

**SPEED OF LIGHT
RE-CALCULATED
AT LOWER RATE**

New Findings Show Velocity at 186,780 Miles Per Second—Light From Nearest Star Four Years Old

By ALFRED BERTHNET
(United Press Staff Correspondent.)

NEW YORK.—(UP)—Although not universally accepted as yet, the latest average value of the speed of light is placed at 186,780 kilometers (116,186 miles) per second. The new value is 22 kilometers lower than the old one arrived at in 1926 by Dr. A. A. Michelson of the University of Chicago, and was calculated by Dr. F. G. Pease of Mount Wilson Observatory and Fred Pearson of the University of Chicago, using Michelson's old equipment.

Previous to 1875, light was believed to pass from its source to the observer without any lapse of time; in other words, the transmission was instantaneous. In that year the first effort was made to measure light's speed. A young Danish astronomer, Oleas Romer, after making certain observations, forecast the occurrence of an eclipse. It was 16 minutes, 56 seconds later than Romer had anticipated and he concluded that this delay was the time necessary for light to travel across the earth's orbit (a distance of 180,000,000 miles).

More than two centuries later, Mr. Michelson, using precision instruments, calculated scientifically for the first time light's velocity. Michelson dictated his findings from his sick bed four days before his death. His experiments pronouncing light's speed to be 299,796 kilometers per second, were conducted at Santa Ana, Cal., using a mile-long, three-feet wide, welded tube.

Although this speed is capable of carrying light around the world at the equator (24,902 miles) about seven times in one second, yet the light which is reaching us from the nearest fixed star (24 trillion miles away) started more than four years ago.

Should an inhabitant of the Pole Star have a sufficiently powerful telescope he will in 1070—35 years from now—be able to see the World war. It will have taken the light rays approximately 85 years to reach him.

**CITY POSTMASTER
EXAM SCHEDULED
TO FILL VACANCY**

Under an executive order issued by President Roosevelt, July 12, 1933, that all first and second-class postmasters, other than those promoted in the service, take an examination, an open competitive examination will be held to fill the vacancy in the position of postmaster in this city, the United States Civil Service Commission has announced, at the request of the postmaster-general. The position is now held by Frank DeBours under an acting appointment.

To be eligible for the examination, an applicant must be a citizen of the United States, must reside within the delivery of this post office, must have so resided for at least one year preceding the date for close of receipt of applications, must be in good physical condition, and within the prescribed age limits. Both men and women are admitted.

Under the terms of the executive order, the civil service commission will certify to the postmaster-general the names of the highest three eligibles, if as many as three are qualified, from which the postmaster-general may select one for nomination by the President. Confirmation by the senate is the final action.

Applicants will not be required to assemble in an examination room for scholastic tests, but will be rated on their education and business experience and fitness. The civil service commission will make inquiry among representative local business and professional men and women concerning the experience, ability and character of each applicant, and the evidence thus secured will be considered in determining the ratings to be assigned to the applicants.

The commission states that presidential postmasters are not in the classified civil service and that its duties in connection with appointments to such positions are to hold examination and to certify the results to the postmaster-general. The commission is not interested in the political, religious or fraternal affiliations of any applicant.

Full information and application blanks may be obtained from the secretary of the local board of civil service examiners at the postoffice in this city, or from the United States Civil Service Commission, Washington, D. C.

Closing date for applications is February 13.

**CURLY LEAF CONTROL
ON PEACHES REQUIRES
BORDEAUX SPRAY SOON**

Peach growers should be prepared to spray their trees with Bordeaux Mixture 6-6-50, as soon now as the weather permits, if control of "curly leaf" is desired, states County Agent Wilcox.

Peach leaf curl or commonly called "curly leaf" is a disease caused by a fungus that attacks small leaves and shoots in early spring, infections taking place as the buds crack

open. Later in the season the diseased tissue becomes thickened and takes on a whitish bloom or pubescence, finally dries up and either hangs on the tree throughout the season or falls to the ground.

Spraying must be completed before

the buds crack open, otherwise the fungus enters the young leaves while they are still in the bud stage. Bordeaux mixture 6-6-50 is the most effective material and will assure control if applied early enough. The queen peach aphid causes a leaf

injury very similar to "curly leaf." The control for this insect requires a nicotine sulfate spray just prior to bloom, a definite announcement as to materials and time of application will be made at that time by your county agent.

SALEM, Ore., Jan. 31.—(AP)—D. E. Fletcher of Klamath county today filed his declaration of candidacy for election as circuit judge from the 13th district, embracing Klamath county. W. M. Duncan is judge of that district at the present time.

