ers have the idea that of for pigs until it is very serious mistake come from souris it. . After you take out ater, the most that resugar of milk. Both when you sour it you milk into lactic acid he entire value of your eet to calves and colta ou can help it. Why

RM.

a) Gazette gives the folys of treating balky commended for trial: on the neck, examine ne side, then the other: handful of grass, give encouragingly to him. wagon, and give the will generally obey. orse out of the shafts. and in a circle until he lly start him. Third, a balky horse is, place nose and shut off his to go. Fourth, then. of turns of stout twine just below the knee. horse to feel it; tie in first click he will prof. After going a short t out and remove the

njury to the tendons. an try the following: horse between the hind a cord to the saddle st remedy J know, is as ing around the horse's This will divert his him. NOTES.

keeps a flock of twenty. with the usual accomed or more lively chicks. o share his domain in elf, his other stock and s perplexity and most y at every turn. The er multiplied form, is Ly of locusts, and her

e as a pestilence. poultryman thinks the ilure in so many of the owls in large numbers is . A farmer will rise at e morning to feed and carefully clean out the e beds for the cows, and nd till late; but he will k for the hens. Yet the properly cared for, five t, in proportion to labor , as the cows.

s and turkeys appear examine them for lice. on top of the head and ll generally prove efficamother in like manner. ouse by burning sulphur house as close as possi-. Also wash every part whitewash with caustic year, and give the fowls iry ashes, and there will

ray to clean out a nest s become soiled, is to ide, burn the hay, and n kerosene and apply a he box, first rubbing it ge. The oil will burn for the box and then cease. ce they will have but a an egg is broken in the usually lice, unless the aned, and the best mode with the box very clean

ut in. of the London Journal ays, in reference to the ggs: Last winter an old l me he could distinguish laughed at him, and was ical when he told me the ggs with the air bladder e crown of the egg will ; those with the bladder ce pullets. The old man ne truth of this dogma, ard so far confirmed it, d to make experiments I have done so, registerer vertical, or bladder on ill in which it was not one some it is only very slightr. The following is the it chickens were hatched, ven are yet too young to sex; of the remaining ne has turned out true to ory. This of course, may co neidence, but I shall xperiment again.

RY NOTES.

as well as other articles he cause of errors in re, n butter is shipped long nains unsold for several

ne, says a wise man, to cows. If you have one, strap in her mouth and behind her horns. Take ilking, of course.

to milk rapidly, so as to of the stable as soon as to prevent the absorption nilk, as the cooler it beadily the milk is affected

cultural College bulletin ing classifications of the foods as milk producers: pounds

pounds..... ounds..... 00 pounds..... 00 pounds 1.45

people are under the imfeeding ground food to o make it into a slop that rink. Prof. E. W. Stew. The saliva is an import e digestion of food, and flow by the act of mastippy food is given there is This sloppy food, then, is sual proportion of saliva, wholly upon other agen-

SCIENTIFIC AND USEFUL.

There are 15, 000 acres of oyster beds in the Bay of Archachon, France, which yield 300,000,000 oysters a year.

Celatine is the latest adulteration of batter. By adding gelatine, which absorbs ten times its weight of water, the consisten times of the butter is retained and the water adulteration is not noticed.

the other is thickened.

Steam and gas fitters have just learned that graphite properly prepared is superior that grand for making joints and connections. It is said that this article will not "set" under any conditions, but that it makes a perfect joint and preserves the

iron from rust William C. Kingsley, projector of the Brooklyn bridge, estimated many years ago, in the infancy of the enterprise, that 36,000,000 persons per annum would represent its maximum capacity, and that this number of people would be using the bridge in 1900. Already 27,500,000 people cross the bridge, and at the present rate of increase Mr. Kingsley's estimate may be reached in 1890, ten years before the time fixed by him.

Freshly-made glue is stronger than that which has been repeatedly melted. Too large a quantity should not, therefore, be made at a time. Give may be freed from the foreign animal matter generally in it by softening it in cold water, washing it with the same several times, till it no longer gives out any color, then bruising it with the hand, and suspending it in a linen bag beneath the surface of a large quantity of water at 66 degrees Fahrenheit. By doing this the pure glue is retained in the bag and the soluble impurities pass through. If the softened glue be heated to 122 degrees without water and filtered, some other impurities will be retained by the filter, and a colorless solution of glue be obtained. A new idea is a bed-spring which shall serve as a fire escape in time of danger. It consists of four sets of springs, seven feet long and just wide enough when laid together to set in a bed frame. Each set is attached to the adjoining one by a clamp, which unites iron appendages fastened to the end of the springs. These appendages add to the length of the arrangement so as to make it about thirty feet long while hanging out of the window. One side of each set of springs is fitted with rung made of wrought iron, the only part of the contrivance not of steel. The rungs, which are on the outside when the springs depend from the window, and about fifteen inches apart, form a pretty strong ladder, which may be made use of for descent.

