

Using the Incubator.

The best oil is none too good for the incubator lamp. Poor oil, besides being dangerous, crusts the wick, and encrusted wicks give very little heat. Lamps must be filled and cleaned even when the best oil is used. To forget this duty once may spoil a hatch and waste much precious time. It will pay to make an effort to keep the incubator room at a moderate and even temperature. A temperature of thirty degrees to forty degrees in the room requires the lamp of the incubator to be run at its full capacity, and of necessity there will be a free circulation of air, and, hence, too much ventilation resulting in too great evaporation and a drying out of the eggs. This is the case with a majority of the machines. A very high temperature is just as inconvenient. A range of twenty degrees, between fifty degrees and seventy degrees, without the presence of coal gas, is about right. Temporary changes, higher or lower. for an hour or two, do little harm. No self-regulating apparatus, however ingenious, will dispense with the use of brains in running an incubator. It is sometimes needful to discount the assertions of the catalogues in this respect, and to watch vigilantly that the machinery does not bind or chafe, or become disarranged by the heat and moisture within or from some obstruction without. This is the time to work the incubator for all it is worth.-Poul-

Shipping Fowls by Express.
Poultry breeders and poultry buyers are interested as to how best to ship breeding stock by express. Expressmen have found much fault in the way fowls were occasionally prepared for shipment, and the result was double first-class charges used to be made on poultry. As this seemed an injustice, poultrymen and expressmen came together and decided on what should constitute a proper coop in consideration of single first-class merchandise rates instead of double. This conference resulted in the adoption of a "one rate" price instead of a "double rate." Also that coops must be strong and slatted and not injured by other packages being piled on them. If the coop is sufficiently strong, expressmen have no objection to coops being lined inside with cloth to protect birds from a draft. The coop illustrated above is four feet long, two feet wide, and twenty inches high, made entirely of laths, excepting the bottom and the boards around the base, which are four inches wide, of



THE SLATTED COOP.

bottom box stuff. The laths on the sides are securely nailed to posts which are of one inch square spruce. Such a coop will carry any amount of merchandise piled on top of it, as much so as though it was a box.-Farm Poultry.

Care of Potatoes in Cellars.

There are many dangers of injury to potatoes kept in cellars. That of being frozen is what happens the worst, but It is always guarded against, so that no caution is needed about that. Much greater is the likelihood that the potatoes are kept too warm, and especially if they are piled in bins. Some warmth comes always from potatoes thus massed, and those in the bin will be untouched by frost even when a film of ice will form over water set in vessels on the floor, or the potatoes left outside the heap have been frozen. It is doubtless the warmth developed by sprouting the potato that creates the warmth that protects the mass as it slowly rises through it. When it is seen that potatoes are beginning to sprout, they should be removed and the larger sprouts be broken off. Those that are meant for seed ought to be put in a mass, unless in a pit out of doors, and they should be got out and exposed to air and light so soon as the weather begins to grow warm.-Exchange.

Cooked Food Does Not Pay.

Cooking of grain and meal for stock is only profitable when it is done in cold weather and the feed is given while still warm. A temperature at or near animal heat is an advantage, as the stomach has to warm to that extent. But the heat required for cooking carbonaceous food expands it so that the stomach can contain less of it. If the digestion be good the uncooked food will in the same bulk have the most nu- noticeable and to be regretted. The triment and do the greatest good.

Ground Meats and Fish.

If you cannot get fresh meat for your poultry, or if the expense is apparently too great, use the commercial ground meat. Fish is also excellent for ducks if the eggs are to be used for hatching. and ground fish will be very acceptable to them. In the winter season, when grain is largely used, meat or fish will serve to supply the deficiency of nitro- fessors,

gen. One cent a pound is about the cost for ground meat or fish, and they

Storage Purifies Water.

After all, the best kind of purifier is known as bacteria are the chief causes of the impurity of drinking water, fresh coffee and peanuts. These invisible creatures have to live as well as their larger brethren, and have eaten all in the water that there has stated, from his recent examination of water stored for two weeks, that nuts. It seems as pure and free from bacteria A Schilling & Company life as if it had been passed through the best of filters; but it seems strange that this should have so recently come under Dr. Frankland's experience, Ev. toria now rules 467,000,000 people." ery one knows that there is no purer or better water in the world than that which is supplied to scafaring people. Almost any kind of water stored away power, but will suffer a great deal at times

milking stool, readily made by any one understanding the use of edge tools. The seat board should be made of twoinch material, at least two feet long,



A HOME-MADE MILK STOOL.

