

WIRELESS AND OF TELEPHONE IS BEST IN HARD WIRE

No Haughty Central Can Tell You "Line Is Busy" When It Isn't, or Ignore You.

EXPERIMENTS ARE MADE

"Wireless Party" Held Down in Cellar of C. M. Allen's House Is Great Success.

By H. L. McKaghan Wireless telephoning beats the wire system with its haughty "central" all to pieces.

C. M. Allen, telephone engineer for the forest service, gave a wireless party for some of us down in the basement of his home Thursday night.

Mr. Allen turned on the juice. "Hello there Charlie," he said to his collaborator, a government man who had come to the Pacific coast.

Mr. Allen again turned on the juice. "Give us some music, Charlie. You've got an audience here."

Charlie furnished the music with record after record played on his phonograph. Charlie, by the way, doesn't want his real name.

Then Charlie talked to each and all of us and we all talked to him. We hadn't the least trouble getting him and with the exception of a little static that poked up once in a while and telegraphic code from a boat that was sailing down the river, the voice was most remarkably clear and had the wire "whined" a mile.

The radio man on the boat picked up the conversation but he could reply only in the telegraphic code, which he did, and the clicks came so loud they could be heard all over the basement.

Mr. Allen's family is as enthusiastic over the instruments as he. Buford will accompany his father to the mountain Saturday, Sunday and Monday, and will bring the instruments to Government camp and at Camp Blossom, the first place at which tests will be made.

Whether the forests and mineralized rocks will have any effect upon the radio waves is not yet known. If the wireless proves a success under mountain conditions, sets will be installed upon St. Helens and Rainier.

The instrument has a range of only eight miles for wireless telephony, but by using the telegraphic code, this distance can be extended to 20 or 30 miles.

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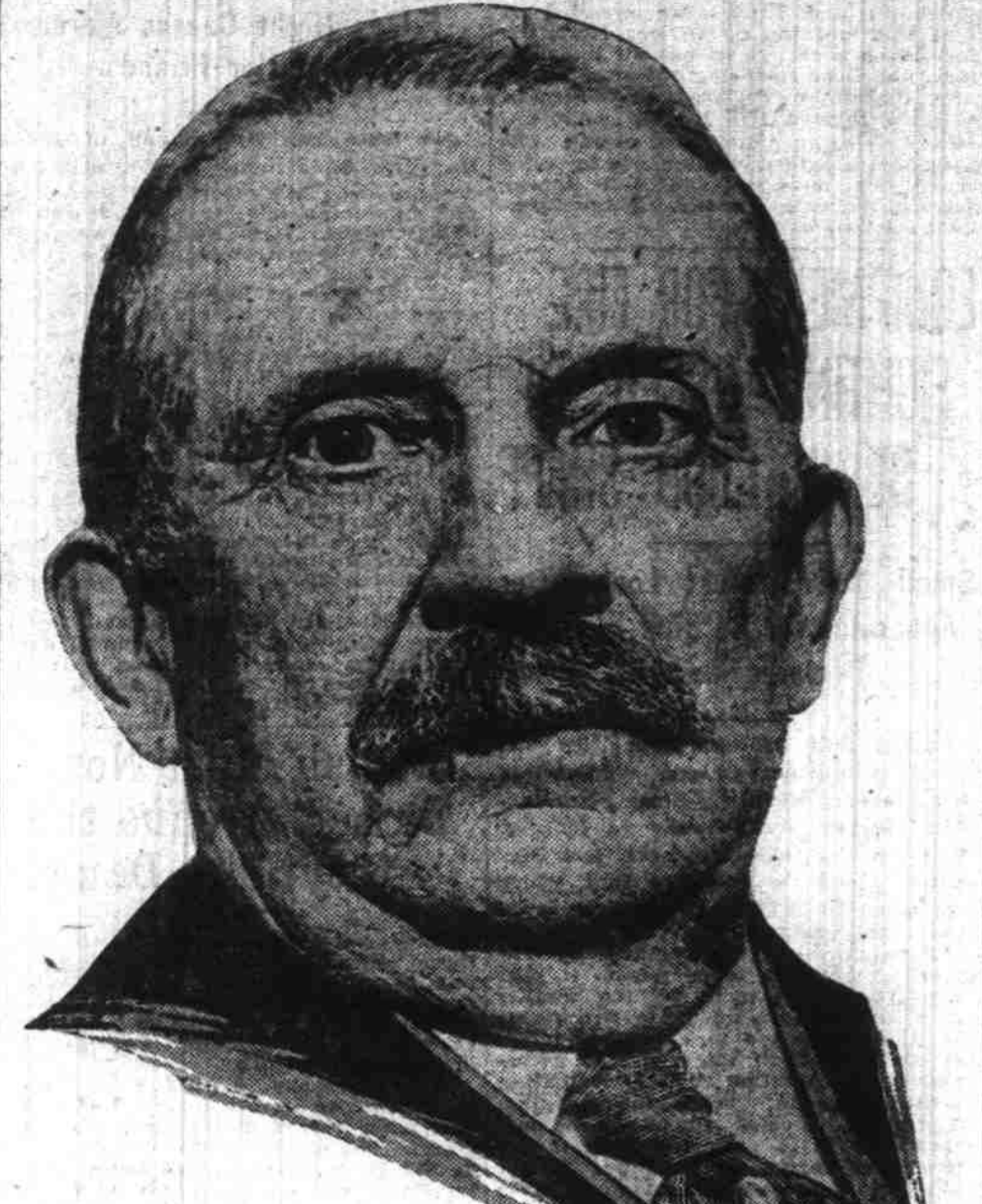
Chehalis, Wash., July 19.—Cider and other soft drinks sold in Chehalis and Centralia, when analyzed, were found to contain from 4.2 to 15.1 per cent alcohol. Warrants are out for seven storekeepers.

