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JOSEPH ZICK Maker of Guaranteed Quality Traveling Bags 12 Walnut Street

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WURTZBURGER 50c Doz. Delivered Anywhere in City Onondaga Lager, Doz. 50c Sparkling Ale, Doz. 50c Porter, Doz. 60c American Pilsner, Doz. 75c

Thos. Ryan's Consumers Brew. Co. Syracuse, N. Y. J. J. MILLER, Distributor 263 Murray St. Rochester, N. Y.

MARTIN BROTHERS PRACTICAL Tin, Copper and Sheet Iron Workers Furnaces Roofing and General Jobbing Agents for the 1-atcher and other Businesses 291 Court Street

Charles H. Lamb Wholesale and Retail OYSTERS CLAMS CRABS FISH 74 Front St. Rochester, N. Y.

Geo. Engert & Co. COAL. Principal Office and Yard Telephone 237 306 Exchange Street

RYAN & MCINTEE UNDERTAKERS 106 Main St. West Home Phone 1464 Bell Phone 868

Old Time Temperance. Germany would seem to have given the lead in the matter of temperance societies. On Jan. 18, 1817, a man named Sigismund de Dietrichshofen formed the Order of St. Christopher, and in 1800 the landgrave of Hesse formed the Order of Temperance, both societies aiming at the promotion of moderation.

Like Our Own Moon. Observations made at the Lowell observatory on the varying brightness of two satellites of Saturn viz. Mimas and Enceladus indicate that these bodies rotate on their axes in periods identical with those of their revolution around the primary. I. e. they behave like our own moon, and probably like intelligent generally.

SENSITIVENESS. To be unduly sensitive is to suffer needless pain. Sensitiveness is a form of fear greatly exaggerated by introspection. Like all negative emotions sensitiveness grows with indulgence and easily becomes a fixed habit of thought and feelings.—Nautlius.

Fence and Wire Work We build wire and iron Fences, Tennis Court back stops, wire trellises, window guards and office enclosures.

Rochester Brass & Wire Works Co. 74-78 Exchange Street Home Phone, Stone 2874 Bell, Main 2408

ROBERTSON & SONS Both Phones 38 N. Water Street EST. 1884 Work Called For and Delivered We Don't Cobble shoes WE REPAIR THEM

Thos. B. Mooney Funeral Director REMOVED To 93 Edinburgh Street. Temporary Office, 962 Plymouth Ave. Lady Attendant. Home Phone 5418 Bell Phone 197

Established 1873 L. W. Maier's Sons UNDERTAKERS 166 Clinton Ave. N. Phone 609

Sours Carting Co. 47 Stillson St. New Storage warehouse; furniture and merchandise stored and packed for shipment, auto trucks for long distance moving.

RALPH H. MOWLE Bell Phone 2827 Main General Blacksmithing and Horse Shoeing Carriage Repairing and Painting Wagon Building Rubber Tires Put On Lame and Interfering Horses Specially 475-477-479 Dewey Ave. Career, Kenosha

YOUR SAFETY RAZOR BLADES Will have thickest cutting edge if we sharpen them. Leave them at Gullford's, 2-3 North, 138 State or send for free mailing box Rochester Keen Edging Co. 66 Edinburgh St.

Automobilists Attention We are prepared to do Auto Painting and Trimming. We build Bodies of Special Design, furnish Top, Storm Aprons, put on Rubber Tires, and carry a general line of Repairs, Springs, etc. We also build Carriages, Wagons, Trucks, Motor Wagens, Buses, Wagons, etc., on short notice. All work guaranteed

Caley & Nash 1828 East Avenue Rochester, N. Y.

