

# SCIENTIST IS SERIOUSLY ILL

PASADENA, Calif., April 3, (AP)—Suffering a nervous breakdown from overwork in his effort to correct his measurement of the speed of light, Dr. Albert A. Michelson, 73, was under the care of two physicians at his home here today.

The noted physicist, first American to receive the nobel prize for scientific achievement, measured light's speed more than two years ago by the use of mirrors on mountain tops near here. A slight error later was found and he had a large vacuum tube a mile long built on the Irvine ranch near Santa Ana, by flashing light back and forth through this he hoped to reach an exact measurement.

The experiment necessitated his working at night and the late hours overtaxed his strength. He recently gave up his work at the University of Chicago, with which he had been associated for years, because of failing health and had been living here in virtual retirement until his recent experiment was begun. He said it would be his last. Physicians expressed belief that he would be confined to his bed for at least a month.

**MORE AIR SAFETY**  
WASHINGTON.—A report of the war department shows that safety in aerial operations of the air corps has increased 1,000 per cent in the last 10 years. During the last six months of 1930 16,903 miles were flown for each fatal accident. In 1921 only 1,713 miles were flown to each fatality.

## Defense Attempts To Free Corvallis Chief Of Charges

CORVALLIS, April 3, (AP)—The defense today sought to prove that Henry Robinson, Corvallis police chief, is not guilty of malfeasance and negligence in office, with which he was charged by a grand jury indictment.

The state rested its case last night after introducing several witnesses in an attempt to prove that Robinson, as a deputy sheriff, failed to apprehend Joel Chambers, escaped prisoner, last June, and actually negotiated with him while he was a fugitive.

It was expected the case would go to the jury late today. The indictment followed an investigation into liquor activities in Corvallis, after the Henderson murder trial in which bootlegging activities were developed.

## Hold Klamath Men On Liquor Charge

PORTLAND, April 3, (AP)—Daniel Arrin Calmon, arrested in Eugene recently on a charge of possessing several tins of opium shavings, was indicted by the federal grand jury here yesterday on four counts in connection with the case.

Mike Madena was indicted on two counts on charges of sale and introduction of liquor on the Umatilla reservation.

Claude Haskins and D. W. Hughes were ordered held on four counts for possession and introduction of liquor on the Klamath reservation.

The grand jury returned 19 indictments, ten of which were secret.

## KLAMATH IS RICH IN VAST SCORIA DEPOSIT

Big and Little Glass Mountains Also Abound in Obsidian, Bentonite, and Other Valuable Substances, Known as Non-Metals, Which, With Development Will Provide a Vast Industry for the Klamath Basin.

Acres of usable building material waiting for development and exploitation lie dormant only 72 miles from Klamath Falls in Big and Little Glass Mountains. Twenty-five miles of country separate these mountains.

The bulk of both of these phenomenal mountains consists of scoria, a cellular, non-metallic substance, which makes perhaps the best insulation in the world.

An experiment with scoria gave the following result: a three inch cube of iron was heated to the melting point. The cube was then covered with an inch and a quarter of scoria, after which the temperature on the outer surface of the insulation registered only 100 degrees fahrenheit.

Big Glass Mountain contains 5,500 acres of this material, according to geologists and other authorities, while Little Glass Mountain contains 2,600 acres.

Scoria has been tested and found to have greater strength than brick, and could be used effectively in building. Those who realize the vast numbers of uses to which this little known material may be put, predict that every pound will be utilized in the not far distant future.

Obsidian, another material useful for building purposes, is found in huge quantities on Little Glass Mountain, and banded glass, a very hard and beautiful substance, is found on Big Glass Mountain.

With banded glass and other natural glass deposits in such number on Big Glass Mountain, the Klamath country should turn out among other products more and better sand-paper than any other locality in the world. Natural glass registers number 6 on the Moh scale of hardness. The scale is reproduced as follows: 1. talc; 2. gypsum; 3. calcite; 4. fluorite; 5. apatite; 6. orthoclase; 7. quartz; 8. topaz; 9. corundum; 10. diamond.

Sandpaper is made either of sand, as the name implies, or of ground artificial glass. The latter commodity is four times more expensive than that made out of sand. Sandpaper made out of ground natural glass would be better, because natural glass is harder than artificial, and would be much less expensive, as the material is right at hand.

