

# EDWARD STANNARD AND NELLIE M. BEAVER MARRIED

The home of Mr. and Mrs. A. M. Beaver, on Iowa street, was the scene of a very pretty wedding last evening at 8:30 o'clock, when about 50 people gathered at the invitation of Mr. and Mrs. Beaver to witness the marriage of their daughter Nellie to Edward M. Stannard.

The affair was the culmination of an attachment dating back to the high school days of the bride and groom, a fact which gave the wedding a somewhat unusual interest for many of their friends. Ideal weather and a wealth of June floral furnishings combined with other happy circumstances to make the occasion a rare one.

Preceding the ceremony, Miss Florence Allen sang with appropriate feeling, De Koven's beautiful composition, "O Promise Me." Mrs. Helen Walker Mack, at the piano, contributed a delightful portion of the evening's musical needs.

Accompanying the opening strains of Mendelssohn's wedding march, the bridal party descended the stair, led by the Rev. C. A. Edwards, followed immediately by the four bridesmaids, and they in turn by the bride, escorted by her father. The groom and his best man, Mr. Meredith Beaver, met the procession under a floral arch, where the impressive ring ceremony was read by Rev. Edwards, and concluded by a short prayer offered by Mr. John Beaver, an uncle of the bride.

The bride was dressed in a lovely gown of white crepe and silver lace, with a train and veil of plain silk net. She carried a bouquet of white roses and sweet peas, while her attendants carried pink roses with white sweet peas, and were gowned in dainty pink organdie. All floral decorations were likewise pink and white.

Those who did honor as bridesmaids were the Misses Minnie Beaver and Amy Stannard, sisters of the bride and groom, and the Misses Winifred Spencer and Jessie Thatcher, intimate friends of the bride.

Following the ceremony delicious refreshments were served on the lantern-lit lawn, by Mrs. Beaver and her daughter, Mrs. Walter Herndon, assisted by Mrs. Stanley Robinett, Miss Calla Biegel and Miss Vida Bradshaw. This portion of the evening was enlivened by the arrival of a band of unbidden guests, who, after receiving royal treatment at the ice cream table, retreated in good humor.

Mr. and Mrs. Stannard were recipients of many beautiful gifts and hearty good wishes, bestowed by their friends. They will make their home in California, whither they departed late in the evening.

## PRIZE WINNERS AT TELEPHONE PICNIC

Following is a list of prizes, the donors and the winners of the same, as awarded at the picnic Sunday of the telephone company employees:

Suggs, sport hat, Miss Watson, Medford; Elhart's drug store, perfume, Martha Foster, Ashland; Porter's confectionery, two boxes cigars, Mr. Vance, Medford; Dickerson's paint shop, furniture polish, Mrs. Aikins, Ashland; Stock's, picture, Mrs. Hubbard; Holmes Grocery, souvenir of Ashland, Mrs. Kaiser, Medford; Plaza Market, three pounds of coffee, Mrs. Kaiser; Simpson's Hardware, baseball, Bobby Hammond, Medford; Mitchell's Clothing, one tie, Mr. Tucker, Eugene; Ashland Studio, picture, Mrs. Hubbard, Ashland; Plaza confectionery, box of candy, Miss Randall, Grants Pass; Provost Hardware, clock, Mildred Carlton; Isaac & Co., beads, Emma Murphy; Kay and Morrison, spot light, Myeta Otterdale, Medford; Nalinger & Warner, knife, Mr. Middleton, Medford; McGee Dry Goods, silk stocking, Miss Nycenger, Medford; Rose Bros., box of candy, Ashland operators; Johnson, Jeweler, opera glasses, Miss Casertey, Medford, cut glass jam jar, Miss Johnson, Medford; Plummer's grocery, three bottles olives, Mrs. Kaiser, Medford; Darling's Studio, picture, Bessie McMullan, Medford; Golden Rule, two ties, Francis Call and Dom Provost, Ashland; East Side Pharmacy, box of powder, Mrs. Colby, Medford; Enders grocery, 25 pounds sugar, Mr. White, Medford; Enders dry goods, men's dress hat, Dom Provost, Ashland; Hodkinson, silver pencil, Mr. Wyman, Eugene; Class A Garage, 1925 fair sign, Mrs. Renard, Medford; McNair drug store, box stationery, Marguerite Ludlow, Ashland; Swenson & Mc-

# RADIO

## CIRCUIT WITH GRID LEAK RESISTANCE

### Takes Place of "C" Battery—How Impedance of Flow Is Determined.

Fig. 13 shows a set of curves for a three-electrode vacuum tube circuit containing a grid leak resistance as shown in Fig. 11 instead of a "C" battery with the same symmetrical alternating difference of potential applied to the grid circuit.