ing, say nine inches wide and chamfered to fit. Where the bucket rests it must be in width to correspond, which can be secured by placing bucket on the PRESIDENT'S DAILY ROUTINE. board and marking circle with penell before sawing out in chamfer style. General Harrison Writes of "A Day With The "rounds" should be made from hard wood and about fourteen inches long, end to end; make holes 11/4 inch. Every farmer and dairyman should have a workshop and kit of tools so as to make the many convenient and serviceable articles described in Farm and Home, thus saving annually hundreds

other kind of feed. Yetthere are cir- ances that are visited upon a chief excumstances in which some wheat may ecutive by persistent office-seekers, and be fed even at present prices. It does he suggests a unique plan, by which not pay even when wheat is cheapest the president's burdens in that directo feed it exclusively. It has more nitro- tion could be greatly lightened, and he genous substance in proportion to its be enabled to devote more attention to bulk than any other grain, and is there- more important matters. A feature of fore very likely when fed alone to fer- the article that will have a timely inment in the stomach. Yet when com- terest to those ambitious to serve the bined with other grains and cut hay or country under the incoming adminisstraw the wheat pald for hogs very tration, describes very fully how the Therefore a small proportion may yet be fed with profit. For one kind of stock Desk" is unique in being the first time wheat is always the cheapest grain. that the daily life of the president has That is for laying hens. But they must been described by one who has filled not be fed much lest the hens fatten, as the exalted office. Articles upon the they will just the same as if overfed social and domestic life of the presiwith corn.-American Cultivator.

Eradicating sheep Scale Hot baths made by putting sulphur in water are a specific for scab in sheep, It is very infectious, and any sheep having it should be kept by itself. The bath will need to be repeated at intervals of one or two days, for at least three times, in order to destroy germs that were not advanced enough for the first application to kill. The Australian sheep growers have succeeded in eradicating scab from that country. Now every sheep brought to Australia has to submit to the bath once to destroy possible germs that have not become

Milk for Calves.

Professor Daine, of the Harris Institute at Preston, writing on the subject of the feeding of calves, says: "For the first month calves should have new milk, which, after that period, should be gradually diminished, skim milk being substituted, fresh from the separator, if possible, as it is then warm."

A Nation of Spitters.

A correspondent of the New York Herald meets the views of many when

he writes: I am heartly in sympathy with the edict issued by the Board of Health against spiting on the floors of public conveyances. But it should go further than this; it should forbid the befouling of sidewalks, stairways and lobbies by expectoration. A more disgusting, hoggish and nauseating habit than that of expectoration could not possibly be conceived. I have traveled in many civilized lands, and on my return to my own country I have been made ashamed of my people by being compelled to observe their beastly habit of expectorating, which habit during my sojourn abroad was unobserved by me, if It ex-

isted at all, The absence of handkerchiefs or their non-use by the men of our country is spitting habit is chronic in our land. The further west one goes the more frequent is its exhibition. Let us try and revive in the men of our country a spirt of decency, so that tobacco chewers, gum chewers and other chewers will cease to make themselves of-

The universities and colleges of Austria afford employment to 1,436 pro-

"How can Schilling's Best are very cheap, even at double the tea cost so little and be so good ?"

Easy. It is roasted every nature's own. The minute organisms day in San Francisco-like

Other tea is roasted once they must eat to live. As soon as they a year in Japan, etc - like is to feed on they die. Dr. Frankland stale coffee and stale pea-7.620

An English paper says "Queen Vic-HORSE POWER.

in a ship's tank becomes absolutely with nervous attacks if not properly pure after the vessel has been a few groomed and stabled. This illustrates that weeks at sea. This is usually ascribed a great deal of neuralgia is caused by imin popular language to fermentation; but there is really nothing to ferment, it is simply that the bacteria have eaten everything in the water there is to eat and then died of starvation.—Meehan's Monthly.

A Milking Stool.

The self-descriptive illustration, from Farm and Home, shows a practical milking stool, readily made by any one

It takes each year 200,000 acres of forest to supply crossties for the railroads of the United States.

Is severely taxed by dyspepsia. But "good digestion will wait on appetite, and health on both," when Hostetter's Stomach Bitters is resorted to by the victim of indigestion. Hearthurn, flatulence, biliousness will cease tormenting the gastric region and liver if this genial family corrective meets with the fair trial that a sterling remedy deserves. Use it regularly, not spasmodically—now and then. It conquers maintial, kidney, nervous and rheumatic ailments.

HOME PRODUCTS AND PURE FOOD.

All Eastern Syrup, so-called, usually very light colored and of heavy body, is made from giucose. "Tet Garden Drips" is made from Sugar Cane and is strictly pure. It is for sale by first-class grocers, in cans only. Manufactured by the Pauffic Coast Syrup Co. All genuine "Tea Garden Drips" have the manufacturer's name lithographed on every can.