Another natural product found on the west side of Big Glass Mountain, is bentonite, a perfect natural soap, also widely used as a soap filler all over the world. At the present time Russia holds the monopoly of bentonite, although geologists declare, there are small deposits in California, Wyoming and Nevada.

Even though the bentonite deposit in Glass Mountain should be taken out and manufactured into soap products, the supply would constantly be replenished by the fumes from the little crater on the west side of the mountain which convert nearby deposits of pumice, cinder, and natural glass into bentonite. This soapy substance is a good cleaner in itself. It may be rubbed into the hands perfectly dry, and it absolutely disappears. However, if the hands are moistened afterward, the bentonite reappears with any grime that may have been on the hands.

Place a small piece of bentonite in water, and it gradually swells to two or three times its original size, at the same time

giving off a clean earthy smell. It cleans by a solving principal. These substances in Big and Little Glass Mountains are classified as non-metals. This classification includes all substances except ores that can be reduced to metals. As a matter of fact, there is no stone in the world that has not a metallic base, however, those classified as non-metals have so little metallic content that it would not only be unprofitable, but practically impossible to reduce the metal from the other substance.

### LOCAL CONTRACTORS MEET AT GAS COMPANY

Building inspectors and contractors met Thursday evening in the office of the Natural Gas Corporation of Oregon, at which time Harry Goeller presented a talk on "The Importance of Venting Gas Appliances." A cooking demonstration was given by Miss Martin, of the gas company, and Louis J. Rust, local manager of the corporation, H. R. Perrin, and H. E. Hauger, also spoke at the meeting.

### APRIL 12 BLOSSOM DAY IN WILLAMETTE

SALEM, Ore., April 3, (AP)—Blossom Day, Willamette Valley's celebration of orchard beauty, will be celebrated April 12. It was announced today. The blooming has been delayed virtually a week by recent storms, it was said. The event, now an annual one here, is

## Probe Is Made Of Boat Collision Which Killed 30

MALAGA, Spain, April 3, (AP)—Malaga authorities today had nearly completed their investigation of the collision of the French liner Florida and the British aircraft carrier glorious in a dense fog east of Gibraltar, Wednesday.

They were expected shortly to authorize burial here of the thirty or more victims whose bodies have been taken from the crushed storage compartments of the Florida, towed to Malaga stern first, after the accident.

The surviving passengers, most of whom were emigrants from the Argentine for Genoa, will proceed to Barcelona and Marseilles on the French liner La Ferriere.

Identification of the dead has been very difficult because of the mangled condition of some of the bodies.

The Florida is listing badly in her dock here, and unloading has been rushed in the fear she may sink in her berth.

## Negro Prisoner Murders Sheriff

FAIRBURN, Ga., April 3, (AP)—A negro prisoner seized a revolver from Sheriff T. W. Camp shot him to death in the court house here today and fled with a posse close on his heels.

The fugitive later was reported surrounded in a swamp.

The negro, whose identity was not determined immediately, while waiting in the sheriff's office, sprang toward a door and Sheriff Camp grappled with him.

In charge of the Cherrilans, booster organization. In years past visitors from over the entire state have visited Salem and vicinity on that occasion.

## For Sale Real Estate: Real Estate: Real Estate:

Everybody now talks real estate. When you think of buying a lot to build a home on, remember we have lots in the most exclusive residential district, also in other parts of town from \$100 up; we also have acre tracts on the Dulles California highway and ranch property any size for nearly all purposes, best of soil and plenty of water. Our prices are right and terms to meet your requirements. We have an easy phone number to remember. Just call No. 1, and we will be glad to show you whatever property you may desire. The Klamath Development Company's location is 1405 Main St.

PHONE NO. 1

## Easter Greetings

Announcing the Opening Saturday

THE FLORAL SHOP

Eleventh & Main. Next Elk Hotel

## Klamath Commercial Service

INC. 204 OREGON BANK BLDG.

Collections made any place. No Collection—No Charge. Established 1926.

Telephone 338 or 339.

## Here's Good News

WE announce the purchase and consolidation of the City Creamery and the Home Dairy, combining the services and products of these firms under the name of Raymond Dairy Products Company and the brand "Giltedge."