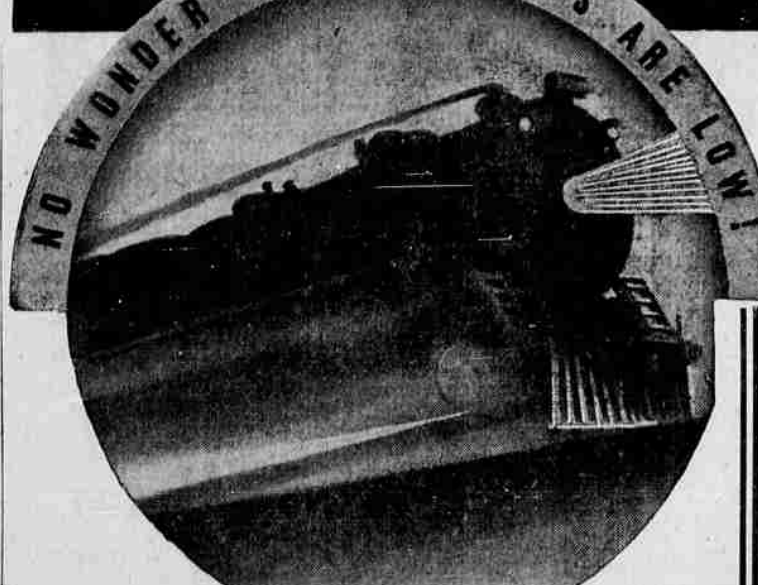
Fletcher filed as non-partisan, as required by law for judicial positions. He was formerly a member of the house of representatives, in 1919 and 1921, from Polk county.

Mother, Daughter, Brides—Mother

and daughter were the brides in a double wedding ceremony solemnized recently in Grants Pass, it was reported Tuesday. The wedding took place in the lobby of the Fields hotel Wednesday night, when Mrs. Edith Dean married Dan Doud and Miss

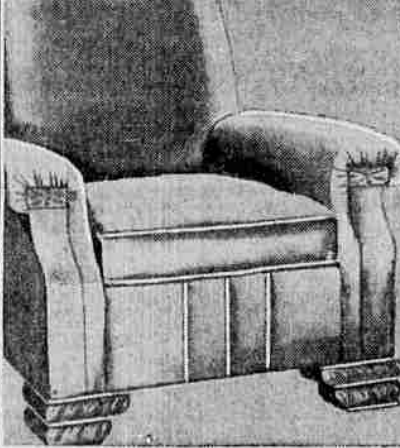
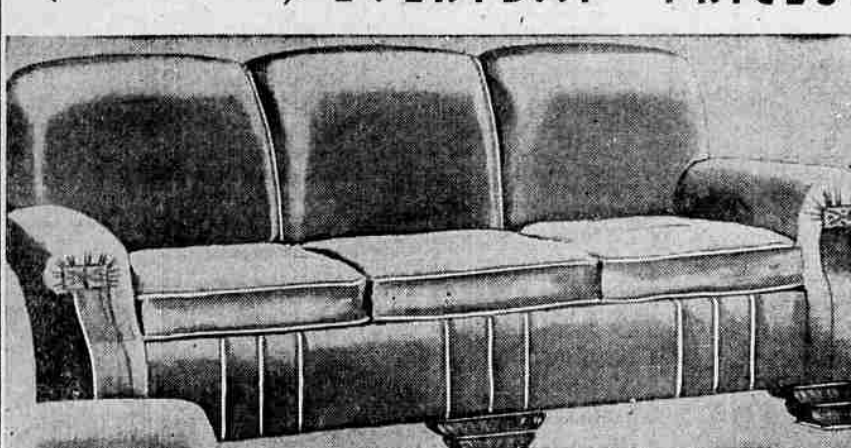
Juanita Dean became the bride of Ted LaFollett.—Grants Pass Courier. Down from Prospect—Chas. Quinn, Jr., of Prospect is a patient at the Community hospital here today for medical care.

Wards February Furniture Sale



Save **15 to 30%**

ON WARDS LOW EVERYDAY PRICES!