My doctor said I would die, but Piso's Cure for Consumption cured me.—Amos Kelner, Cherry Valley, Ill., Nov. 23, '95.

the President at His Desk.

Ex-President Harrison has written of A Day With the President at His for the March Ladies' Home Journal. The article is said to be singularly interesting in the detail with which it describes the wearisome routine of the president. It is said that General Harrison, in this article, Feeding Wheat to Stock.

Wheat is now much dearer than any ness and vigor, relative to the annoynear its present prices in the market, president makes appointments to office. "A Day With the President at His dent by General Harrison will follow in successive issues of the Journal.



Gladness Comes

With a better understanding of the transient nature of the many physical ills, which vanish before proper ef-forts—gentle efforts—pleasant efforts— rightly directed. There is comfort in the knowledge, that so many forms of siekness are not due to any actual disease, but simply to a constipated condi-tion of the system, which the pleasant family laxative, Syrup of Figs, prompt-ly removes. That is why it is the only remedy with millions of families, and is everywhere esteemed so highly by all who value good health. Its beneficial effects are due to the fact, that it is the one remedy which promotes internal cleanliness without debilitating the organs on which it acts. It is therefore all important, in order to get its beneficial order to get its beneficial order. ficial effects, to note when you purchase, that you have the genuine article, which is manufactured by the California Fig Syrup Co. only and sold by all reputable druggists.

If in the enjoyment of good health,

and the system is regular, laxatives or other remedies are then not needed. If afflicted with any actual disease, one may be commended to the most skillful physicians, but if in need of a laxative, one should have the best, and with the well-informed everywhere, Syrup of Figs stands highest and is most largely Led and gives most general satisfaction.

CLOSING OUT SALE OF TROTTING STOCK.

MARCH 15, 1897. talions, brood mares, coits, trotters and roadster, the finest breed and quality in America, consing of Altamonts, McKlinneys, Wilkes, Dichers, Nutwoods, etc., all of which are standarded and suitable for races, road or breeding pursess. Call at Irrigation racetrack and see them, write for catalogue, giving breeding and full stribulars, Address, St. C. Beven, cor. Third and

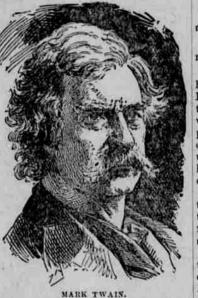
SURE CURE FOR PILES DR. BO-SAN-KO'S PILE REMEDY. Super lat was DR. BO-SAN-KO'S PILE REMEDY. Super lat DR. BO-SAN-KO'S PILE REMEDY. Super lat DR. BO-SANEO, Fills., Pa. Braggious or man. DE. BOSANEO, Fills., Pa.

MARK TWAIN IN DISTRESS.

The Great Humorist's Broken-Hearted Struggle in London.

morist, who was once a millionaire and who has dined at the table of kings, is living in London in an impoverished condition. He is worse than penniless. He is a slave to debt, and, though in poor health and burdened with age and the woes of a broken heart, he is struggling to be again financially free. In modest lodgings, surrounded by few comforts and using only bare necessities, he is trying to produce another great literary work in the expectation that its profits may at least pay his debts. He has been working for weeks, and those who have seen his manuscript fear that the inspiration is gone. He is working under forced conditions, and the prediction is that the story-a tale of his latest tour of the world-will be The horse has wonderful muscular like a plaint forced in unnatural conditions.

The story of Mark Twain's successes and failures in finance are romantle and pathetic. From a printer's devil on a Missouri weekly he rose steadily until at the age of 35 the world knew him as the author of "Innocents Abroad." He made a fortune out of that work, added to it constantly, and in 1885 was worth a million dollars. Then he put his capttal into a publishing house-Webster & Co .- and in a few years was a bankrupt. The obligations of the firm amounted to thousands upon thousands of dollars, and as his name had been used in connection with the business Mark Twain felt called upon to wipe out the indebtedness. He has struggled



for years to do it, and it is to this that he is still devoting his energies and talents. A year ago he started on a tour of the world and a few months ago arrived in London from Africa. He is putting the experiences into a book, but his latest efforts are not his best. There has been a steady decline in his humor since it became a tread-mill grind.

When at the height of his fame Mark Twain had many friends in London. but now in his distress only a few faithful souls ever call to see him.

FEARED BURIAL ALIVE.

Plan Is Invented to Prevent Per mature Interment.

There is a certain inventor, well known to people in all parts of the 405-7 Sansome Street country, whose particular fear is that he will be buried while in a trance. So strong a hold did this idea take on his mind that a year or two ago he devised a plan by which, should he become a victim of premature burial, the fact will soon become known. The Illustration conveys a good idea of his plan. The tube shown is fitted with air valves, which are opened by the



GRAVE SIGNAL IN POSITION.

slightest motion within the coffin, the result being that the bell is kept ring up the case as hopeless. When in-ing until relief arrives. ing until relief arrives.