Both Phones ORDER FRIEDLER'S Pure Soft Drinks Delivered to any part of city 80 Lowell Street

Austin Market 9 Plymouth Ave. N. Meats and Fish Give Us a Call J. Harry Barker

JOSEPH H. OBERLIES ARCHITECT Office-838, 840, 842 Granite Bldg Home Phone 3667

THOMAS E. MARTIN Wholesale and Retail Dealer in LAKE AND OCEAN FISH, STEEL OYSTERS, CLAMS, LOBSTERS, ETC. 763 West Main St. Prompt Delivery to all Parts of City

For Pure Ales Wines and Liquors Send your orders to Matthews & Servis Co. 95 STATE ST. Both Phones 3075

The Best Remedy Jackson's Cough Syrup 25c Geo. Hahn Prescription Druggist 561 State Street

Established 1890 Sidney Hall's Sons Boiler and Tank Makers General Boiler Repairs Dealers in Grates, Boiler Casting and Packing 173-175 Mill Street

AL. G. WEIGEL SIGNS North Street corner Franklin Residence 110 High Street

COAL SCHWALB COAL CO. Office and Yard, 92 Portland Ave. Rochester, N. Y.

Du Mond-Van Curan Company Incorporated PLUMBING HARDWARE HEATING PAINT OILS GLASS 1794-1796 East Avenue

STOP THE COLD DRAFTS, Snow and rain from blowing through your door and window openings by equipping them with METAL WEATHERSTRIPS Building Specialties Company JOHNSON ST. opp Howe & Rogers new store Home Phone, Stone 704

WILLIAM C. GRAY Civil Engineer and Surveyor Room 11 77 Main Street West Rochester, N. Y. Home Phone 335 Stone Bell Main 704 PERSONAL ATTENTION

C. M. TOPLIFF Church Organ Builder Repairing, cleaning, regulating, setting up and remodeling. Veil and contract specialties. Water motors and electric blowers furnished and up fixed. Twenty year experience. 1304 St. Paul Street Rochester, N. Y.

POTATO YEAST BREAD White Star Bakery F. M. Groff 26 N. Union St. Phone 1263 Stone

Flower City Carting Co. EDWARD A. WINDLETT Mgr. LARGE PADDED VANS FOR MOVING OFFICE 826 Main St. West Rochester, N. Y.

Van Your Tobacco Man E. P. VanDeWater Dealer in CIGARS, CHOCOLATE AND CIGARETTES 938 Main St., W. Rochester, N. Y. Bell Phone, General 1455 Home Phone, General 1455

W. H. Baker Rug Weaving and Carpet Cleaning 609 Oak Street

Halcyon Days. The expression "halcyon days" originated with the ancient Greeks. They firmly believed in an old legend that during the seven days preceding and the seven following the winter solstice—Dec. 21—the halcyon, or kingfisher, brooded over her young in a nest floating on the surface of the water and that during these fourteen days and that the world would be calm and safe for the mariner, hence the name "halcyon days," when, according to Milton, "birds of color sat brooding on the charmed wave."

A Strong Cup. Guest (in cheap restaurant)—Look here, waiter, I thought I told you to bring me a strong cup of coffee? Waiter—Well, what's the matter with that cup? You couldn't break it with an ax.

SCIENCE—INVENTION.

Great Prehistoric Lake. Lake Agassiz was a body of fresh water that existed during a late stage of the glacial epoch in the valley of the Red River and extended northward from the present head of that stream for nearly 700 miles. The area of the lake at the time of its greatest expansion was about 110,000 square miles, exceeding the present aggregate area of the five great lakes tributary to the St. Lawrence.

The shore of this ancient lake is marked by well defined beaches, and it is from these that the existence and the extent of the lake are known. The lake was named by the geologist Warren Upham in honor of Louis Agassiz, who was the first to make a systematic study of glaciers and glacial phenomena. United States Geological Survey.

Oklahoma's Gas Field. The United States Geological survey has made public a report on the Loco gas field, Oklahoma, by Carroll H. Wegmann. The Loco field is on the line between Stephens and Jefferson counties, about three miles southwest of the village of Loco and ten miles northwest of the Healdton oil field.

Close Estimating. A geologist of the United States Geological survey—once estimated—3,000 feet as the necessary depth to drill in a certain locality to find water, with the result of less than 1 per cent of error, a flow measuring half a million gallons—a day having been struck at a depth of 2,987 feet. In another branch of the work of the survey, that of estimating at the close of the calendar year the production of the various minerals during that year, even this percentage of error is being reduced. The survey's estimate on Jan. 1, 1915, of the production of iron ore was 41,440,000 long tons. The actual figures received from all the companies are now seen to be 41,439,701 long tons—a difference of only 289 tons.