There being no "C" battery potential applied to the grid, the grid in Fig. 11 is normally at zero potential with respect to the filament. As the positive half of the first cycle of the alternating difference of potential is impressed upon the grid circuit—see Fig. 13—the grid is made positive

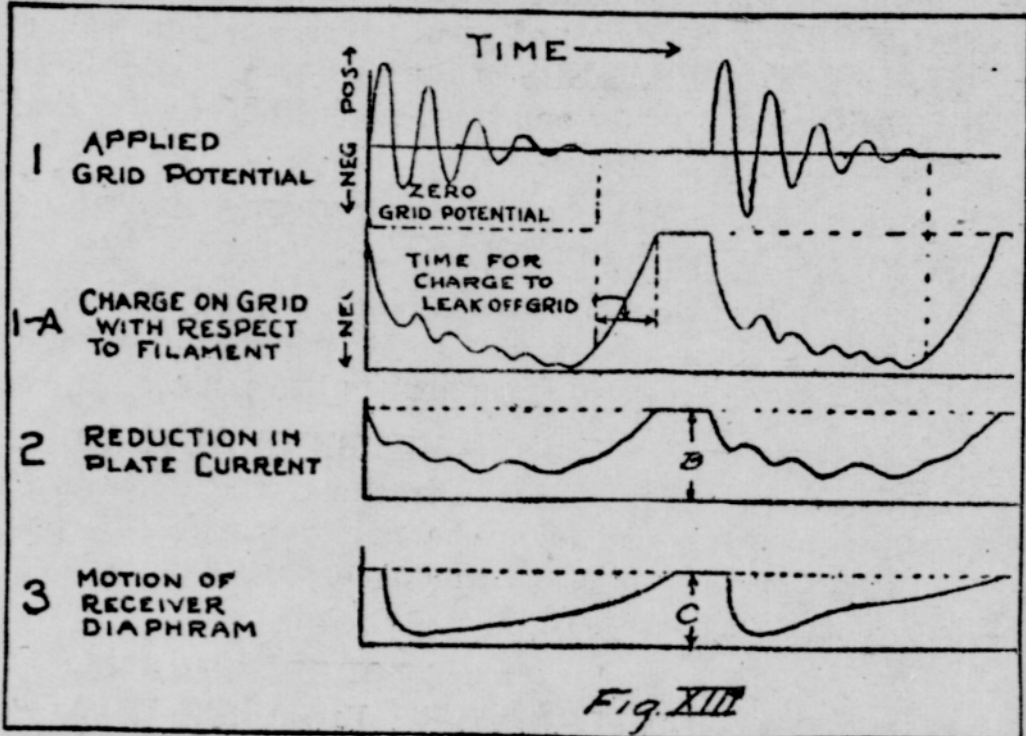


Fig. 13

with respect to the filament. Being positive with respect to the filament, causes a certain number of electrons, which are negative charges, to be attracted and caused to give up their negative charges to the grid. During the next or negative half of the cycle of the applied grid potential the grid is made negative with respect to the filament but does not lose the electrons again. Thus a negative charge is built up on a grid during the positive portion of each cycle, the cumulative effect of which is to produce a decrease of the plate current, during the period that the alternating difference of potential called a wave train is applied to the grid.

After the alternating difference of potential applied to the grid has ceased, the grid does not immediately lose its negative charge. The grid leak forms a high resistance path for the negative charge of the grid to leak off down to the filament slowly. If no grid leak were used, the grid

would soon collect a sufficient negative charge to reduce the plate current to zero and the tube would cease to function.

A grid leak having too low resistance will not allow a sufficiently high negative charge to collect on the grid, resulting in a very small plate current reduction and weak response in the telephone receivers.

On the other hand, if the grid leak is of too high resistance, too high negative charge will collect on the grid and the condition of no grid leak will be approached.

In any electrical circuit that has a difference of potential applied to it, the current that will flow depends upon the "impedance" of that circuit; just as in the flow of water through a pipe, the quantity of water that will flow when any given pressure is applied depends upon how much the flow through the pipe is impeded by the friction of the particles of water against the sides of the pipe and against one another.

In the electrical circuit, the relation between these three quantities is that the current which will flow is equal to the applied difference of potential divided by the impedance, where the current is in amperes, the applied difference of potential is in volts and the impedance in ohms. On

transposing this equation the impedance is equal to the applied voltage divided by the current. The impedance of a vacuum tube plate circuit, internally between the filament and the plate, when the grid is at zero potential, is an important constant of a vacuum tube and is called the internal plate impedance.

The internal grid impedance of a vacuum tube used in a radio set as a detector determines the impedance of the telephone that will give best results when connected in the plate circuit of that particular tube.

It is then not only the resistance of a pair of telephones, but also the inductance and the distributed capacity of the winding that cause the maximum current to flow in the telephones for a given change in grid potential. The internal plate impedance of a vacuum tube varies only slightly with different plate voltage. It is more an inherent characteristic of the tube which is determined by the design.

