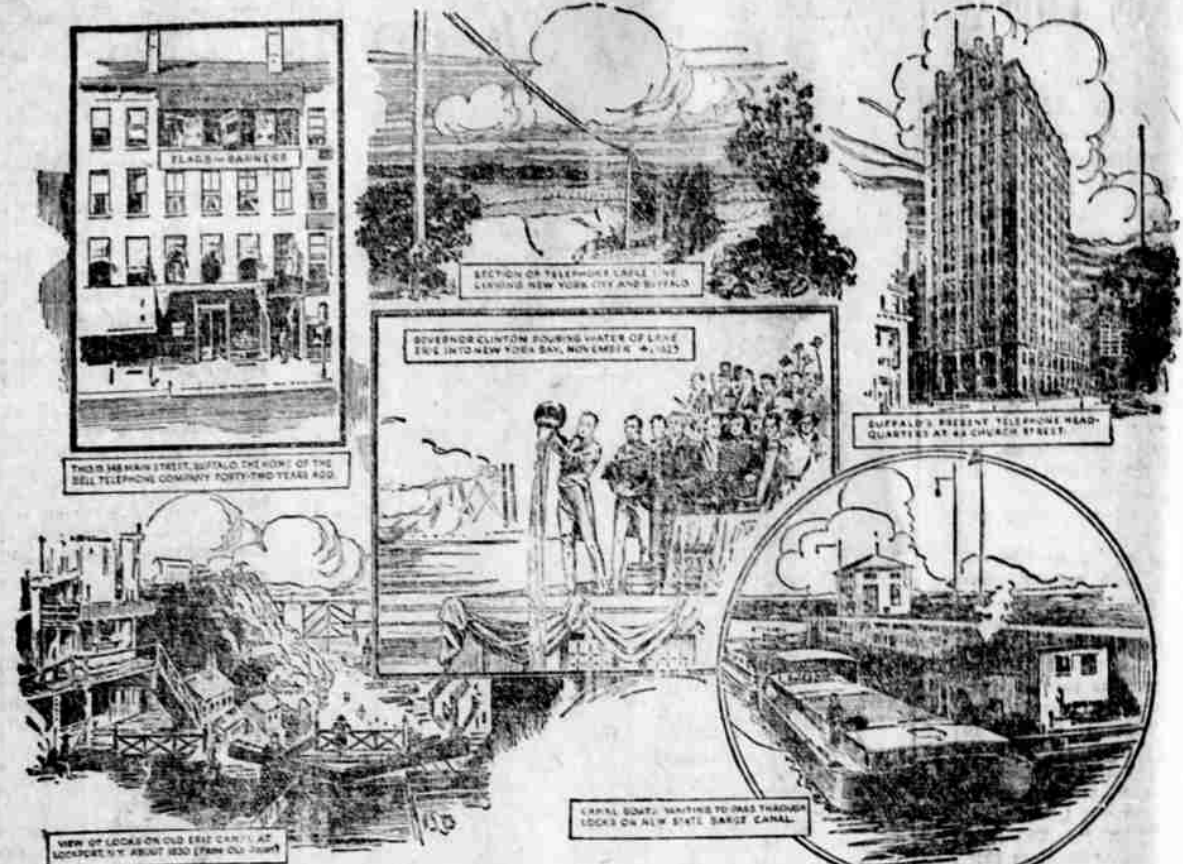


Vast Strides in Art of Communication Since Series of Cannon Shots Carried News of Erie Canal's Opening



By JOHN D. O'BRIEN

ONE hundred years ago, on the morning of October 23, 1825, a cannon was fired in Buffalo, N. Y.

A little further east, just within hearing distance, another cannon boomed forth as soon as the report from the first one was heard. At regular points there-fer, through Western New York, along the Valley of the Mohawk and down the Hudson, other cannon, one after the other, sent forth their message until finally the cannon out at Sandy Hook was fired.

And thus New York City learned that the Erie Canal was open to traffic and that the first boat had left Buffalo with passengers and freight.