To Help Make Strong, Keen Red-Blooded Americans

Now Being used by over three million people annually. It will increase the strength of weak, nervous, run-down men, women, children, and the aged.

Ward Is Chimay's Brother Letters Reveal Romances

Charles W. Ward, San Francisco millionaire, and brother of the widely known Clara Ward, who became the Princess Chimay and later the wife of the violinist, Rigo.



Inherited Millions From Fortune of Their Father, a Michigan Lumberman.

Romance playing will of the wisp in the lives of brother and sister, bringing the sister international notoriety and involving the brother in a sordid barter for the love of his declining years, has been revealed as a strange double motif in the destiny of Charles Willis Ward and the late Princess de Chimay, the former Clara Ward of Detroit.

Ward, possessor of millions derived from the fortune of his father, a Michigan lumberman, is a brother of the Princess Chimay, it became known today.

Columns of sensational publicity sprang more than a decade ago from the escapades of the sister. The brother is now the center of similar interest, precipitated by his charge that Mrs. Alice Wilson of San Francisco performed an illegal operation upon her 22-year-old daughter, Ward's contract wife.

Ward's action against Mrs. Wilson disclosed a remarkable story of how the elderly millionaire entered a contract marriage with the young San Francisco girl under terms providing for the payment of \$100,000 at the end of a year, adoption of her two young sisters and payment to them of \$1000 a year each, and a promise of marriage when he obtained a divorce from his legal wife.

As a further result there were made public letters written by Ward to Mrs. Edna Pindexter, a young Portland widow, letters fervidly pleading for the return of a lost love.

CONSTRUCTIVE IDEAS KEYNOTE OF VICTORIA REALTY CONVENTION Aerial Flights and Banquet at Empress Hotel Special Features of Big Gathering.

By A. S. Johnson Victoria, B. C., July 19.—The third annual convention of the Interstate Realty association, held at Victoria, Thursday, Friday and Saturday, was the most successful in the history of the organization.

OPTEMISM IS KEYNOTE Optimism was the keynote of the convention and plans were matured for the development of the Northwest along scientific lines.

PORTLAND WOMAN FIRST Mrs. J. Fred Staver of Portland was the first applicant for the airplane trip. Mrs. Staver is enthusiastic in her description of the flight.

The banquet at the Empress hotel Friday night was attended by more than 500 delegates. C. T. Cross of the Victoria Realty league was chairman and toasts were responded to by Brigadier General E. P. Clark, H. H. Woven, D. D. of the University of Washington; Tom Ingersoll, secretary of the National Realty association; Fred E.

GREAT RESOURCES OF HIS STATE ARE TOPIC AT MEETING

Sixth Gathering of Citizens Interested in Waterfront Development Held at Central Library

NEW INDUSTRIES POSSIBLE Many Are Cited to Illustrate What Would Be Wonderful Result if Power Is Harnessed.

By H. S. Harcourt A sixth meeting of citizens interested in waterfront development was held in room F, Central library, Tuesday evening and another will be held in the same building next Tuesday evening.

Some of the new industries which could be established in Oregon, if large quantities of electrical power could be had at low cost, says the report, are as follows:

The electric production of iron and steel, the wood distillation industry with charcoal for the iron industry, obtained as a by-product, after extracting wood alcohol, acetic and oxalic acid, wood oil, turpentine, creosote and acetate of lime, from our stumps and waste wood products of our mills.