A Turtle in the Sea-

Some years ago when doing a walking tour in England with a friend we left the pretty little seaside resort of D--, in Devonshire, for T--, five miles distant, also stuated by the sea. As we were about leaving D--, I asked the hotel proprietor on bidding him adieu if he could recommend us to a nice hotel at our next halting place. He named the "King's Arms," said we should and the host a jolly fellow, and, above all, lybelieve it and the few miles flew by in joyintense surprise on mentioning turtle soup see his bill of fair and if that didn't suit us we could leave it. We should have thought upon him but were curious to know what angered him. We stayed, nad a very good diener, minus the soup, but saw no more of the proprietor during our short sojourn. Of the waiter, however, we inquired about the turtle soup and his abruptness to us. He smiled and said: "Well, I'll tell 'e, gentlemen. Some time ago there was a large dinner coming off here and master bought a fine turtle in London (which cost 25 about a week before the dinner, and basted to everybody that he was goin, to surprise the natives.' Well, a day or so before the feast a gentleman told master the furtle would enjoy a sea bath, which would improve him for the soup, so master took leg and sat down to watch his prize. Then," said our informant, "the old beggar (master) dropped off to sleep, let go the rope and the turtle went off to sea and so boss has been teased to death about it.

The Czar's Ambition.

He wishes to procure a more official and delicate variations. mentations consecration of his religious autherity, and to have his position emphasized the supreme protector of the Eastern churches and the Orthodox Faith, and so eoples around the person and office of the in preparation, is never lost sight of in the purchase of the land.

Lonely Jacob's Ladder-California, at a level of 14,000 feet above well. sea and 1,500 feet above the timber line, there is no soil and no moisture save and hail and ice, there grows a little ther shaped like a bell-flower, gaudy in blors of red, purple and blue. It is called be white jasmine. It blooms alone, for it

The Pit Brow Women.

All legislation restricting the occupation in which women may engage should be mor closely watched, as what is intended for a philantaropic measure may cause great wil. An instance of the recessity of this occurred a short time ago in England. The law to be outlawed without a protest. A strong couple deputation of theirs, clad in their working clothing, interviewed the Home Secretary with their children, but as strangers. The in order to induce him to get the Govern- injunctions of the church and remorse of conment to oppose the bill. They succeeded in science finally compelled McGill to go to their efforts and have still the right to earn Edinburgh to enquire into the fate of his an honest livelihood in the open air. The first wife and family. He went last May, underlying cause of the bill being presented found his wife had been dead two years and was that the trades unions were desirous of four of his six children dead. To the two getting possession of the women's branch surviving children he revealed himself as of the work.

We all Break Down There.

He was about to die for a cold-blooded murder. Standing beneath the gallows he made a short talk. He spoke of his impending death with slight emotion. Then of "his people" with some signs of tears. Then of his wife with sobs and a trembling voice. Then of 'bis old mother"—and then he broke down completely and gave way to uncontrollable grief.

Ah, yes! It is right there that we all break down. At the thought of "the old mother," with her graying hairs, her kindly face, across which time and sorrow are cutting their furrows, and her faith and affection that never wavers or doubts, It is to "the old mother" that man's heart turns at to his second wife, on the ground that the last when trouble, or affliction, or remorse policy is payable to Margaret McLellan, overtakes him. Other loves may be stronger, whereas she is the widow of Joseph McGill. and the passion of other loves may obscure Tocomplicatemattersstill further, deceased's this for a time. The wife clinging in absorb- eldest daughter, Mrs. Jane Fraser, arrived ed happiness to the arm, or little ones, from Edinburgh, a few days ago, made afficlambering, fond and trustful about the davits to the Probate Court, and has been knee, may efface all thought of "the old granted the administration of her father's mother." But when a great crisis comes, estate, but the second offe and family are in and the strong man is bending beneath a bur- possession and threaten a hot fight. The den too grievous to be borne, the vision priest who recently remarried the couple comes to him of one, idealized in his heart at | without license is liable to two hundred dol least, who never doubted, who never wearied, lars' fine. but who loved all the time with a love that passeth understanding. The wife wondering at this at first, accepts it at last, quietly acquiescing, but happy in her mother's heart to know that from her own children in the days to come this same miracle shall be rendered unto her!