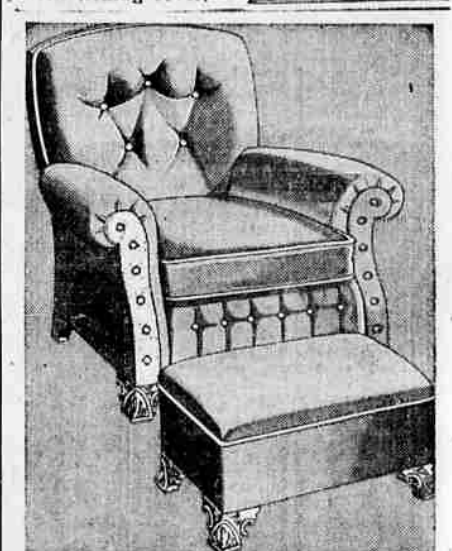


February Sale Special!
2-Pc. Suite
\$37.50
\$1 down, \$5.50 monthly, plus carrying charge
Frankly, we don't know where you'd go to equal this value! We couldn't replace it ourselves at this price. A big, comfortable suite—covered all over in rich homespun tapestry.

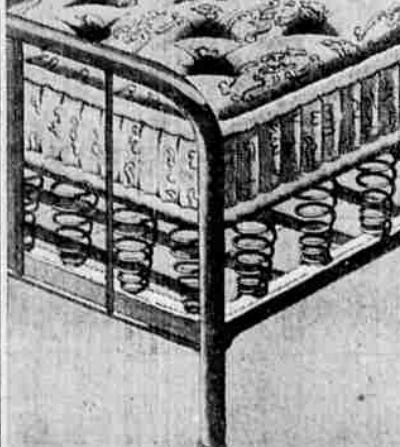
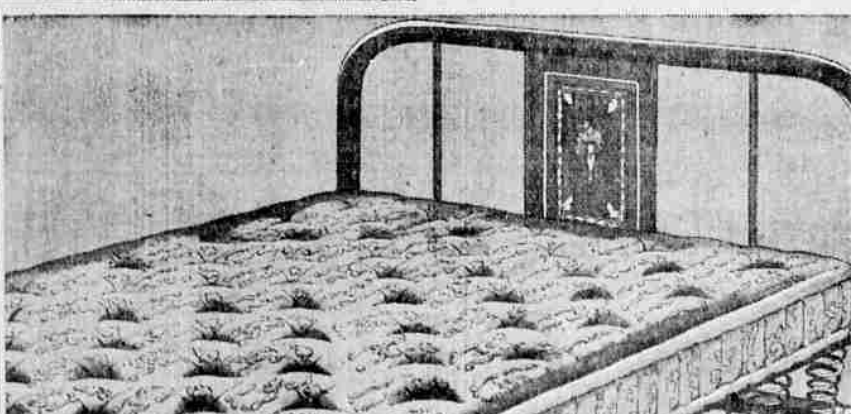


Little Tables
\$4.75 each
Solid Walnut — at the price of ordinary wood! Choice of styles (4 shown).

Mattress
\$10.45
Innerspring — with deep inner coils encased in felted cotton. Drill ticking cover.



Lounge Chair
\$19.50 with ottoman
Save at this February Sale low price! Enjoy the roomy comfort of this big Chair and Ottoman. Covered in rich homespun!



February Sale Special!
3-Pc. Outfit
\$21.95 Bed, Spring and Mattress
Buy the outfit complete, and save more at this special February Sale price! Beautiful all metal bed in walnut finish. Comfortable double deck coil spring. And restful mattress. See it!



Wardleum
9x12-ft. Rugs
\$4.89
Price goes up March 1st. Waterproof, stainproof rugs!

9x12-ft. Axminsters
Watch these seamless wool Axminster Rugs speed out at this price. Oriental designs. Beautiful color combinations.
\$22.95
27x50-in. "Non-Skid" Axminster Rugs, \$1.98



Studio Couch
\$28.50
\$5 down, \$5 monthly plus carrying charge
Opens to double or twin beds, 3 pillows.



Pull-Up Chair
Save at this low price. In Tapestry or velvet. Only.
\$4.85



Breakfast Set
\$9.95
Special! Dropleaf table and 4 chairs in solid oak, or enameled hardwood.



Card Table
A big value! Waterproof top; enameled base. Now...
\$1.00



Double Deck Coil Spring
Sale Special! 99 deep coils for comfort. Angle frame base prevents torn bedding. Save!
\$7.45



Kitchen Chairs
Unfinished, ready to paint. Save at this price. Each...
98c



FEBRUARY SALE OF CURTAINS
Curtain Sale
89c pair
In time for spring! Dainty cushion dot grenadine, Priscilla and cottage styles.

**MONTGOMERY
WARD**
117 South Central Telephone 286