

WHAT IS A GAS?

Well, Here is Lord Kelvin's Quality Eccentric Definition.

One of the late Lord Kelvin's students at the University of Glasgow writes of some of the old scientist's peculiarities: "To those who attended the natural philosophy class at Glasgow university Lord Kelvin, or, rather, Sir Billy (for to that length our irreverent love of the genial old man would go), is a cherished memory—a memory of a great man who gave 'articulate shape to the thoughts that wander through eternity.' His appeal to our humorous faculties was due partly to some personal peculiarities, partly to the sublimely unconscious use of very familiar objects and extremely colloquial phrases to illustrate his great thoughts on great things. Never blessed with powers of clear enunciation, he had a way of wrestling with certain words and giving them a prolonged rolling intonation that added point to those unintentionally humorous observations which he was ever making and for which, thoughtless yet not wholly unlovable crew that we were, we were ever looking. Let me cite some examples. Lecturing on the nature of a gas one day, Lord Kelvin thus delivered himself: 'Imagine a thousand million students rushing with incredible velocity in one direction and a thousand million students rushing with the same velocity in the opposite direction and meeting. That is a gas.' Doubtless, but the homely simile compelled laughter and at the same time left us both mystified and enlightened. "But his greatest feat was the playing of a simple tune on a huge trombone. Conceive, if you can, a learned professor of silvered locks and beard, dressed in the black robes of his office and surrounded by scientific instruments, slowly squeezing from a giant trombone some familiar air and you will understand why I have said that Lord Kelvin often made too strong appeal to our sense of the humorous. For himself he was sublimely unconscious of the humorous picture which he presented. He was too intent upon his scientific triumph for the laughter—and it was laughter that literally held both its sides—to reach his ears. "Lord Kelvin was once in his usual delightfully inconsequent way rambling along and letting his great mind slowly unfold its great thoughts. One of the many subjects on which he touched was the transmission of light from distant worlds. 'Here,' he said, 'I have a calf's foot jelly made by Lady Thomson. Observe the wabbling motion of the jelly [here sulking the word by action]. Gentlemen, for aught we know to the contrary, interstellar space may be one vast calf's foot jelly.'

"He was, as I have said, singularly simple in many of his ways. To successive generations of students he illustrated 'uniform motion in a straight line' in a singularly characteristic fashion. Lame in one leg, he always walked with a most marked limp, yet he illustrated 'uniform motion in a straight line' by hobbling round his rostrum in a circle. 'I do not believe that he ever knew why his pathetically humorous way of illustrating a simple fact in kinetics made his successive classes smile confoundingly loud.'—Chicago News.

Was in Poor Health For Years Ira W. Kelley, of Mansfield, Pa., writes: "I was in poor health for two years, suffering from kidney and bladder trouble, and spent considerable money consulting physicians without obtaining any marked benefit, but was cured by Foley's Kidney Cure, and I desire to add my testimony that it may be the cause of restoring the health of others." Refuse substitutes. T. F. Laurin, Owl Drug Store.

Ginseng as an Elixir. Many of the Chinese believe that when all other remedies fail and death is at hand ginseng has the power to bring back health and longevity; hence when they feel the need of it they will pay fabulous prices for certain kinds of roots. A root to be really valuable as a commodity must come from the mountains of Kirin or be reputed to have come from there. It must be bifurcated, so as to resemble as much as possible the human form, and be semi-transparent, dry and flinty. Of course the larger the root the better, and as it is sold by weight it is not very uncommon for a good specimen to bring as much as \$100 an ounce. The value for such a root is in its shape, its texture, the manner in which it has been cured and the region whence it came. But it must be borne in mind that out of a great quantity of roots only a very few of the kind described can be obtained, so that the average price of ginseng is even greatly less than \$100 per pound.

War Against Consumption All nations are endeavoring to check the ravages of consumption, the "white plague" that claims so many victims each year. Foley's Honey and Tar cures coughs and colds perfectly and you are in no danger of consumption. Do not risk your health by taking some unknown preparation when Foley's Honey and Tar is safe and certain in results. The genuine is in a yellow package.

Stimulation With Irritation That is the watchword. That is what Orino Laxative Fruit Syrup does. Cleanses and stimulates the bowels without irritation in any form. T. F. Laurin, Owl Drug Store.