To Discover his Fate.

Various projects are affoat in England for sending a small expedition to Khartoum to ascertain the actual fate of Gordon and to secure, if possible, the release of the hapless whites who are prisoners there. Mr. Montagu Kerr, who was a member of the New York Stock Exchange before he dishe was the only man in that part of the tinguished himself as an African explorer, country who could give us a basin of real has been mentioned as the lealer of the turtle soup, and cheap, too. We could scarce proposed expedition. The Soudanese have recently shown a disposition to palaver, if in anticipation of our first course. Arrived not to submit, and if the new Mahdi is not at the "Kings at ms" we sought "mine host," nursing his wrath over the curt dismissal apparently a very genial soul, but to our of the envoys he sent to Cairo last spring, it is possible that he would give a safe pashe flew into a towering rage, said we could sage to the expedition. It would, however, be a risky venture.

The Soudan is now nearly in the condihim quite insulting and turned our backs tion it was in when it fell like a ripe plum into the hands of Egypt. Trade with the outside world is utterly paralyzed, and the intestine fighting of rival chiefs is weakening the central authority at Omdurman. This state of things cannot last forever, and the fact that the actual needs of the Soudanese will some day cause the barriers they had built around them to be overthrown perhaps affords a glimmer of hope to Lupton Bey and the other fellows who are now making cartridges for the Arab musketers.

Self Control.

trol that would limit it to the simple re- and so pronounced was this some weeks ago him down to the beach, tied a rope on his strain, of outward expression. Yet this is that the Czar, in alarm, called in Dr. Bukofrequently the only idea which the word witz-whom, however, the Empress refused calls up. The passionate man who puts to see. The journey to the Don Cossack counback the angry word that rises to his lips, try somewhat roused the Empress from her the inquisitive man who refrains from asking sadness, but now that she is back in Gats impertinent questions, the loquacious man china the old depression is again asserting who imposes a painful silence on himself, itself. The fact is that the Czarina lives in the vain man who conceals his self-admira- a state of constant terror, which is all the tion, the excited man who hides his per- more oppressive because of the necessity of The Czar's highest aim is to be crowned turbed emotions under a clam exterior, are hiding it from the Czar. Then the young Emperor of Asia" on the site of the Holy cited as illustrations of self-control, and no Czarewitch gives cause for no little anxiety. depulchre at Jerusalem. The Crimean War deeper or wider meaning is attached to it. I have it upon undoubted authority that that its origin in the quarrels over the holy Yet, in truth, these and similar efforts of the heir apparent to the Russian throne has Paces in Palestine, and was a continuation repression, while belonging to self-control, been pronounced by physicians to be within the conflict between East and West which partaking of its nature and hinting of its a measurable distance of sheer lunacy. Nor the crusades left still unsettled. Every step presence, no more comprehend it than the is his physical health much better than his presence, no more comprehend it than the is his physical health much better than his presence, no more comprehend it than the is his physical health much better than his presence, no more comprehend it than the is his physical health much better than his presence, no more comprehend it than the is his physical health much better than his presence, no more comprehend it than the is his physical health much better than his physical h the Russians toward Constantinople is faint perfume of a blossom comprehends mental condition. Of all women in the this a step tow d Jerusalem. It is of great the entire plant which bore it; for they world the Czarina of Russia is most to be the imite appear that the constant in the const the entire plant which the phenomena which pitied. Her husband is in daily peril of have to do only with the phenomena which pitied. Her husband is in daily peril of have to do only with the phenomena which pitied. assassination and her eldest son is on the son did verge of lunacy. manifold faculties, complex characteristics,

Prince Bismarck's Gallantry.

An interesting anecdote of Prince Bis-My all the Greek-Oriental churches and marck's gallantry is going the rounds of the German press. It appears that two young the Constantine and Justinian of the English ladies living in Dresden went to world. This bold project has been Berlin on a visit, and, wishing to make the Berlin on a visit, and, wishing to make the Chancellor. most of their time wrote to the Chancellor, diplomatic movement, and no sacrifice expressing their fervent wish to see him, expressing the fervent wish the fervent wish to see him, expressing the Numbers of settlements of Eastern his palace, where they were most kindly reof apparently harmless and unpre- ceived. A servant took them through the binded, and Russia finds money to pay for the purchase of the last to be the purchase of the last to be the las greatly delighted, their joy culminating when Prince Bismarck himself suddenly appeared and addressed them most kindly in fluent English, walking with them for some On Mount Whitney, the highest mountain time in the garden before bidding them fare-

A New Motor.