New and even more modern equipment has been installed to facilitate the production and distribution of these dairy products that already have a well-earned reputation for purity, flavor and freshness. These products of superlative quality are sold by leading merchants throughout the city and are also available from our convenient daily delivery service at your door.

It is our desire to make the brand "Giltedge" represent the highest standards of quality and service that it is possible to attain. May we serve you, too?



Giltedge Products from your dealer or

Just Phone

931

RAYMOND

Dairy Products Co.

4 S. Spring St.

Klamath Falls

# SALE BOYS' SUITS

Just in Time for Easter And at a Real Saving to Those Who Purchase Now

Reg. \$12.50 Grade Now Only

\$7.85

Ages 6 to 18 Years—Two Pair Longies—Four Colors—Well Tailored—Firm and Durable Finish—New Spring Stock—Regular \$12.50 Grade.

Boy's Dept.—Second Floor.

Golden Rule Stores ECONOMISTS IN DISTRIBUTION THE NAME OUR POLICY



# BASEMENT STORE SHOE and DRESS EVENT

Genuine Leather or Brocade

New Bags

These are last minute arrivals and we are featuring them during this shoe and dress event. Fancy colors or white. Several styles, slide fasteners.

98c

Boy's Tennis Shoes

59c

Brown or White

## SALE WOMEN'S SHOES

One lot of 100 pairs, broken sizes. Values to \$4.85. All sizes in assortment, but not every size in each particular shoe. These are new, stylish and taken from our regular stock. Choice of oxfords, straps, toes and pumps. Low or high heels. Various colors and novel trimmed. Assortment positively limited to 100 pairs.

\$1.98

Sale Price

Basement Store

## Dull Finish Hose

Full fashioned. Pure silk to top. Nine new shades. All sizes. A hose you are accustomed to pay \$1.95 for. Basement Store Price—

\$1.39

## Children's Shoes

Stays 3 1/2 to 2. All sizes. Choice of silk or patent leather. High shoes or oxfords. Fibre soles. Durable. Excellent for school and play. ALSO—At this price, infant's oxfords, sizes 3 to 5, patent leather with leather soles. Pair—

\$1

## Easter Display House Dresses

For Women and Children

69c and 98c

Stunning Print Frocks you would expect to pay \$1 and \$1.45 for. Light and dark backgrounds. Various necklines, new cuffs and sleeve effects. Also sleeveless models. Women's, misses' and children's dresses in each price group.

Women's Sizes 14 to 52

Children's Sizes 1 to 6 Years with Panties to Match

Misses' Sizes 8 to 14

Women's and Misses' House Pajamas—One and two piece. Bright colors. Small flowered and modernistic designs. Also plain colors. Extra wide legs. Sizes 7 to 12. And 14 to 20. 98c

## CHILDREN'S VOILE DRESSES

2 to 6 Years. Summery little frocks for the smaller tots. Several styles. \$1.00 value.

Basement Price

69c

Women's Silk Hose, Reg. 70c. Now, 2 for 51  
Women's Pure Silk Full Fashioned Hose, 98c  
Children's Rayon Hose, in colors, 49c  
Children's Cotton Stockings, 10c and 25c  
Waitresses' Uniforms, blue, green, white, 98c  
Women's Kitchen Aprons, 49c and 98c  
Children's Cotton Knit Undies, 49c  
Women's Fancy Scarfs, 40c and 98c

Women's RAYON GOWNS 98c

DANCE SETS In Colors 98c

BOY'S WASH SUITS 1 to 6 Years 69c and 98c

WOMEN'S SMOCKS Plain or Fancy With or without Sleeves 98c

See Eighth St. Windows.

Golden Rule

See Eighth St. Windows.

Basement

Self Service

Store

"Of course, it's Schilling's"

Schilling is the only exclusive roaster of fine coffee

It would be such a simple matter for Schilling to produce both good coffee and cheap coffee. Everyone else does it. So did Schilling at one time. But Schilling learned that cheapness is contagious. There are many good coffees—all made in company with bad coffees. But Schilling good coffee has no such companions. The finest things usually come from those who make good things only. Sometimes the difference is not great—but it's there just the same.



Schilling coffee

Wings of the Morning

BAKING POWDER • TEA • SPICES • EXTRACTS