It was an epochal event, the opening of the Erie Canal, and was undoubtedly the most important news item of the period, marking a beginning of a new era in the development of the country. In those days means of communication were slow and few, but through the use of the cannon the opening of the Canal was announced in a dramatic and unique manner. The first boat entered the Canal at Buffalo at 10 o'clock in the morning, when the cannon at the entrance to the Canal was fired. The news was then flashed from village to village and from city to city by the succession of the reports of cannon across the state, so that the news was carried from Buffalo to New York by just one hour and twenty minutes. When the final cannon was fired in New York the order was

reversed, and in another hour and twenty minutes Buffalo knew that New York had received the message.

Thus a new record was established for the quick transmission of news.

This occurred over twelve years before Morse invented the telegraph, six before the first railroad was operated in the state, and half a century before Alexander Graham Bell invented the telephone. Now, the art of communication has developed to such an extent that a man may talk in New York and be heard half way around the globe.

From the transmission of news by cannon shot to the sending of the human voice over telephone wires there came an era which was marked by many milestones of scientific achievement. It was not until March 10, 1876, however, that the first complete transmission of speech was transmitted over telephone wires. The first conversation by overhead lines occurred on October 3 of that same year. At that time Alexander Graham Bell, the inventor of the telephone, talked with his assistant, Thomas A. Watson. Bell was in Boston and Watson was in Cambridge. It was the first time the telephone had been tested out of doors, and naturally there was considerable speculation as to just how it would work. It worked, and worked so successfully that the young inventor and his helper continued their experiments with even greater zeal. Soon they were ready for a public demonstration between Boston and Boston, a distance of eighteen miles. This was then referred to as the first long distance conversation in the world.

From that time on developments were rapid. Lines of communication were established and the range of conversation slowly lengthened, until, in 1859, Boston and Providence, a distance of forty-five miles, were connected by telephone. A line between New York and Boston was opened in 1884, and between New York and Philadelphia in 1886. Extensions were also begun westward, but it was not until December of 1888, sixty-two years after Buffalo sent its message by cannon fire, that the official opening of the Erie Canal, that the human voice first traveled across the state and down the Hudson River.

Today Buffalo can talk with any other American city or town. Distance is no longer a barrier. A full decade has passed since the human voice succeeded in crossing the continent, in fact it is possible now to talk between Havana, Cuba, and Catalina Island, via submarine cable, overhead and underground lines—a distance of 5,500 miles.

With the advance in the development of the transmission of speech there came also important discoveries and inventions which tended to perfect the quality of the transmission. Telephone instruments were improved, changes made in switches and other central office equipments and in cable and line apparatus. The loading coils, the carrier multiple telephone and telegraph systems and phantom circuits came into vogue, but perhaps the most fundamental invention in extending the range of transmission and in improving its quality was the vacuum tube repeater which receives weak tele-

real property hereinafter described, adverse to plaintiff, and that upon hearing before this court such claim be determined by decree herein.

2.—That the defendant and all persons claiming by, through or under them, and all persons or parties unknown claiming any interest whatsoever therein, be forever barred and enjoined from asserting any claim, right, title, lien, interest or estate adverse to plaintiff in and to said property or any part thereof;

3.—That plaintiff's title to said property be quieted, and freed and cleared from any clouds thereon, and that plaintiff be decreed to be the absolute owner in fee of said property, to-wit:

Lots 5 and 6, except the north 8 1/2 acres to Gaddes, Section 2; and lot 2, section 3, twp. 37 S., range 7 E., W. M., containing 82 acres more or less, in Klamath County, Oregon.

4.—And for such further relief as in equity may seem meet and proper, including judgment for costs.

WM. MARX,
Attorney for Plaintiff, 214 Wil-
lits Bldg., Klamath Falls, Ore.
N74.D1.8.15.22.29.25

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MARX TO DEFEND CRAVER IN U. S. FEDERAL COURTS

Today William Marx, local attorney, will leave for Portland. There, at the old post office building, he will appear as defense counsel for Dr. R. D. Craver, Klamath Falls physician, charged with violating the Harrison anti-narcotics drug act of 1914. Craver will be arraigned in federal court.

Craver, along with Walter Davis, of this city, was arrested a few days ago for breaking the drug law.

Craver's bail was set at \$10,000 and Davis' at \$5000. Neither raised the money.

