

Radio Industry Of Long Growth

The thrilling story of radio and the remarkable development of the radio manufacturing industry was related by Harry R. Daniel in a nation-wide broadcast over the Columbia Broadcasting System as a part of the Department of Commerce weekly series on great American industries.

Going back 3,000 years ago, Mr. Daniel stated that the first example of communication through the air by waves of light was originated by Queen Clytemnestra of Greece, who was awaiting the latest news from the siege of Troy. She arranged a marvelous system of signals through the air whereby a watchman on a mountain close to Troy lighted a signal which was seen by another watchman on an island far out at sea. By this system the news of the fall of Troy reached the Queen.

This method of communication was greatly improved in Napoleon's time, Mr. Daniel said, when long lines of semaphore towers were constructed. Strangely enough, this device was called the telegraph. And it was only 100 years ago that the United States congress considered building a similar system of semaphore signals from New York to New Orleans.

It was at this time that Samuel B. F. Morse, the inventor of the telegraph, became known. Upon hearing of the proposed plan to erect semaphores, Morse sent a full description of his invention to government officials, and later came to Washington to demonstrate his invention.

He installed his apparatus in the Capitol building, and messages were sent by telegraph from one room to another. President Van Buren and his cabinet witnessed his demonstration.

However, it was six long years before congress provided any money. Soon wires were strung across the land and cables were laid under sea. Men everywhere learned to depend upon the electric telegraph.

Following this, a young German named Heinrich made the sensational discovery that electric waves traveling through the air could be controlled.

According to Mr. Daniel, it was this discovery that led Guglielmo Marconi to invent the wireless telegraph when he was but 18 years old. In three years, at the age of 21, he had brought his invention to the point where with great pride he offered it to the Italian government. His offer was refused. The next year, 1896, he went to England where he was granted the first wireless patent.

The first use of Marconi's wireless was restricted to ships at sea. One Christmas eve, just 31 years ago, wireless operators throughout the broad Atlantic were exchanging greetings of the season in Morse code. Suddenly, out of the air, came the thrilling call "CGD! CQD!" — the signal for attention. On every ship operators sprang to their instruments thinking that somewhere a vessel was in danger. Then out of the night came across the sea a woman's voice singing a Christmas carol. Thus, across the tumbling Atlantic that night went forth the world's first radio broadcast.

Today four great national networks provide education, music, entertainment and news to practically the entire population of the United States. Eight out of ten families own a radio which they use for an average of four and one-half hours a day. As a result, the American manufacture of radio equipment has become a great industry.

Last year there were over 50,000 skilled workers in the radio manufacturing field, Mr. Daniel said, in addition to thousands of salesmen and other employes indirectly connected with the industry. Close to 9,000,000 new sets valued at \$500,000,000 were sold and nearly \$30,000,000 worth of equipment was sold to customers in foreign countries.

The whole field of radio is crowded with marvels, he asserted, pointing to the wonders of new equipment whereby pictures and documents can be transmitted by radio, and other startling improvements. He added:

"The steady development of the radio art, which has already given to the radio owner such improvements as automatic control of volume and tone, all wave, noise reducing aeriels, and high fidelity reception, will continue to make available the best radio sets in the world to every American.

"In the future it may be possible to set one's radio in advance, like a time clock, for an entire week and have whatever programs are wanted automatically played each day.

"There is also the new silent radio which transmits a program through the bones of the body, thus making the sound perfectly audible to one person while it cannot be heard by a person sitting only a few feet away. The silent radio can also be heard by many deaf persons and it is particularly well adapted for use in hospitals."

Ely Dedicates New Building

The new federal building in Ely was dedicated Monday, July 5, with Congressman Scrugham delivering the dedicatory address.

Judge James M. Lockhart delivered an address, Mayor J. H. Gallagher welcomed the gathering, stating that the dedication of the building marked the conclusion of seven years of effort.

Vail M. Pittman, president of the Ely Chamber of Commerce, presided at the meeting and introduced the speakers.

The Grand Lodge, F. and A. M. of Nevada, was especially convened in Ely for the laying of the corner stone with Grand Master Merwyn H. Brown of Winnemucca being in charge.

Lodge was opened at the Masonic Temple with the following Grand Lodge officers being present: Grand Master Brown; Grand Secretary Ed C. Peterson, Carson City; Grand Chaplain Rev. M. J. Hersey, Carson City; Grand Bible Bearer C. P. Hoskins of Winnemucca, and Grand Historian C. W. Torrence of East Ely.

Other acting Grand Lodge officers for the meeting were appointed as follows: C. W. Torrence, deputy grand master; Past Master W. R. Overfelt, senior grand warden; Past Master Ralph Crosser, junior grand warden; Judge Ben W. Coleman, past grand master of Nevada, grand treasurer; Past Master David P. Bartley, senior grand deacon; J. L. Peraldo of Winnemucca, junior grand deacon; James G. Scrugham, grand orator; Worshipful Master Clarence Knous of Ely Lodge No.