Pins, previous to 1824, were all made by hand, and were, consequently, very S.S.S., and in a short while the Cance costly. Pin-making machines have been brought to a state of perfection. They now receive the wire from the spools. longer until the Cancer disappeared encut it into proper lengths, make the tirely. This was several years ago and head and point, polish the pins, and, by there has been no return of the disease.' a most singular piece of machinery, gather up, at one motion, a proper number to compose the row, fold the strips of paper and pass the pins through, A slight movement of the roller bearing the paper pushes it forward a little further, it is again caught up by Rheumatism or any other disease of the the clamps and another row of plus blood. Send pressed into position. It is claimed, for on Cancer and Blood Diseases, some of these pin-making machines, mailed free to that they can manufacture 500 pins a any address. minute.

What Manhattan Island Was.

Never say Manhattan Island when you mean the Island of Manhatten. The briefer term was properly applied in such a way that now it cannot be applied at all. The place that hore it is no longer discernible. Manhattan Island was a knoll about an acre in extent which lay near Corlears Hook, surrounded by marshes and partly submerged by high tides. Later on it became the center of a place which did us noble service, but again has been ebliterated, save for the lingering nickname of "Dry-dock Village." were built most of our ships in the days when no one could build them quite as well as we .- Century.

A 1c bronze plece is three-quarters of an inch in diameter.

## SUFFER NO MORE NOW.

Mark Twaln. America's greatest bu- Paine's Celery Compound is Working Miracles in Curing Disease.



Paine's celery compound is working | the head, which the doctors informed miracles in the cure of disease!

So says a recent article by the foremost medical essayist in Boston.

est remedy without stint of praise."

well-known local doctors, but their combined efforts proved of no avail. I have been for years a harsh skeptic in regard to advertised medicines, but Paine's celery compound, and allow having suffered excrutiating pains in him to sell you nothing else!

me were due to neuralgic symptoms, I determined to try Paine's celery compound, on the advice of a friend.

"To my surprise I found an entire "Nothing shows more conclusively," change going on after taking a little he adds, "the astonishing capability of over three bottles and I began to feel Paine's celery compound than the like a new man. I have for the past thoughful, open-minded class of people ten or twelve years suffered from pains who use it and recommend it, both in in the back and other smyptoms of depublic and among their closest and rangement of the kidneys and bladder, dearest friends and relatives. Among and have spent many sleepless nights us (physicians) there is no longer any in consequence, but now I sleep sound, hesitancy in recommending this great- thanks to the common sense which induced me to try Paine's celery com-About the same time the above ar- pound. I will ever praise the marvelticle was published there appeared in ous potency of this valuable medicine, the Boston Journal the following letter and at any time will be glad to give from David K. Chasser of 452 Windsor personal testimony at my address, st., Cambridgeport, a suburb of Boston: should any sufferer care to call, as I
"I take great pleasure in testifying to the extraordinary merits of Paine's ing housed up, and think the propriecelery compound. For some time past tors of Paine's celery compond deserv-I have been under the treatment of two ing of more thanks than I can convey

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Mrs. Laura E. Mims. of Smithville, Ga. "A small pimple of a strawberry color appeared on my cheek; it soot began to grow rapidly, notwithstanding all efforts to check it. My



eye became terribly inflamed, and was so swollen that for quite a while I could not see. The doctors said I had Cancer of the most malignant type, and after exwithout doing me any good, they gave

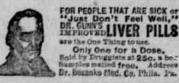
the same disease, they said I must die, as hereditary Cancer was incurable. "At this crisis, I was advised to try began to discharge and continued to do so for three months, then it began to heal. I continued the medicine a while

A Real Blood Remedy.

Cancer is a blood disease, and only a blood remedy will cure it. S. S. S. (guaranteed purely vegetable) is a real blood remedy, and never fails to permanently cure Cancer, Scrofula, E.zema, for

Swift Specific Co. Atlanta, Ga.





OPIUM AND DRUNKENNESS



To any person interested in humans matters, or who loves animals, we will send free, upon application, a copy of the "ALMANCE," the organ of this Society. In addition to its intensely interesting reading, it contains a list of the valuable and unusual premiums given by the paper.

THE NATIONAL HUMANE ALLIANCE,



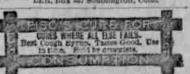
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WHEAT classification in the control of the control

BEST IN THE WORLD. GREASE

Its wearing qualities are unsurpassed, actually outlasting two boxes of any other brand. Free from Animsi Oila. GET THE GENUINE. FOR SALE BY OREGON AND DOWNSHINGTON MERCHANTS and Dealer generally.

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