## KLAMATH FALLS SELLS ROAD BONDS AT PREMIUM

KLAMATH FALLS, June 28.—Award of the \$400,000 Klamath county road bond issue was made late yesterday afternoon to the Anglo-London Paris company of San Francisco, represented here by Howard G. Park, Herbert Fleishacker, head of the Klamath Development company, is president of the bond house. The offer for the bonds was par and accrued interest, and a flat premium of \$4730, bonds to bear 5 1/2 per cent interest.

## BEND FIRM MAY INSTALL PIPE PLANT IN KLAMATH

KLAMATH FALLS, June 29.—A permanent plant for the manufacture of sewer and drain pipe, representing an investment of \$15,000, and employing about ten men, will be established here, providing the Bend Clay Pipe company succeeds in getting a contract for the sewer pipe to be laid in the sixth sewer unit under the contract awarded to G. C. Loranz. This is according to C. H. Knowles, of Bend, representing the company here.

## NO MORE SUNDAY MOVIES WILL BE SHOWN IN WEED

WEED, Calif., June 29.—Sunday night a notice was flashed on the screen at the Club theatre that effective at once, the Sunday night shows would be discontinued. The Club theatre is owned and operated by the Weed Lumber company. No reason is given for the discontinuance of the Sunday night pictures.

# BUSINESS AND PROFESSIONAL

One cent the word each time.

## HELP WANTED

**THE WEED LUMBER COMPANY.** Weed, Calif., are now in full operation for the season of 1922, and are employing common labor as well as experienced hands in their mills, sash, door and box factories at Weed, California. The employment is steady, living conditions excellent, with good chances for advancement for deserving employees. All interested communicate directly with Employment Department, Weed Lumber Company, Weed, Calif. 224-2f.

**WANTED BY WEED LUMBER CO., WEED, CALIF.**—Timber fallers to contract combined falling, bucking and limbing. Good earnings can be made and living conditions are of the best. Cottages are available for families. Interested parties communicate direct with Weed Lumber Company, Weed, California. 251-12

**WANTED**—At once, experienced dishwasher and waitress. Nelda Cafe. 252-2f

**WANTED**—Steady work for the right man. Lithia Bakery. 253-2

**WANTED**—Female help. Home Bakery, 69 North Main. 253-2f

**INTERURBAN AUTO CAR CO. (Effective January 1, 1922) Daily (Except Sunday)**

LV. MEDFORD	LV. ASHLAND
7:00 a. m.	7:00 a. m.
8:00 a. m.	8:00 a. m.
9:00 a. m.	9:00 a. m.
10:00 a. m.	10:00 a. m.
11:00 a. m.	11:00 a. m.
12:00 noon	12:00 noon
1:00 p. m.	1:00 p. m.
2:00 p. m.	2:00 p. m.
3:00 p. m.	3:00 p. m.
4:00 p. m.	4:00 p. m.
5:00 p. m.	5:00 p. m.
6:00 p. m.	6:00 p. m.
7:00 p. m.	7:00 p. m.
8:30 p. m.	8:30 p. m.
9:30 p. m.	9:30 p. m.
10:30 p. m.	10:30 p. m.

**ASHLAND-ROSEBURG STAGE Daily (Except Sunday)**

LV. ASHLAND	LV. ROSEBURG
7:00 a. m.	8:30 a. m.
12:00 noon	2:00 p. m.

**MEDFORD-GRANTS PASS Daily (Except Sunday)**

LV. MEDFORD	LV. G.T'S PASS
7:45 a. m.	7:30 a. m.
1:00 p. m.	1:00 p. m.
4:45 p. m.	5:30 p. m.

**Sunday Only**

10:00 a. m.	10:00 a. m.
4:30 p. m.	4:30 p. m.

**HAY FOR SALE**—By G. F. Billings. FOR SALE—Well improved 20 1/2 acre farm, with good buildings, stock and implements. One mile from Ashland, on East Main St. See owner, R. Scheideretter, Rte. 1, Box 173. 228-1mo\*

**FOR SALE**—Just completed, new, modern five room bungalow on Boulevard, built-in features. Telephone 213. Rose Bros. 247-10

**FOR SALE**—Auto sleeping bed, will fit Ford or Chevrolet cars. Phone 213. 243-7

**FRYERS**—Eight weeks old, 25c. Phone 10-F-3. J. Froboes, Bellevue. 251-6

**FOR SALE**—40 acres woodland, cheap, three miles from city. See owner. Address 896 Boulevard, 252-6\*

**GET YOUR FRYERS** for the Fourth at my poultry yards, 25 cents each. W. E. Reed, 298 Avery St. 253-2\*

**FOR SALE**—Two acres, irrigated, fruit, berries, nuts, seven room house, good barn, garage, ideally located only 4 blocks from city library. Take a look at this before buying. Must sell in next 60 days. Phone 461-J. Owner. 253-6

