

MAKING BIG TRAYS.

A Method of Making Ones That Are Absolutely Waterproof.

The development of bromide enlargements and the use of large sized plates render necessary dishes of a size which are very expensive to purchase and often very unmanageable on account of their excessive weight, especially if they are of glass or porcelain. In consequence of the expense home-made trays are often employed, but these are very likely to leak and then become very bothersome. Perhaps the most general expedient is the lining of a wooden tray with oilcloth or sheet rubber, but such a tray usually has wrinkles and folds on the bottom, and hence is not particularly economical of solutions, besides being very likely to leak. Sheet lead may be employed as a lining, but the trays then become very heavy. A process frequently advocated is the painting of the inside of a wooden tray with asphaltum to make it watertight. In order to make this effective, several thin coats must be given, with thorough drying between, and it will then be found that the asphaltum will not resist the prolonged action of photographic chemicals. The process which we found to be most effectual is to paint the tray with a coat of glue to which has been added 5 or 6 per cent of bichromate of potassium. By exposing to sunlight for two or three hours, the coating becomes absolutely waterproof. We usually give three or four coats of glue, with thorough sunning after each, and find that the resulting tray leaves little to be desired for lightness and durability.

Charging Women Less Than Men.
At the old-fashioned inns and restaurants in Sweden it is customary to charge less for women than for men on the theory that they do not eat so much. At some hotels in Sweden a man and a wife are charged as one and one-half persons if they occupy the same room. A husband and wife may travel as one and one-half persons by railway, and also by the post routes, furnishing their own carriage.

Hall's Catarrh Cure is a liquid and is taken internally, and acts directly on the blood and mucous surfaces of the system. Write for testimonials, free. Manufactured by F. J. CHENEY & Co., Toledo, O.

The largest coral reef in the world is the Australian barrier reef, which is 1100 miles in length.

FITs permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Serial bottle and treatment. Dr. R. H. KLINE, Ltd., 931 Arch St., Phila., Pa.

France's 16,000 doctors average less than \$750 a year professional income.

Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

It's the tiresome people who bore their way through life.

Putnam Fadeless Dyes color more goods, per package, than others.

Some people love their neighbors for what they can get out of them.

I am sure Pilo's Cure for Consumption saved my life three years ago. Mrs. M. C. Bixby, Maple St., Norwich, N. Y., Feb. 17, 1900.

There is a difference between being outspoken and being out-talked.

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CHILDREN'S DEPARTMENT.



Do Your Best.
Do your best; On fortune's page they're sure to score you, Do your best; No matter how the work detains you, No matter how its dullness chains you, No matter what the sum it gains you, Do your best.

A Miniature Oak Tree.
If an acorn be suspended by a piece of thread with half an inch of the surface of some water contained in a hyacinth glass, and so permitted to remain without being disturbed, it will, in a few months, burst and throw a root down into the water, and shoot upwards its straight and tapering stem, with beautiful little green leaves. A young oak tree growing in this way is a very interesting object. A chestnut may be treated in the same manner. The water must be changed sufficiently often to afford these trees the necessary quantity of nourishment from the matter contained in it.—Washington Star.

The Electric Dancers.

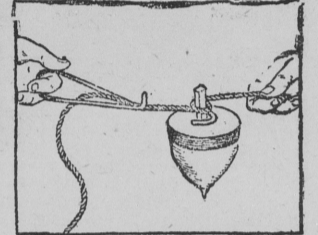
With the help of electricity in its simplest form a great many tricks and entertaining feats can be performed, such as the following: Get a plain sheet of glass about twelve inches long by eight inches wide, and insert it between two volumes, as shown in illustration. The distance of the glass from the table should be about three inches. With the help of scissors cut a number of small figures, such as men, women, clowns, animals, etc., not higher than one and one-half inches, out of different colored paper. Lay the little figures flat on a line on the table underneath the glass. Make a sort of ball of woolen, or, better yet, silk cloth, warm it a little and rub the sur-

half way down, so that it seems to be floating in the air, until he gives it permission to continue its journey. There are different ways of doing this trick, but they all depend upon the same principle.

A curved packing needle is used in conducting the cord through the apple, making a curved channel. By holding the cord loosely the apple can slide down in consequence of its weight, but as soon as the cord is stretched (this being hardly perceptible) the apple is brought to a standstill. When the cord is relaxed the apple will continue its sliding motion.

Novel Top-Spinning Device.