The Star Drilling Machine Co. is erecting a plant at PORTLAND, OREGON for the manufacture of their world famous PORTABLE WELL DRILLING MACHINES for water, oil, gas, etc., etc. A moderate amount of money will start you in a profitable business. STAR PORTABLE DRILLING MACHINES have been proved by Competitive Tests to be The Best In The World. For full particulars regarding well drilling machines, tools, supplies, etc., write to THE STAR DRILLING MACHINE CO. PORTLAND, OREGON, or AKRON, OHIO.

THE ELEPHANT AT BAY

Twenty years of experience tells me that a whole regiment of lions cannot produce the same moral effect as one twelve-foot African tusker when he cocks his big sail-like ears, draws himself up to his full height and looks at you, letting off at the same time a blood curdling scream; while in all probability others invisible to you are stampeding on all sides with the din and vibration of an earthquake. Surrounded in a dense jungle by a herd of elephants they seem to block out the whole horizon. One I measured was actually sixteen feet from edge of ear to edge of ear. No wonder my insignificant self seemed to shrivel and my huge express rifle to dwindle into a mere pea shooter. Try as I will on such occasions, I can never overcome my sense of terror, and always feel inclined to throw down my elephant gun and run for safety till I drop.—Success Magazine.

Kemp's Balsam is a safe cough cure, for it contains nothing that can harm you. It is the best cough cure, but costs no more than any other kind. All druggists sell it.

When you need a cough cure you need one that will cure your cough. Kemp's Balsam, the best cough cure, will do it. All druggists sell it for 25 cents.

Women with good complexions are never homely. Good blood makes good complexions. Lane's Family Medicine makes good blood. All druggists sell it for 25 cents.

During the summer kidney irregularities are often caused by excessive drinking or being overheated. Attend to the kidneys at once by using Foley's Kidney Cure. T. F. Laurin, Owl Drug Store.

Quick Relief for Asthma Sufferers Foley's Honey and Tar affords immediate relief to asthma sufferers in the worse stages and if taken in time will effect a cure. T. F. Laurin, Owl Drug Store.

A TIME-SAVING DEVICE

Every employee of the Bank of England is required to sign his name in a book on his arrival in the morning, and, if late, must give the reason therefor. The chief cause of tardiness is usually fog, and the first man to arrive writes "fog" opposite his name, and those who follow write "ditto." The other day, however, the first late man gave as the reason, "wife had twins," and twenty other late men mechanically signed "ditto" underneath. Success Magazine.

Would you give twenty-five cents to stop your cough? Then get a bottle of Kemp's Balsam and you will have enough for the whole family. It costs druggists 25c.

SCHOOLS AND COLLEGES.

Study Law In a recognized institution of learning. Such a one is the Department of Law of the University of Oregon. Its graduates succeed and many of them are now prominent members of the Bench and Bar. Faculty of 17 instructors. Students have access to a library of 10,000 volumes. Next term opens about September 21, 1908. Free catalogue on application. Address Walter H. Evans, Secretary, 611 Corbett Building, Portland, Oregon.

SHOES

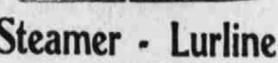
My stock of men's and boy's shoes is unsurpassed for quality. Close buying and low expenses enable me to sell the best qualities at lowest prices.

S. A. GIMRE 543 Bond Street

TRANSPORTATION.

The "K" Line

PASSENGERS FREIGHT



Steamer - Lurline

Night Boat for Portland and Way Landings.

Leaves Astoria daily except Sunday at 7 p. m.

Leaves Portland Daily except Sunday at 7 a. m.

Quick Service Excellent Meals Good Berths

Landing Astoria Flavel Wharf. Landing Portland Foot Taylor St.

J. J. DAY, Agent. Phone Main 2761.

DAIRIES.

The Vermont Dairy

All milk aerated before bottling. Specialty made of one cow's milk for infants. Satisfaction guaranteed. Phone 14 Farmers line. W. J. INGALLS.

WINES AND LIQUORS.

Eagle Concert Hall (320 Astor Street)

Rooms for rent by the day, week, or month. Best rates in town. P. A. PETERSON, Prop.

MISCELLANEOUS.

HOT OR COLD Golden West Tea

Just Right

CLOSSET & DEVERS, PORTLAND, ORE.