CLARA WARD'S ROMANCE Clara Ward first came into prominence with her marriage to the nobleman. But the interest aroused by the acquisition of a title by the wealthy and beautiful American girl was as nothing compared with the sensation caused by her desertion of Prince Chimay and her children and her elopement with James Rigo, the Gypsy violinist, who was known to many in Portland as the leader of the orchestra at the Louvre restaurant.

POWER AT LOW COST The report declares that "there is much power in Oregon which can be developed and furnished in the vicinity of the plant within the limit of from \$5 to \$10 per horsepower per annum."

Clark on Vacation A. G. Clark, manager of the Associated Industries of Oregon, has been granted a 15 day vacation by the directors, and on Thursday left for the mountains of Southern Oregon.

Window Displays of Home Products Plan Active members of the Progressive Business Men's club, M. E. Lee, chairman, will be zealously engaged during the coming two weeks in creating interesting window displays.

Russian Bolsheviks Taken on Charge of Operating a Still Salem, July 19.—John Vasseloff, Russian Bolshevik, and Marion county's original "moonshiner," according to allegations made by the sheriff's office here, was arrested late Friday night while roaming around in the "south bottom," a mile north of Salem and about half a mile from the scene of his recent alleged illicit distilling operations.

Yearning for Good Pies Caused Idea E. C. Scott liked pies—good ones. He is a connoisseur when it comes to pies. Once upon a time he was a theatrical man. He traveled. All the time he just yearned for good pies.

These Silk Elastic Garments are hand-woven by us to fit any and every need.

Enlarged (Varicose) Veins Old Strains and Sprains Weak Joints or Rheumatic Swellings A Support for Over-Fatness, Pregnancy or Appendicitis Operations A Strengthening Aid

Woodard, Clarke & Co. Wood-Lark Bldg., Alder at West Park Portland, Oregon

ROTARY MOTOR FOR AIRPLANES DEvised HERE

Claim Made That Portland Invention Extends Life of Aircraft Motors Many Hundred Hours.

POUNDING DONE AWAY WITH New Style of Engine Eliminates Piston Vibration and Renders Aerial Traveling More Secure.

When I began as an aviator 10 years ago at Everett, Calif., says Arthur L. Smith, 447 Sherbrook building, inventor and manufacturer of the hydro-gas turbine motor, built at East Eighth street and Hawthorne avenue, "the best airplane motor to be had could remain in the air not more than 30 or 40 minutes.

According to J. D. Ryan, head of the government airplane industry, Liberty motors, at present used almost exclusively by the government, have a life expectancy of 72 hours. It is considered unsafe to keep them longer in the air, he says, and in some cases their time is 60 hours, though one has been known to run 100 hours.

DIFFERENT WITH ROTARY "It was because I nearly lost my life while aviating that my mind was diverted to an effort to construct an airplane motor of every kind.

BUYERS' WEEK TO BE VERY BUSY ONE Manufacturers to Display Products; Pharmacists to Meet and Newspaper Men Entertained.

The week of August 4-9 will be a busy one in Portland. Manufacturers of all kinds will assemble their products in one building, so far as possible, that they may be collectively displayed for the inspection of outside merchants desiring to replenish their stocks.

For a second time the National Editorial association convention will assemble in this city, and the members will be entertained by the Portland Press club. The manufacturers, however, have been some time in making plans for their endeavor to make a worthy showing of their products, and in addition will liquidate the railroad fare of all visiting merchants who buy \$500 worth or more of their goods.

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Specialty Manufacturing SCREW MACHINE WORK

GEAR CUTTING DIES—Special Tools The finest and most varied machine tool equipment in the Northwest.

C. M. M. C. 984 East 17th Street Sellwood 100

THE W.G. McPherson Co. Nineteenth and Wilson Sts. SHEET METAL AND PLATE WORK FOR SHIPS

Hesse-Martin Iron Works 460-474 E. Taylor St. Engineers, Founders, Mechanics Marine Machinery, Contractors' Equipment Sawmill Machinery

Portland Stove Works MANUFACTURERS OF HIGH GRADE STOVES AND RANGES ASK YOUR DEALER

West Coast Specialty Co. MANUFACTURERS FURNITURE 100 NORTH FIFTH ST. PORTLAND, OREGON

PHOENIX IRON WORKS & FOUNDRY PORTLAND, OREGON. Engineers, Founders, Machinists, Roller-makers, Building and Structural Iron Works. Hottel for Quick and Satisfactory Repairs. We Guarantee Everything.

SPECIALTY FOUNDRY & MACHINE WORKS Small Brass and Iron Castings Contract Work Solicited E. 7th and Belmont. E. 3408

THE SILENT NIGHT MATTRESS Our new creation, filled with silk felt, sold at \$10 and built on the best of the BEST MATTRESS IN THE WORLD!