To spin a top well, as every boy knows, care must be used in winding



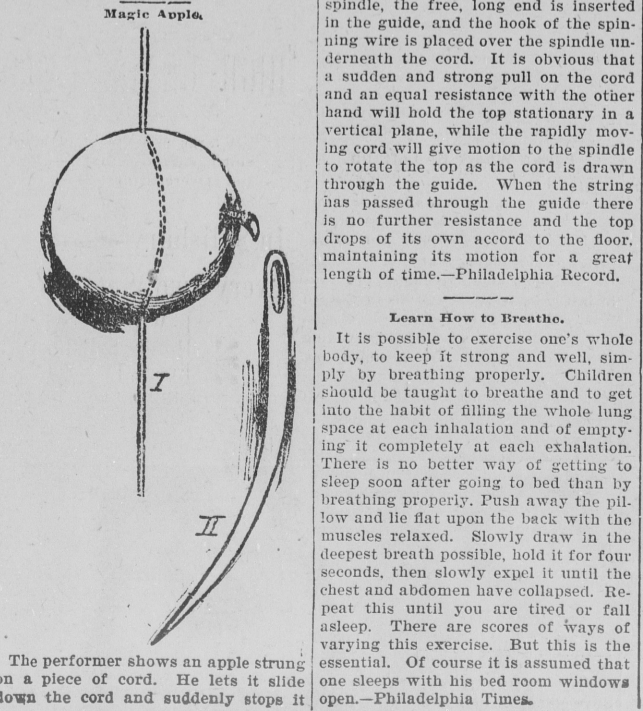
WINDING UP THE CORD IS UNNECESSARY

the string, as well as in throwing the top, the tension of the cord having considerable to do with the speed of revolution. Now a Western inventor comes forward with a top which, while it makes use of the string, does not have it wound on the top, as is necessary with the old kind. The illustration gives an idea of the device, which is



THE ELECTRIC DANCERS.

face of the glass with it. You will notice immediately how the electricity obtained by this process enlivens the little paper figures, how they stand up and jump to the glass ceiling of their little ballroom, to be repulsed and fall back, only to renew their dance. If you stop rubbing the funny actions of the figures are continued for a while; when the dance is ended the touch of the hand on the glass is sufficient to enliven the figures again.—New York Tribune.



The performer shows an apple strung on a piece of cord. He lets it slide down the cord and suddenly stops it

Learn How to Breathe.

It is possible to exercise one's whole body, to keep it strong and well, simply by breathing properly. Children should be taught to breathe and to get into the habit of filling the whole lung space at each inhalation and of emptying it completely at each exhalation. There is no better way of getting to sleep soon after going to bed than by breathing properly. Push away the pillow and lie flat upon the back with the muscles relaxed. Slowly draw in the deepest breath possible, hold it for four seconds, then slowly expel it until the chest and abdomen have collapsed. Repeat this until you are tired or fall asleep. There are scores of ways of varying this exercise. But this is the essential. Of course it is assumed that one sleeps with his bed room windows open.—Philadelphia Times.

ALL MARKETS.

PITTSBURGH.

Grain, Flour and Feed.

Wheat—No. 2 red	68	69
Rye—No. 2	56	57
Corn—No. 2 yellow, ear	75	76
No. 2 yellow, shelled	67	68
Mixed ear	69	70
Oats—No. 2 white	37	37 1/2
No. 3 white	35	35 1/2
Flour—Winter patent	4 00	4 05
Fancy straight winter	3 90	3 95
Hay—No. 1 timothy	16 00	16 50
Cliver No. 1	11 50	12 00
Feed—No. 1 white mid. ton	16 50	17 00
Brown middlings	16 50	17 00
Straw—Wheat	10 00	10 50
Oat	7 50	8 00

Dairy Products.

Butter—Elgin creamery	23 1/2	24
Ohio creamery	22	23
Fancy country roll	17	18
Cheese—Ohio, new	12 1/2	13
New York	14 1/2	15

Poultry, Etc.

Hens—per lb.	12	13
Chickens—dressed	15	16
Eggs—Pa. 2 mixed, fresh	22 1/2	23

Fruits and Vegetables.

Green Beans—per bus.	\$1 00	1 25
Potatoes—Fancy white per bus.	50	55
Cabbage—per bbls.	50	55
Onions—per barrel	2 25	2 50

BALTIMORE.

Flour—Winter Patent	\$3 70	3 80
Wheat—No. 2 red	74	75
Corn—No. 2 mixed	62 1/2	63 1/2
Oats—No. 2 white	34	35 1/2
Butter—Creamery, extra	23	24
Eggs—Pennsylvania, fresh	22	23 1/2

PHILADELPHIA.

Flour—Winter Patent	\$3 50	4 00
Wheat—No. 2 red	74	75 1/2
Corn—No. 2 mixed	62 1/2	63 1/2
Oats—No. 2 white	34	35 1/2
Butter—Creamery, extra	23	24
Eggs—Pennsylvania, fresh	22	23 1/2

NEW YORK.