THE BIG CURE FOR MEN AND WOMEN. Use Big C for gonorrhea, urethritis, discharges, inflammation, irritations or ulcerations of mucous membranes. Painless, and not irritating or poisonous. Sold by Druggists, or sent in plain wrapper, by express, prepaid, for \$1.00, or 3 bottles \$2.75. Circular sent on request.

MISCELLANEOUS.

Smith's Special Delivery

EXPRESS AND BAGGAGE Leave Orders at Star Cigar Store. Phone Black 2383. Res. Phone Red 2276. Stand Corner 11th and Commercial.

CLASSIFIED ADVERTISEMENTS

HELP WANTED

WANTED—TWO MESSENGER boys. Apply Western Union. 7-4-tf

WANTED—A HOUSE GIRL; \$25 per month. Enquire at Hoefer's. 7-1-tf

WANTED—A BOY OR YOUNG man for kitchen work; good opportunity to learn cooking; \$25. Hammond Lumber Co. Boarding House, Phone B. 2446. 7-4-tf

WANTED GOOD MAN IN EVERY locality; good pay; experience unnecessary to represent large real estate organization, write today. R. F. Loos Co., Des Moines, Iowa.

FOR SALE.

FOR SALE—20 AUTOMATIC nickel in the slot weighing scales, 1 electric nickel in the slot piano, set up and in operation in different saloons in the city; price \$200 cash; will bring in over \$100 a month. Address "B," Astoria. 6-4-tf.

\$2500.00 BUYS 160-ACRE DAIRY and fruit farm; three and one-half miles from best market in Oregon; fully stocked; terms. Address L. C. Smith, Newport, re. 7-4-4t

FOR SALE—ONE SIX MONTHS' scholarship in a Business College of Portland. Enquire Astorian office. 6-30-6t

FIRST-CLASS DENSMORE TYPE-writer, at half price; also light driving team, buggy and harness; together or separately. C. E. Barney, with Warren Packing Co., Astoria.

FOR RENT.

FOR RENT—FURNISHED AND unfurnished rooms; electric light and water. 454 Bond cor. 10th. 30-tf.

MISCELLANEOUS.

WANTED—TO BUY A HORSE; weight about 1250 pounds; not over 8 years old; must be good driver and gentle, also city broke. Address Astorian office. 6-9-tf.

HOUSE MOVERS.

FREDRICKSON BROS.—We make a specialty of house moving, carpenters, contractors, general jobbing; prompt attention to all orders. Corner Tenth and Duane streets.

LOST AND FOUND.

LOST—BUNCH OF KEYS; FINDER will please leave at the Astorian and receive reward. 7-7-2t

LOST—A 94-INCH MESH NET, marked F. N., near Sand Island. The finder will be rewarded if returned to the Union Cannery.

LOST—GOLD NECKLACE, JULY 4th; finder return to this office and receive reward 7-7-3t

LOST—BUNCH OF KEYS. FINDER pleasure return to Astoria office and receive reward. 7-5-tf

VETERINARY COLLEGE.

SAN FRANCISCO VETERINARY College; next session begins Sept. 15th. Dr. C. Keane, Pres., 1818 Market street. Catalogue free.

NOTICE.

BIDS ARE HEREBY ASKED FOR building a bridge across the mouth of the Necanicum, at Seaside, Oregon. Said bridge to be built according to plans and specifications prepared by W. A. Grondahl, now on file in the County Clerk's Office. Bids to be filed with the County Clerk on or before July 15, 1908. The Court reserving the right to reject any or all bids. By order of the County Court, J. C. CLINTON, Clerk.

PROPOSALS.

NOTICE IS HEREBY GIVEN that the undersigned will receive bids, at his office in the City of Hood River, Oregon, up to July 15th, inclusive, for transcribing and indexing all records of Wasco County in any way affecting real estate situated in Hood River County, all transcripts to be typewritten in record books to be furnished by Hood River County. Bids should specify the amount per folio of one hundred words for transcribing and indexing said records separately. A bond in the sum of three thousand dollars will be required to insure the faithful performance of the contract. The right is reserved to reject any or all bids. A. J. DERBY, County Judge of Hood River County.

TENTS

and camping utensils—See us before you take your outing. Hildebrand & Gor Old Bee Hive Bldg.

PROFESSIONAL CARDS.

ATTORNEYS-AT-LAW

CHARLES H. ABERCROMBIE Attorney-at-Law City Attorney Offices: City Hall

JOHN C. McCUE Attorney-at-Law Deputy District Attorney. Page Building Suite 4.