Narcotics men say that Klamath Falls' conditions are bad as regards the use of drugs.

Big shipment of new Spectacles to sell at \$18.75 and \$19.00 just received at Ben Begin's Dr. Shop. D29-J

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Name

Rural Route

City State

Legal Notices

SALE OF STATE TIMBER

Notice is hereby given that, pursuant to the provisions of Chapter 85, General Laws of Oregon, 1925, the State Land Board hereby offers for sale and will sell the timber on the following described lands of the state of Oregon, situated in Klamath County, to-wit:

SE 1/4 and W 1/4 NE 1/4, Sec. 25, T. 37 S., R. 11 E., W. M.

SW 1/4 NW 1/4, SW 1/4, W 1/2 SE 1/4 of Sec. 28; all Sec. 29; E 1/2 and E 1/2 W 1/2 Sec. 30; NE 1/4, Sec. 31; NE 1/4 SE 1/4 and Lot 4, Sec. 32; S 1/2 NE 1/4, SW 1/4 NE 1/4 and SW 1/4 NW 1/4, Sec. 33; Lots 3 and 4, Sec. 34; T. 37 S., R. 12 E., W. M.

Lots 3 and 4 and S 1/2 NW 1/4 Sec. 2; Lots 1 and 2 and S 1/2 N 1/2 of Sec. 3; Lots 1, 2, 3, 4, and S 1/2 N 1/2 and N 1/2 SW 1/4 Sec. 4; Lots 2 and 3 and SE 1/4 NW 1/4 of Sec. 5, T. 38 S., R. 12 E., W. M.

Sealed bids for the purchase of the timber on all of said lands in one body will be received by the board at its office in the Capitol Building, Salem, Oregon, until the 26th day of January, 1926, at 11:00 o'clock A. M.

No sale of said timber will be made at less than the appraised value thereof, which is as follows: yellow pine 28,665,000 feet, appraised value \$3.50 per thousand feet; white fir 825,000 feet, appraised value 50c per thousand feet; incense cedar 185,000 feet, appraised value \$1.00 per thousand feet.

Terms of sale: Certified check for 25% of the amount of bid shall accompany each bid, same to be retained by the board as the first payment on the purchase price. If bid is accepted: a further pay-

ment of 25% of said price shall be made before any of said timber is cut; and thereafter 25% of said price annually in advance of the cutting of timber.

Minimum price at which said timber may be sold: yellow pine, \$3.50 per thousand feet; white fir 50c per thousand feet; incense cedar \$1.00 per thousand feet.

The board reserves the right to reject any and all bids, if same be unsatisfactory.

The successful bidder, upon approval of the sale, shall execute to the board a good and sufficient surety bond in an amount equal to not less than the sale value of said timber, which bond shall contain stipulations as to observance of the state forest fire laws and shall be in form to be approved by the board.

Address bids to G. G. Brown, Clerk, State Land Board, Capitol Building, Salem, Oregon.

Dated at Salem, Oregon, this 28th day of Nov., 1925.

STATE LAND BOARD,
By G. G. BROWN,
Clerk.
D1.8.15.2229-15

SUMMONS

Equity No. 2033
In the Circuit Court of the State of Oregon, for Klamath County
Elizabeth Fench, Plaintiff, vs. Liberty Lumber Co.; Louise Haefler; Mrs. L. Sherman; E. D. Gettelman and Augusta Gettelman, husband and wife; and all other persons or parties unknown claiming any right, title, interest, estate or lien in the real property described herein. Defendants.

To Liberty Lumber Co.; Louise Haefler; Mrs. L. Sherman; E. D. Gettelman and Augusta Gettelman, husband and wife; and all other persons or parties unknown claiming any right, title, interest, estate or lien in the real property described herein, Defendants:

In the name of the State of Oregon: You and each of you are hereby required to appear and answer

the complaint filed against you in the above entitled suit within six weeks from the date of first publication of this summons; and if you fail so to answer on or before January 5th, 1926, for want thereof, plaintiff will apply to the court for the relief prayed for in her complaint, to-wit:

1.—That the defendants and each and all of them be required to set forth the nature of any claim, right, title, estate, lien or interest, which they may claim to have in or to the

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