Flour—Patents	\$3 85	4 00
Wheat—No. 2 red	74	75 1/2
Corn—No. 2 mixed	62 1/2	63 1/2
Oats—No. 2 white	34	35 1/2
Butter—Creamery, extra	23	24
Eggs—State and Pennsylvania, fresh	22	23 1/2

LIVE STOCK.

Central Stock Yards, East Liberty, Pa.

Cattle.

Prime heavy, 1600 to 1800 lbs.	\$ 6 70	6 90
Prime, 1300 to 1600 lbs.	6 25	6 50
Medium, 1200 to 1500 lbs.	5 50	5 75
Fat calves	3 00	3 00
Butcher, 800 to 1000 lbs.	4 50	5 00
Common to fair	3 75	4 00
Oxen, common to fair	3 00	4 00
Common to good fat bulls and cows	3 00	4 75
Milk cows, each	20 00	22 00
Extra milk cows, each	40 00	50 00

Hogs.

Prime heavy hogs	7 40	7 45
Best heavy Yorkers and medium	7 20	7 25
Good to choice packers	7 10	7 20
Good rigs and growers	6 50	6 50
Pigs, common to good	6 70	6 90
Common to fair	7 10	7 50
Roughs	6 10	6 40
Stags	5 00	6 00

Sheep.

Extra, medium wethers	\$ 3 50	3 75
Good to choice	3 00	3 50
Medium	2 50	3 00
Common to fair	1 50	2 00

Lambs.

Lambs, clipped	5 60	5 75
Lambs, good to choice	5 30	5 50
Lambs, common to fair, clipped	5 00	5 25
Spring lambs	6 00	6 25

Calves.

Veal, extra	7 00	8 25
Veal, good to choice	6 50	7 50
Veal, common heavy	5 00	6 00
Veal, common to fair	3 00	5 00

BUSINESS OUTLOOK.

Favorable Symptoms Predominate in Trade Despite Numerous Adverse Factors—Coke in Demand.

R. G. Dun & Co.'s Weekly Review of Trade says: Favorable symptoms still predominate, and the business outlook is encouraging, despite the adverse factors of labor controversies, of fuel shortage and tight money. That these drawbacks have not seriously checked industrial progress testifies to the strong position attained during recent months of uninterrupted activity and growing confidence. Manufacturing plants dependent upon steam for motive power are finding profits curtailed by the high prices of fuel, and unless normal conditions are soon restored it will be necessary to secure better quotations for products. The problem of adequate transportation is also disturbing, as there is already congestion in the coke region. When anthracite coal mining is fully resumed and grain shipments attain expected dimensions, the railroads will find great difficulty in meeting all requirements, despite vigorous efforts to increase facilities. Railway earnings in September were 9.4 per cent larger than last year, and 20.2 per cent in excess of 1900. Dun's index number of commodity prices proportioned to consumption was \$100.648 on October 1, an advance of 4.1 per cent, compared with the position of September 1. It is certain that all records of pig iron production would be far surpassed if coke could be obtained, even at the exceptionally high prices now prevailing. Hence, reports of active furnaces measure the available supply of coke rather than the demand for pig iron. Last week's reduction in prices of sheets and wire have not been followed by any weakness in other branches of the trade, while an improved demand is reported in the lines making concessions. Shipments of footwear from eastern shops continue on a large scale. The amount of business already placed assures activity at the factories for some time. Cotton mills in New England are preparing to shut down on account of the fuel shortage, and the market for goods is strong because supplies are already limited. Failures for the week numbered 245 in the United States, against 231 last year, and 21 in Canada, compared with 34 a year ago.

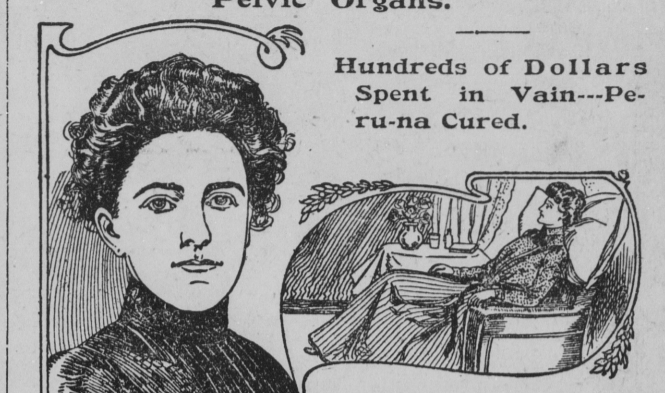
Bradstreet's says: Wheat, including flour, exports for the week ending October 9, aggregated 5,645,279 bushels, against 4,870,578 bushels last week; 4,719,898 bushels in this week last year, and 4,292,855 bushels in 1900. Wheat exports since July 1 aggregated 73,130,492 bushels, against 89,567,844 bushels last season, and 51,505,222 bushels in 1900. Corn exports aggregated 189,358 bushels, against 141,423 bushels last week, 678,246 bushels last year, and 2,896,037 bushels in 1900.

