible." "Compatible?" he exclaimed; "isn't that the very reason why"— "Not in your case. I should probably insist from motives of economy on dispensing with a servant and in doing my own housework, and you would probably let me do it. Hiram," - Chicago

## Medicinal Virtues of the Apple.

volving barrels fitted with metal bullets. being sounded on all sides in Europe. It is said to neutralize the evil effects of cating too much meat and German other fruit or vegetable in phosphorus, un element which is of use in the renewal of the essential nervous matter of the brain and the spinal cord .- Com-

To make the bridge across the English

RATES OF ADVERTISING. One Square, one Inch, one insertion ..... 1 90 One Square, one inch, one month ........ 800
One Square, one inch, three months....... 800

Marriages and death notices gratis, All bids for yearly advertisements collected quar-terly. Temporary advertisements must be paid in advance.

Job work-cash on delivery,

BEDROCK PHILOSOPHY,

You bet? If you shirk.

he gets. Till he's gay as a Turk.

Don't snik, and look wholly cast down, if

You are certain to win her, if you will

And then solace you'll find.

The world doesn't care for your woes.

HUMOR OF THE DAY.

A doctor practices on his own patients. But a musician practices on the patience

You needn't look for any great drop in coal until the hind axle of the delivery

that a man can neither put his own back nor kick himself.—Lawrence American.

"Poets must suffer before they can write," says a philosopher. After that it is other people who suffer.—Burlington

where we will spend the summer as where we will get the money to spend it

guessed as to the low state of my finances?

"Yes," she replied, "anybody can use it if he choose."—Merchant Traveler.

The man who dries dynamite on the stove should marry the hired girl who kindles the kitchen fire with kerosene. As a matrimonial team, they would be sure to "bring down the house." - Norristown

had used ten cents from his savings fund, last evening stumped his father with the

A Scranton five-year-old, whose mother

Miss Belle Pepperton, "you ought to be very thankful." - Washington Post. Tramp (with tears in his eyes)-"I do not ask for money, sir, but what would you think, if I should tell you I have had nothing to eat for forty-eight hours, and my poor wife and children are now starving in the street?" Practical Citi-

sadly, "I cannot be your wife.

The medicinal virtues of the apple are

Channel will cost £34,400,000.