Protection For Roofs. One of the greatest dangers from snow on roofs of large areas is the sliding and bunching of the snow on small drift near the bottom, says Popular Mechanics, with the result that one part of the roof is not only overloaded, but is in danger of leaking.

Chill of Beef. Take two pounds of flank steak—the thick, rather stringy meat that lies inside the ribs and which is peeled before being used. Cut the steak in two or three pieces large enough to cover the bottom of your kettle. Rub the pieces with cut onion, pepper and salt and flour on both sides. Put one tablespoonful of olive oil in your kettle, rub it round with a piece of garlic. Lay one piece of steak on the bottom of the kettle. Make a mixture of three pinches, one medium sized onion, both chopped, and one pint of red kidney beans—previously well soaked and par-boiled. Spread a little of this mixture between each layer of steak, leaving the meat on top. Flour and season the well and pour over it one cupful of strained tomato juice or ketchup. Cook in moderate oven three hours. Serve with boiled rice.—Country Gentleman

Stain Removers. Equal parts of turpentine and ammonia will remove paint from clothing, no matter how hard it is baked on. Borax will remove the leather stains made by shoes on white or light colored stockings. Ammonia will remove grease stains from white goods. Either will remove stains without leaving a ring on the material. Spirits of camphor will take on peach stains.

Ripe Tomato Relish. One neck of tomatoes, peeled and chopped. Let drain overnight in a colander. In the morning add six chopped onions of ordinary size, two bunches of chopped celery, two table-spoonfuls of mustard seed, one table-spoonful of celery seed, four chopped red peppers, one-half cupful of salt, six cupfuls of brown sugar and six cupfuls of cider vinegar. Mix all together and seal in jars without heating.

Potato Doughnuts. Two eggs, one cupful of sugar, one-half teaspoonful of salt, one-quarter teaspoonful of nutmeg, one-quarter cupful of sweet milk, one cupful washed potatoes (mashed very soft and creamy), three teaspoonfuls of baking powder and about a quart of flour. Add a pinch of ginger to keep them from sinking fat. Fry in hot fat.

Chili Sauce. Twelve large ripe tomatoes, four ripe or green peppers (remove seeds from peppers), two onions, two table-spoonfuls of salt, one table-spoonful of mustard, one cupful of sugar, three cupfuls of vinegar. Peel tomatoes and onions and chop fine. Boil one and a half hours, bottle and seal hot.

Sweet Potato Puddin'. Roil two pounds of sweet potatoes, Mash while hot, adding a cupful of butter. Beat until light, add a cupful of sugar to four well beaten eggs, stir in potatoes, season with cinnamon and nutmeg. Stir in two cupfuls of cream and grated peel of one lemon. Mix well, pour in buttered dish and bake quickly. Serve with sauce.

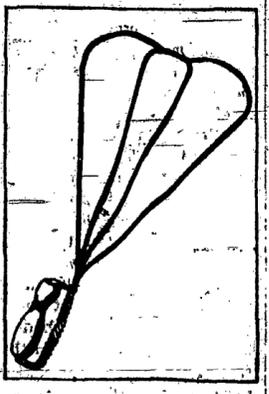
Baked Sweet Potatoes. Cook sweet potatoes until nearly done; then peel and cut in slices. But for a baking dish, put in a layer of potatoes, sprinkle well with sugar and cinnamon; repeat until dish is full. Have the top layer of sugar. Melt a half-spoonful of butter in a cupful of milk, pour over potatoes and bake a golden brown.

Cleaning the Piano. Pianos may be cleaned by washing them with water. Have the water just slightly warmed, wash a small portion of the surface at a time and dry immediately by rubbing briskly with a soft cloth. Rub until the wood is hot to the touch.

Uses of Iridium. Iridium is used principally for the hard points on gold pens, for making platinum hard and springy and for making a black glass on glass or porcelain.

HELPFUL HINTS FOR HOUSEWIVES

Wire Carpet Beater With Protective Handle.