HOWARD M. BROWNELL Attorney-at-Law Office with Mr. J. A. Eakin, at 420 Commercial St., Astoria.

OSTEOPATHS.

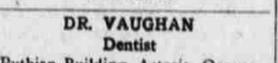
DR. RHODA C. HICKS Osteopath Office Mansell Bldg. Phone Black 2065 573 Commercial St., Astoria, Ore.

DENTISTS

DR. VAUGHAN Dentist Pythian Building, Astoria, Oregon

DR. W. C. LOGAN Dentist Commercial St. Shanahan Bldg.

TEETH Without Plates.



CHICAGO DENTISTS

COR. 11TH AND COMMERCIAL

Office hours—8:30 A. M. to 8: P. M. Sunday—10:00 to 12:00.

Phone Number Main 3901.

Painless Extractions - 50c

Corner Commercial and 11th Sts. over Danziger store.

BUSINESS DIRECTORY.

RESTAURANTS.

TOKIO RESTAURANT. 351 Bond Street. Opposite Ross, Higgins & Co.

Coffee with Pie or Cake 10 Cts. FIRST-CLASS MEALS Regular Meals 15 Cts. and Up.

U. S. RESTAURANT. 434 Bond Street.

Coffee with Pie or Cake, 10 Cts. First-Class Meals, 15 Cts.

FISH MARKET.

Seattle Fish Market

77 Ninth St., near Bond 'Fresh and Salted Fish. Game and Poultry. Groceries, Produce and Fruit Imported and Domestic Goods. P. Bakotitch & Feo, Proprs. Phone Red 2153

SCHOOLS AND COLLEGES

HOLMES BUSINESS COLLEGE

WASHINGTON AND TENTH STREETS PORTLAND, OREGON

WRITE FOR CATALOG The School that Places You in a Good Position

Behnke Walker

Largest, best, most thorough and up-to-date, Business College west of the Mississippi River. Three times as many calls for help as can fill. Graduates all employed. Each teacher is an expert in his line and has had ACTUAL BUSINESS experience. If interested call or write for catalogue "A." I. M. WALKER, President. O. A. BOSSERMAN, Secretary.

UNDERTAKERS.

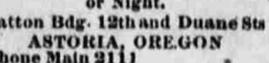
J. A. GILBAUGH & CO., Undertakers and Embalmers. Experienced Lady Assistant When Desired.



Calls Promptly Attended Day or Night. Tatton Bldg. 12th and Duane Sts ASTORIA, OREGON Phone Main 2111

MEDICAL.

Unprecedented Successes of DR. C. GEE WO THE GREAT CHINESE DOCTOR



Who is known throughout the United States on account of his wonderful cures.

No poisons or drugs used. He guarantees to cure catarrh, asthma, lung and throat trouble, rheumatism, nervousness, stomach, liver and kidney, female complaints and all chronic diseases. SUCCESSFUL HOME TREATMENT. If you cannot call write for symptom blank and circular, inclosing 4 cents in stamps.

THE C. GEE WO MEDICINE CO. 182 1/2 First St., Corner Morrison, PORTLAND, OREGON.

PLUMBERS.

JNO. A. MONTGOMERY PLUMBER

Heating Contractor, Tinner -AND- Sheet Iron Worker ALL WORK GUARANTEED 425 Bond Street.

E. C. YOUNCE AND W. F. BAKER PLUMBERS

Tinners, Steam and Gas Fitting. All Work Guaranteed. 126 Eighth Street, opp. Post Office. Phone Main 4061.

LAUNDRIES.

Those Pleated Bosom Shirts The kind known by dressy men in the summer, are difficult articles to launder nicely. Unless you know just how to do it, the front pleats won't iron down smooth, and the shirt front will look mussy. Our New Press Ironer irons them without rolling or stretching. Try it. TROY LAUNDRY, Tenth and Duane. Phone Main 1991

SCHOOLS AND COLLEGES.

UNIVERSITY OF OREGON SUMMER SESSION

JUNE 22 TO JULY 31, 1908 Courses in Biology, Chemistry, Education, English Literature, German, French, Spanish, History, Mathematics, Physics. Full corps of instructors. SPECIAL COURSES IN EACH DEPARTMENT FOR TEACHERS. For catalogue address the REGISTRAR, UNIVERSITY OF OREGON, CORVALLIS, OREGON