A Frenchman drove into Waterville, Maine, a few days ago, hisfaithful "steed" being a monstrous Newfoundland dog. He came from a town in Canada, distant 150 miles, and had a town in Canada, distant 150 miles, and had acclaim of joy will we see emblazoned thereacclaim of joy will we see emblazoned therebeen on the road three days. The best horses on in burning levers of light the legend of to floral associate, but there is confident that he can outstrip the best horses confident that he can outstrip the best horses in a day's journey.

A BOMANTE STORY.

Woman, Causes Touble by Dying Suddelly.

A Halifax despatch says :- A most romantic story has just ben made public here. abelishing female labor in mines has admit. Thirty-five years ago Joseph McGill deserttedly done great good, and when a measure ed his wife and six children in Edinburgh and was introduced into the Imperial parliament came to Halifax, but lever communicated It is not necessary to have different preventing the employment of women at with his family or allowed them to learn of It is not necessary and a current of electricity. the pit-brow, it, on the face of it, looked as his whereabouts. He drained employment metals to obtain a cid, the two fluids being if it was but an extension of the principle. In the a porous partition, will give These pit brow women are employment. In the a porous partition, will give These pit brow women are employment. Iron in nitric acid, partition, will give These pit brow women are employed, pareparated by a porous plate wasting away while ticularly in Lancashire, to screen year, under the assumed name of Joseph eparated by a policy one plate wasting away while ticularly in Lancashire, to screen over and McLellan. Twenty-five years ago he comsave thickened. save the small coal. They earned moder- mitted bigamy by marring Margaret Tobin, ately good wages, and the work while hard of this city. They lived happily together, Scotland and Ireland. Also from Baltimore via Hall was neither unhealthy nor did it bring them accumulated property and raised a family. into degrading surroundings. The plea of Five years ago the Catholic Missioners held ing summer months. The steamers of the Glasgov the advocates of the measure was that the service here, when McGill alias McLellan Boston and Philadelphia; and during summer between work was unwomanly, and as a proof of this confessed to Father Wissell that he was Glasgow and Montreal, weekly, Glasgow and Boston they alleged that the women committed the guilty of bigamy and was now going under weekly; and Glasgow and Philadelphia, fortnightly they alleged that the women committed the guilty of bigamy and was now going under unpardonable offence of wearing trousers and an assumed name. Fatier Wissell prohibitcoats when at work. The pit-brow women ed marital relations with the second wife. were not at all inclined to allow themselves | For four years these were suspended, the

LIVING UNDER THE SAME BOOF

their long-lost father, confessed the story of his bigamy and shame, but promised to provide fer them out of his accumulated property. Then he came back to Halifax and privately remarried the woman whom he had lived with a quarter of a century as his wife. He was married to this woman both times under his true name of McGill, though still retaining among his friends and the public the assumed name of McLellan. On the 11th of February last, he was instantly killed by falling from a locomotive and striking his head on the sharp spout of an oil He was sixty-six years old, left no will, but his life was insured for three thousand dollars in the Locomotive Brotherhood Association in the name of McLellan. They

REFUSE TO PAY THE POLICY

An Armless Man.

Recently there died at Pottsdam, New York, a wonderful man. An accident deprived him of both arms, which were amputated at the shoulder. He earned a living by using his feet and his mouth instead of his arms. We are told that he owned a horse, of which he took the entire care, harnessed it, fastened and unfastened the buckles with his teeth, and drove with the reins tied around his shoulders. Being in need of a wagon, he bought wheels and axles and built a box buggy complete and painted it. He went to the barn one winter day and built a cowstable, sawing the timber with his feet, and with the hammer in one foot and holding the nail with the other, he nailed the boards on as well as most men could do with their hands. He dug a well twelve feet deep and stoned it himself. He could move away hay by holding the fork under his chin and letting it rest against his shoulder. He could pick up potatoes in the field as fast as a man could dig them. He would dress himself, get his meals, write his letters, and, in fact, do almost anything that any man with two hands could do. Many a man with all his physical faculties, unimpaired mourns because he cannot get along, and yet this armless brother made himself indepenthe Crimean hero, who, when his lower limbs dent without arms or hands. He was like were shot away, wrote to the woman he was engaged to marry, releasing her. She answered : I will marry you if you have enough body remaining to contain your noble soul.

Russia's Royal Sorrows.

I hear from St. Petersburg tnat the slight improvement which recently took place in the Czarina's health has not been sustained. It is a very meagre conception of self-con | The Empress is a prey to a deep melancholy,

In Businsss for Herself.