The improved implement for beating carpets, herewith illustrated, appears to be a great improvement over the switch and the device made of cane. Being supplied with four wires to make up a wing, it covers a greater area when in action and accomplishes the job more quickly. Beating a carpet with a switch is hard on the hands, for it is necessary to operate close to the carpet to get the best results, and this is often disastrous to the knuckles. In the case of the new invention the handle is raised so that there is no danger to flesh in coming in contact with the harsh fabric of the carpet.

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SHORT AND STAMP.

Save first in as good a young man's motto as safety first. The bet you intended to make but didn't is always the one that loses. The Balkan puzzle may be solved, but it is not the kind to stay solved.

Many a good idea goes to waste because there's no energy to push it along. Incidental expenses for the Hague palace of peace have been unusually heavy in the cobwebbing line this past summer.

Some of these days maybe those Panama canal slides will run out of raw material. Life's best joys are found in living on last month's salary instead of the one for the month just ahead.

Every time a man loses his temper he loses his head, and when he loses his head he loses several chances. Occasional mention of The Hague is made, although its inefficiency as a complete war averter is admitted.

A Chicago doctor advises cutting out the appendix as a remedy for corns. Haze—those who lost their appendix also lost their bunions? Some people are always in trouble because they cannot restrain themselves from speaking right out what ever comes into their heads.

The Lower Rents society in New York has made a public report showing that ninety-nine families are less than half of the real estate value in Manhattan, but as yet rents have not been reduced.

The Royal Box. Henry VIII, was the first English sovereign to be styled "his majesty." The emperor of Germany is a member of the Evangelical Protestant church of Germany. Prince Eugene of Sweden, who killed himself "E. Oscarson" is one of the most famous of modern Scandinavian painters.

King Ferdinand of Roumania is by birth a prince of Hohenzollern—thus to say, a member of the Prussian reigning house of which the kaiser is the chief, while King Ferdinand of Bulgaria is a son of the German kaiser's family of Saxe-Coburg and Gotha—and was born and brought up in Austria.

Pen and Brush. Walter Hale, the actor, illustrated the stories and books of the "Lionel Lincoln" series. Mrs. Amalia Barr of the age of sixty-six is writing her sixty-third novel. Mrs. Barr has been the subject of a book by Helen Bellac.

Illustration. Helen Bellac, whose career in the art has been so widely known, has just entered on her forty-third year. He is of French-Belgian parentage. R. A. Goldberg, the cartoonist, has had an income of \$20,000 per year and died mining engineering at the University of California. Eight years ago he started on a New York newspaper at \$50 per week.

Submarines and Torpedoes. For the expulsion of torpedoes, air at a pressure of fifty pounds is used. For consumption beneath the waves air is stored in a submarine under the great pressure of 2,000 pounds. A Whitehead torpedo runs 6,000 yards, traveling part of the distance at the rate of fifty miles per hour.

Even on the surface a submarine is a comparatively slow craft. Her top speed is seldom much over sixteen knots per hour. When a torpedo is discharged water to exactly the same weight automatically flows into the submarine's tanks so that the poise of the vessel is preserved.

Short Stories. Wealthy Russians are buried in glass coffins. Iodine stains the skin brown and stains starch blue. Documents containing details of the vessel's cargo and the ports for which she is bound are called the ship's manifest.

Considerable geysers are found in only three places—Yellowstone park, Iceland and New Zealand. Those in the latter are wonderful and the finest in the world. It happens not infrequently that divers into Lake Superior never come to the surface. The circumstances are attributed to the water's extreme coldness.

Pert Personals. William Walker Astor will pay a British war tax of \$1,250,000. That ought to entitle William Waldorf to a baronetcy.—Rochester Herald. If Kajetan Moray von Kapow-Were, who is reported to be the new ambassador from Austria, brings his wife home with him he will hardly be able to arrive in one ship.—Philadelphia Press.

It is stated that the Indian government has refused Dr. Cook permission to climb Mount Everest. And a lot of sarcastic people will wonder why that was necessary.—Cleveland Plain Dealer.