Davis-Scott Belting Co. Oregon Made Pure Oak Tanned Leather Belting 106-110-112 Union Avenue Tel. East 298. Portland, Oregon

WILLAMETTE PATTERN WORKS 241 East Water Street, Portland, Oregon PATTERNS AND MODELS OF EVERY DESCRIPTION HIGHEST GRADE WORK, OUR SPECIALTY

Portland Furniture Mfg. Co. Makers of COUCHES, LOUNGES, UPHOLSTERED FURNITURE MATTRESSES AND PILLOWS 1249-1259 Macadam Road Main 809-A-3513

Pacific Stoneware Co. 688 Sherbrook Ave. Portland, Oregon Everything in Pottery

COOPEY SAYS: Yes, it is true, he is closing up his tailoring business to go up on the Columbia River highway and sell some home and hotel sofas and develop some other things up there. And there are lots of developing needed in the west.

THE VAUGHAN MOTOR WORKS and FOUNDRY 471 EAST MAIN STREET Builds and repairs all kinds of machinery. Makes Vaughan's Celebrated DRAG SAWS, Produces FINE GREY AND SEMI-STEEL CASTINGS

ICE MACHINES ARMSTRONG'S From the Only Complete Factory in the Entire Northwest

AMERICAN BRONZE AND BRASS WORKS BRASS, BRONZE, COPPER, ALUMINUM CASTINGS

IMPROVED DRAG SAW A new idea in the chain, so important to a lumberman, that it will double the value of the sawing. Write for complete description. See us for Marine, Steam, Gas and Oil Engine Work and bring your repairs to us. We do them quickly, and have had long experience in the work.

Coast Engine & Marine Works Successors to Spiggle & Matovich Post of East Taylor St. Phone East 6644. Portland, Oregon

Mr. Advertiser YOUR CUTS CAN BE DUPLICATED AT A CONSIDERABLE SAVING. TRY OUR STEREOS, ELECTROTYPE OR MATRICES. PHONE MAIN 8134 FOR INFORMATION AND PRICES.

WHEN IN NEED OF SUCH THIS OREGON PAPER BOX FACTORY 241-245 Stark St. THE HOME OF THE BEST OREGON PAPER

F. Dielschneider, Prop. MAIN 1516.

Have you tasted KNIGHT'S NEW Rogue River CATSUP? It is delicious Ask your Grocer KNIGHT PACKING CO. Portland, Oregon

OREGON BRASS WORKS, INC. BRASS FOUNDERS AND MACHINISTS Bronze, Brass, Copper, Aluminum and Composition Castings, Finishing, Polishing and Plating—Sash Bars and Brass Railings Second and Everett Sts., Portland, Or. Phones—Broadway 1378, A-5374

Rasmussen & Co. Makers of Paints and Varnish N. E. Cor. 2d and Taylor Portland, Oregon

AUTO DOCTORS The Cure 'Em Quick, and for Real Results Consultation FREE! WILLAMETTE GAS ENGINE A. B. MACHINE WORKS East 8th and Burnside. East 808

BARRELS AND CASKS And All Kinds of Coopers at FINE BRASS COOPERAGE WORKS 128 Madison, Near Bridge. Main 8148

WESTERN TOOL AND DIE WORKS Established 1892 Third near Glisan. Andy Fritz, Mgr. The best equipped plant on the coast devoted exclusively to the manufacturing of PRESSED AND STAMPED SHEET METAL SPECIALTIES and Dies for producing them.

G. P. Rummel & Son 124 1/2 near Wash. St. Mfg. Furriers C. G. Applegate SUCCESSORS Estab. 1876. Main 491

Pendleton Woolen Mills Pendleton, Or. MANUFACTURERS OF Pure Fleece Wool Blankets Indian Robes, Steamer Rugs, Bath Robes and Auto Robes

"MADE IN OREGON" Portland Bolt & Mfg. Co. J. M. LEWELLYN, Mgr. 310 1/2 Street North Bols. Bolt, Upper Bols. Tools, Dies, Forging Buildings Iron of All Kinds. Main 6485, A-3282.

P. SHARKEY & SON Long Straw Horse Collars EASY OAK AND UNION AVES. Multnomah Trunk & Bag Co. Wholesale makers of Trunks, Suitcases, Bags, Valises, Auto Trunks, Etc. 80-82 E. Water St., Portland, Or. Phone East 24, B-2482.

Non-Skid Rubber Heels Light and Soft Best Fleece Mean 20 per cent More Wear Made in Portland Ask for Portland Non-Skid

IMPROVED DRAG SAW A new idea in the chain, so important to a lumberman, that it will double the value of the sawing. Write for complete description. See us for Marine, Steam, Gas and Oil Engine Work and bring your repairs to us. We do them quickly, and have had long experience in the work.

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