World's Oldest Inn.

The oldest inn in the world is the "Seven Stars" at Manchester, England. This hostelry has held a license for five and a half centuries. Its history, indeed, goes back to 1356.

SUFFERED SEVEN YEARS

With Catarrhal Derangements of the Pelvic Organs.



Hundreds of Dollars Spent in Vain—Peruna Cured.

A neglected cold is frequently the cause of death. It is more often, however, the cause of some chronic disease. There is not an organ in the body but what is liable to become seriously deranged by a neglected cold. Diseases of the kidneys, bladder and digestive organs are all frequently the result of a neglected cold. Hundreds of dollars are spent on doctors and medicines trying to cure these diseases, but until the true cause of them is discovered there will be no use in using medicine. Dyspepsia, indigestion, diarrhoea, medicine and constipation medicine is of no good whatever when catarrh is the cause. The catarrh must be treated. The cause being removed, the derangements will disappear. Peruna cures catarrh of the digestive organs, the urinary organs or any of the internal organs. If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis. Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, O., and blessings to you for Peruna. Miss Kate Brown.

The Lost City.
The site of the lost Indian city, Mascoutens, which was reported as having 20,000 inhabitants in 1875, has been determined by the labors of Thomas Clithero, of Portage, Wis., now extended over many years. It was the largest city in all Indian history, so far as United States territory is concerned, and the descriptions of the results in the course of the seventeenth century, closing with Marquette and Joliet in 1673, are said to have been verified.

How to Keep Young.
Vigorous and supple-jointed, is to continue to practice the activities of youth, and to refuse to allow the mind to stiffen the muscles by its suggestion of age limitations. If men like Peter Cooper and William E. Gladstone, who kept up the vitalizing exercises of robust manhood when far into the eighties, had succumbed at 40 to the thought of approaching age, how much of their valuable life-work would have remained undone?

ST. JACOBS OIL

POSITIVELY CURES

- Rheumatism
- Neuralgia
- Backache
- Headache
- Footache
- All Bodily Aches
- AND

CONQUERS PAIN.

W. L. DOUGLAS \$3 & \$3.50 SHOES

W. L. Douglas shoes are the standard of the world. W. L. Douglas made and sold more men's Good-Fit Patent Leather shoes in the first six months of 1902 than any other manufacturer. \$10,000 REWARD will be paid to anyone who can discover the manufacturer of W. L. DOUGLAS SHOES. CANNOT BE EXCELLED. 1500 main St., Boston, Mass. 1st 6 months, \$1,103,820 2nd 6 months, \$2,340,000

Best Imported and American leathers, Heigl's Patent Gait, Enamel, Box Calf, Wild, Corned Calf, Wat, Kangaroo, East Color Eyelets used. Caution! The genuine have W. L. DOUGLAS name and price stamped on bottom. Shoes by mail, 25c extra. Illus. Catalog free. W. L. DOUGLAS, BROCKTON, MASS.

RIPANS

Tourists, sportsmen, hunters and fishermen find Ripans Tabules an always handy article in hotel, sleeping car, field and camp. They are the best and only medicine needed for an outing, as they keep head, stomach, bowels and liver in the right condition, and thus prevent any other trouble likely to arise from exposure or sitting at late campfires.

FREE ELECTRIC BELT OFFER

BOOKKEEPING!

Taught to all, other sex, in shortest time at lowest cost. Individual instruction under personal supervision. Latest practical methods. C. D. RANGBORN, Public Accountant, 1230 Arch St., Philadelphia, Pa.

Old Letters.

I wish to buy Autograph letters of famous people. Send list of what you have.

W. H. BENJAMIN, 1125 Broadway, New York.

QUALIFIUB B GIORNICIAL KIRINWYIEO \$400 IN CASH FREE!

We will give the above reward to any person who will correctly arrange the above letters to spell the names of three American cities. Use each letter but once. Try it. We will positively give you the money, and you may let the fortunate person. Should there be more than one set of correct answers, the money will be divided equally. For instance, should five persons send in correct answers, each will receive 80; should ten persons send in correct answers, each will receive 40; twenty persons, 20 each. We do this to introduce our firm and goods which we handle as quickly as possible. Send no money with your answer. This is a free contest. A post card will do. Those who have not received anything from other contests try this one.

NATIONAL SUPPLY CO., NIAGARA FALLS, ONTARIO.

P. N. U. 42, '02.

PISO'S CURE FOR CONSUMPTION

Best Cough Syrup, Tastes Good. Use in time. Sold by druggists.