29, grand marshal; Past Master George P. Annand, grand organist; W. K. Field, grand sword bearer; Lawrence Huffer, grand standard bearer; Charles H. Russell, grand pursuivant; Walter R. Inwood, grand historian; Past Master N. H. Chapin and E. N. Stock, grand stewards, and Past Master Harold Jackson, grand tiler.

When lodge was convened Congressman James G. Scrugham, prominent Mason of Nevada, was introduced by Grand Senior Deacon Bartley and welcomed by Grand Master Brown and the members of the order present.

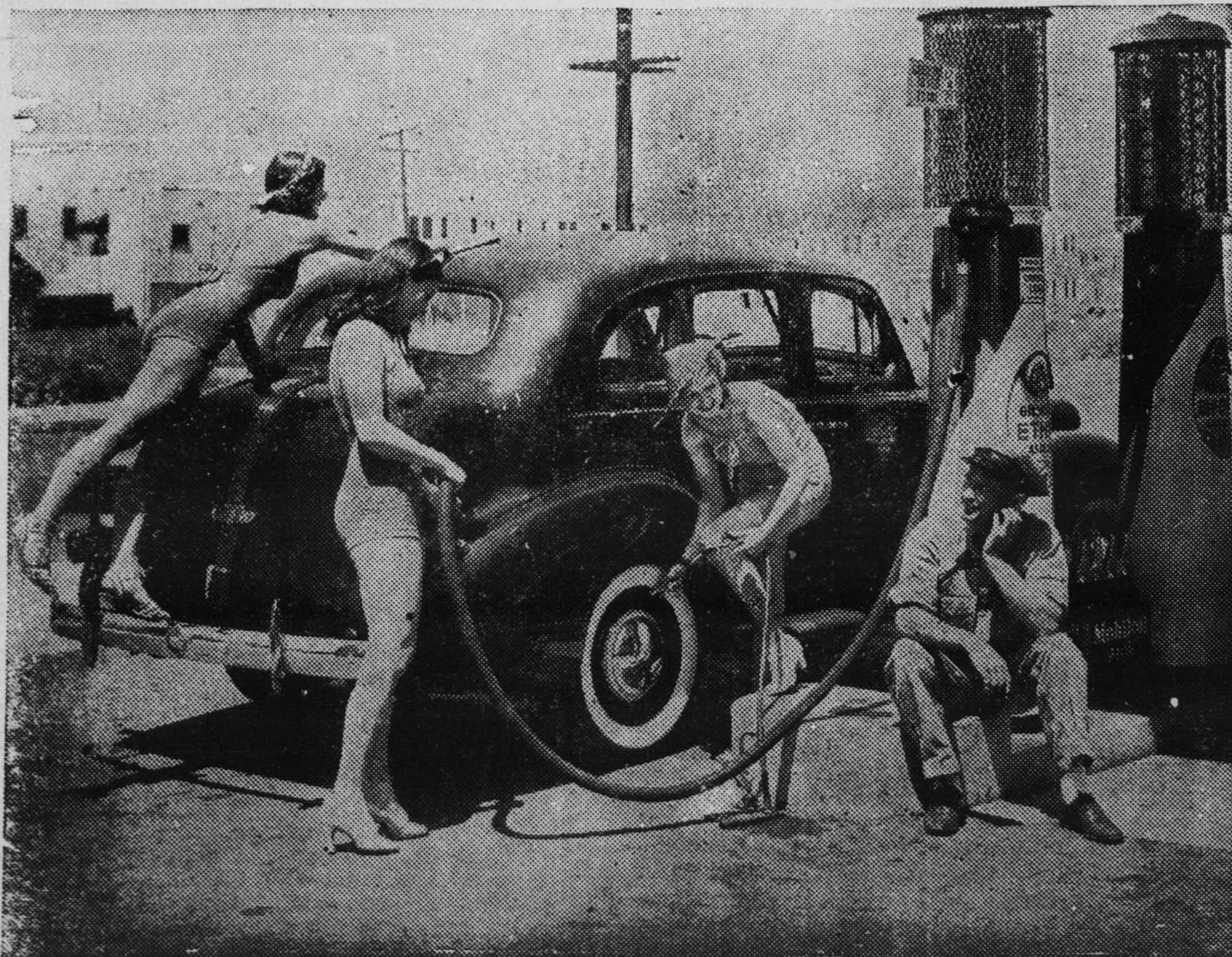
Led by the Ely Commandry No. 6, Knights Templar, of which Walter S. Larsh is commander, the Masons paraded to the site of the new post office, where the time ancient ceremony of laying of the corner stone was observed, M. T. Collins member of the local Masonic lodge, assisting in the physical laying of the corner stone.

Signal Honors To Capt. Hall

The war department has conferred a signal honor on Capt. Charles L. Hall of Boulder City for his outstanding services in organizing and leading the parties engaged in the rescue of the Prettyman party at the Kelly mine last January.

The Soldier's medal, which the department has awarded to Capt. Hall, is rarely given and then only to those who have displayed great heroism in the performance of their duty.

The medal will be formally presented in the near future by General Walter C. Sweeney of Fort Douglas, Utah.



THE STATION ATTENDANT'S DREAM . . . While attendant a rest while they furnished their own service. Left to right they are Betty Greene, Norma Thelan and Pauline Pryor.