Dry Goods Dealer (to saleswoman)-I was very sorry, Miss Satinette, to receive your resignation. Aren't you satisfied with your CREEN place here?

Miss Satinette-Yees, sir; but I've had the offer of a better one. Dry Goods Dealer-Well, if it is a ques- OVER tion of salary, Miss Satinette, I would be

Miss Satinette-It is not a question of salary, sir. Young Mr. Highcollar of the furnishings department made me an advantageous offer last evening, which I accepted. I'm to be the junior member of the firm.

Kentucky Eloquence.

This is how a Ketucky orator talked about his man who was running for something or other :- "Place or banner in the hands of J. M. Sebastian, and the future will show the correctness of my assertion that high over the thunder-iven crag of politics will it float throught the dark hours of the strife, and, when the stuggle shall have ended, aloft over the thety-fourth district will its ample folds spred forth, and with wild glorious triumph Victory.

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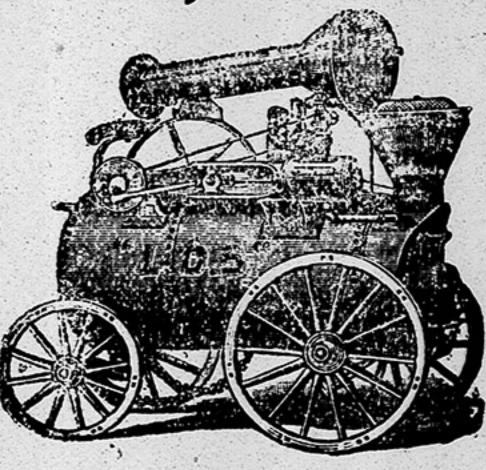
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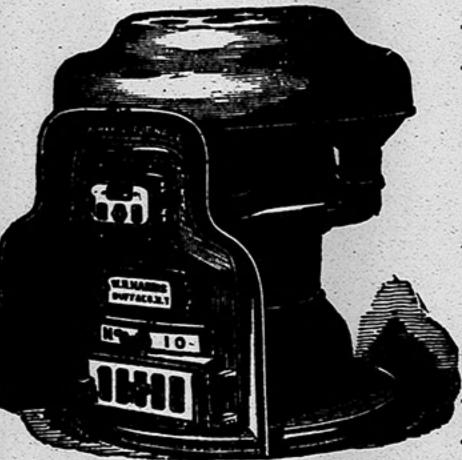
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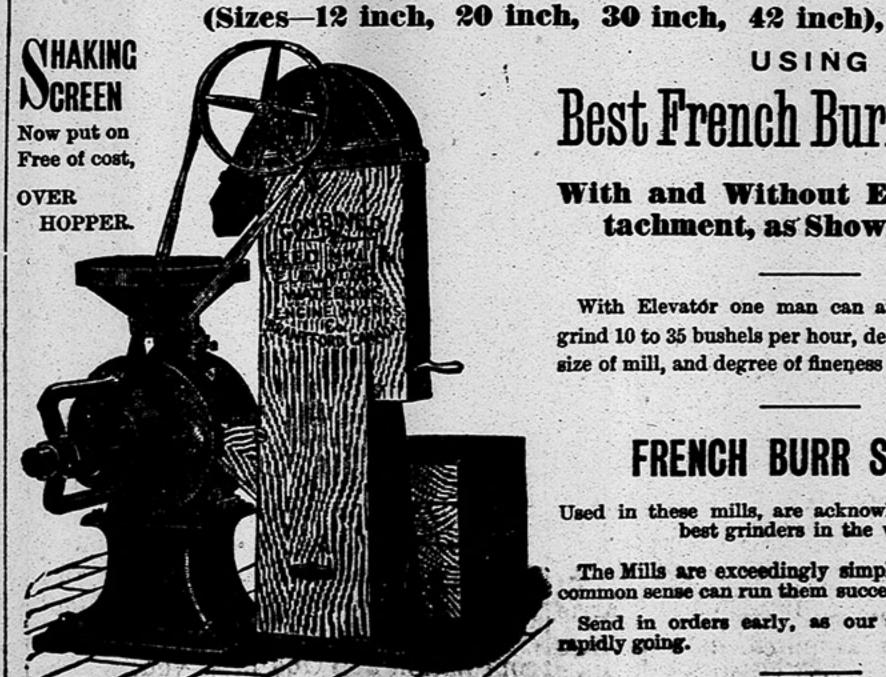
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