

# MAGIC OF SCIENCE USED TO PROVIDE SAFE MOTORCARS

### All Parts Checked By Automatic Devices For Perfection Of Materials—Workers Also Protected.

By WILEY MALONEY (U. P. Staff Correspondent.)

DETROIT, Aug. 27.—(UP)—All the magic of modern science is drawn upon today to provide a scientific gadget through which an automobile and its parts must pass before being delivered to the consumer.

Electric eyes, electric ears, spectrographs, thermometers and hundreds of other gadgets are employed to promote efficiency, to test materials and to safeguard workers against accidents.

Electric eyes, for example, are used at various points on most assembly lines. At the Plymouth plant a spectacular application of the electric cell is used at the point where radiators and steering wheels are secured to the chassis.

**Automatic Stop.**

The wheels and radiators are moved to the line by an overhead conveyor. The operation is so timed that if the radiator is not removed from the conveyor, the line stops. When the radiator is removed the intercepted beam of light again shines upon the cell, the electric circuit is closed and the line moves on.

The same principle is employed as a safety measure. A curtain of light is cast in front of a particularly dangerous machine. If the workman's hand or any part of his body passes through the light screen, the machine automatically stops.

Electric eyes are also used for automatic inspection of parts for flaws, cracks or checks in bearings; for discoloration and other flaws in fabrics and for automatic control of spray painting. They are used for counting parts and for controlling resistance heaters for treatment of metals.

**Ring Shows Errors.**

The "electric ear," or what to the ordinary layman passes as a radio tube, is used to amplify the feeble current changes coming from microphones or electric vibration pickups. This gadget is used to inspect bearings, rear axle, transmission assemblies or springs for internal flaws and cracks. The mistakes are determined by the burr or "ring" after the parts have been struck like a bell.

Thousands of such scientific and endurance tests are run each day of manufacture in America's factories to insure for the eventual owner that his car can stand up under punishment far beyond the requirements of normal use.

Factory engineers call it the "safety factor."

# COUNTY BRIEFS

## Eagle Point

EAGLE POINT, Aug. 27.—(Spl.)—Mrs. Roy Stanley and Mrs. Mae Ross Walker went to Medford Thursday morning where Mrs. Walker left by train for her home in Portland. She has been a house guest of Mrs. Stanley for the past month, also visiting with Mr. and Mrs. Hansen of Ashland and Mr. and Mrs. O. E. Henderson of this place. All regret her going but hope she may return again next summer.

Mr. and Mrs. Bob Rose of the Round-top district were business callers in Eagle Point Wednesday.

Three daughters of Mrs. Lizzie Pierce, all of California, arrived a few days ago for a visit with her and other relatives living here.

Mr. and Mrs. Roy Ashpole, son Donald and Mrs. Emma Hader, returned Wednesday afternoon from a trip to Yellowstone national park and Salt Lake City. They report a successful and pleasant trip, but were glad to get home again.

Mr. and Mrs. Wm. Perry and Mr. and Mrs. Percy Haley left Friday morning for Hoover dam, Boulder dam, Yellowstone and Salt Lake.

Bertrand Stanley left Monday for Sacramento to enter college there.

Mr. and Mrs. Carlisle Natwick and Mr. and Mrs. O. E. Henderson of Eagle Point, Ed Martin and Mrs. B. Jennings of Medford and Mrs. F. J. McPherson of Shady Cove spent Tuesday evening with Mrs. Eva Nichols, daughter Margie and Mrs. Ella Natwick, at California-on-the-Rogue.

Mr. and Mrs. Ray Harnish and family, Mr. and Mrs. Roy Smith and family and Mr. and Mrs. Nick Young enjoyed a weiner roast at the home of Mr. and Mrs. Elsworth Stowell on Rogue river Wednesday evening.

Mr. and Mrs. Marvin Light of Santa Barbara, Cal., arrived in Eagle Point Wednesday afternoon for a short visit with relatives here. Jack Stoner, who has spent his summer vacation with his grandparents, Mr. and Mrs. Royal Brown, will return home with them to start school there.

Mr. and Mrs. Art Dreasler of Los Angeles, former residents of Medford who have been visiting relatives in Ashland, called on Mrs. Lottie Van Scoy and son Lyle, Tuesday.

Mr. and Mrs. Herb Perry and Mrs. Gladys Ray, who are on a pleasure trip to Portland, Seattle and way points, are expected to arrive home any day now. They will return via the Redwood highway.

These glorious Indian summer days remind us that another summer has gone by, and still our road through the city limits is unrolled and as dusty as ever.