**FOR SALE**—1918 Studebaker \$375. Cleveland motorcycle 1920 model, \$100. Phone 40. Robison Garage. 253-2

**FOR SALE OR TRADE**—Autos, five or seven passenger cars, half price and in fine shape. Call 6 p. m. 29 So. Pioneer Ave., city. 253-3\*

**WHICH is the big mileage tire of today? All over the country men are talking right now of the remarkable wearing quality of Fisk Tires. The reasons are obvious. Look over any Fisk tire and judge for yourself. You are bound to find extra size, strength and resiliency and with these, good looks and a tread that gives real protection.**

*There's a Fisk Tire of extra value in every size, for car, truck or speed wagon*

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Eight Miles from the Caves  
EXCELLENT ACCOMMODATIONS FOR TOURISTS AND CAMPING PARTIES

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Special Chicken Dinner Every Sunday—\$1.00  
Last stopping place before reaching Caves  
Stay overnight with us

## This Is Your Last Week to Get a Ford Car Free

FRIDAY AND SATURDAY SPECIALS

- 50 tickets with a sack of Sugar
- 10 tickets with a sack of Flour
- 5 tickets with a Broom
- 5 tickets with a dozen Fruit Jars

Buy them now for you will want them soon

FRESH CHINOOK SALMON TODAY

## PLAZA MARKET

61 NORTH MAIN STREET

## FORD TICKETS

The remainder of the week we will give Ford Tickets according to the following schedule:

- With every business transaction—1 ticket.
- With every deposit—5 tickets.
- With every new account opened—10 tickets.
- With every new account opened, the initial deposit being more than \$100—15 tickets.

"NOW" is a good time to start.

## The Citizens Bank of Ashland

Ashland, Oregon

## RAE, GLASS DISH, MISS DUNCAN, GRANTS PASS; DETRICK'S, TWO POUNDS COFFEE, MYETA OTTERDALE, MEDFORD; MURPHY ELECTRIC, ELECTRIC CUPID, MYETA OTTERDALE, MEDFORD; FORD GARAGE, \$5 IN TRADE, MR. RENARD, MEDFORD; IDEAL GROCERY, 10 POUNDS SHORTENING, MR. IRVINE, ALBANY; PERRINE'S, SILK STOCKINGS, MRS. HUBBARD, ASHLAND; ELKHORN GUN STORE, BASEBALL GLOVE MASTER WILSON, MEDFORD; IRWIN'S, CARTON OF CIGARETTES, WINNING SIDE BASEBALL GAME; JACKSON'S POOL HALL, CARTON OF CIGARETTES, WINNING SIDE CENTIPEDE RACE; PRICE'S, BOX OF CANDY, ASHLAND OPERATORS; GRUGGEL BROS., SET OF SPARK PLUGS, PAUL AIKINS, ASHLAND; SQUARE DEAL GROCERY, TWO FRUIT CAKES, MRS. JOHNSON, MEDFORD.

## SHASTA DIVISION GETS PRIZE AT POWER COMPANY SPREAD

REDDING, Calif., June 29.—Employees on the Shasta division of the Pacific Gas and Electric company, won a \$50 prize at the banquet given in San Francisco Saturday evening, by the company to 3000 in its service.

## GOVERNMENT STARTS \$75,000 DAM IN LANGELL VALLEY

KLAMATH FALLS, June 29.—Announcement that construction work has started on the Langell valley diversion dam was made here yesterday by H. D. Newell, project manager of the Klamath irrigation district. The dam is being built by the government at an approximate cost of \$75,000.

## BIG LAKES COMPANY TO OPERATE BOX FACTORY

KLAMATH FALLS, June 29.—The box factory of the Big Lakes Box company will resume operations within the near future with the arrival of certain machinery, according to Burge W. Mason, an officer of the company, at present connected with the box factory operated by the company at Sisson.

The Sisson plant is working full capacity with 65 men employed.

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Barrels and Parts Supplied and Fitted for Any Make of Gun

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381 E. MAIN ST.

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**Rexall**

## FOOT POWDER

PREVENTS TIRED FEET  
Makes them cool and comfortable. Reduces perspiration and stops shoes from worrying you. Rexall Foot Powder is easy to use because it is in a sprinkler top can.

COSTS ONLY 25 CENTS

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Phone 20

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## W. A. SHELL

BARBER  
Safety blades resharpened like new. Single bit, 30c. Double bit, 60c. Double bit, 60c. Double bit, 60c.

Children's Work A Specialty

Discipline. No one ever begins to climb at the top, but an observant business man remarks that the trouble with many of our young people is that they do not seem to be aware of that fact. They are so assured of their own ability, and high desert that they claim the wrong end of the ladder.

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