Mr. and Mrs. Chas. Wisdom of the Brownsboro district were business callers in Eagle Point Wednesday evening.

One Carlson, who met with a painful accident last week while working on a high road culvert, is recovering nicely. He fell several feet onto a pile of rocks, receiving severe bruises.

## Foots Creek

FOOTS CREEK, Aug. 27.—(Spl.)—A number from here attended funeral services for Mrs. Sandy Blakley at Rogue River. Friends here extend sympathy to the family.

Mrs. Otto Rief was a business visitor in Grants Pass, August 25.

Mrs. Millie Walker, Mr. and Mrs. Clep Gilchrist, son Charles of Gold Hill, Mr. and Mrs. R. L. Miller and family enjoyed a picnic supper at the Highland mine Sunday.

George Lance has started picking his peaches, and has a very fine crop this year.

Mr. and Mrs. Floyd Lance of Grants Pass visited relatives here Wednesday. Their daughter, Ruth Lance, is visiting with her grandparents, Mr. and Mrs. George Lance, at Riviera.

P. B. Backus was a business visitor in Medford August 24.

Lucile Smith of Gold Hill, who has been staying at the Veita Biles home for some time, returned home Sunday.

Mrs. Max Miller and aunt, Mrs. Penelope of Portland, who have been visiting Mrs. Miller's parents, Mr. and Mrs. M. Boomalter, returned home Tuesday.

## Central Point

CENTRAL POINT, Aug. 27.—(Spl.)—Mrs. Ethel Fleischer returned Wednesday evening from Seattle, Wash., where she spent several weeks.

Harold Smith has recovered from a recent stage of summer flu and returned to his work.

Mr. and Mrs. E. L. Parra accompanied by their house guest, Miss Alice Singletary of Portland, were Sunday dinner guests at the home of Prof. and Mrs. D. F. Amick of Grants Pass. Miss Singletary left Wednesday night for her home.

Mrs. L. L. Damon, who underwent a major operation at the Community hospital several days ago, has been removed to her home and is getting along nicely.

Following a residence of two years in Central Point, Mr. and Mrs. L. E. Robertson and family are moving to their ranch at Eagle Point in a few days.

Harvesting of the potato and tomato crops are at their peak in this locality.

Mrs. W. L. Page of Los Angeles is a guest at the home of Mr. and Mrs. A. H. Parker and family.

Mr. and Mrs. Hayes have opened a coffee shop in the building known as the Whiteside property.

C. G. Dawson celebrated his 74th birthday August 22 with his wife and Mr. and Mrs. E. E. Scott with a picnic dinner in Ashland park.

T. M. Martine returned Tuesday from a business trip to Canada.

Woodrow Phillips, young son of Rev. and Mrs. C. A. Phillips, who

has been ill for several days, is still under the care of a physician.

Mrs. Wm. Foley of the old Stage road was hostess to the H. E. club Wednesday afternoon.

Mrs. L. Swartz, who has been an invalid for many years, is in an improved condition.

Mr. and Mrs. E. E. Scott spent their vacation at White Fish, Mont., with their son, Lester Scott, and wife. Their daughter, Miss Mildred Burger of Chicago, came out to be with them in the many side trips in Montana, Idaho and Canada. Lester, who is well known here, is now manager of the Glacier Mountain Craco Co. Miss Burger accompanied her parents to Central Point for a visit with other relatives and will spend a few days in Los Angeles before returning to her Chicago home.

Central Point was well represented in Ashland park Sunday among the various picnic crowds, including the annual low picnic, the Townsend club, an eastern Oregon group and numerous family parties. Following dinner, the enormous crowd gathered about the band stand, from which Rev. Williams of Eugene spoke of the Townsend plan.

## Fern Valley

FERN VALLEY, Aug. 27.—(Spl.)—Mrs. Alvin Coats, Mrs. Eldred Colver and Mrs. Louise Colver of Phoenix were calling on friends in Fern Valley Monday.

## Sardine Creek

SARDINE CREEK, Aug. 27.—(Spl.)—Mrs. Arnold Kirtley is over from eastern Oregon, caring fruit and vegetables. She and her grandmother, Mrs. W. H. Reed, spent a day and night last week with Mr. and Mrs. Grant Powell, below Grants Pass.

Mr. and Mrs. Howard Dunlap were over Sunday from the Modoc orchard

to move out of their house here, which they have rented for the winter to the new Alderbrook teacher, Mrs. Myers and family.

Mr. and Mrs. Floyd Walsh, who were married last week in Gold Hill, left Thursday for their new home at Mehama, near Salem, Ore., where he is engaged in business.

Mrs. Edith Biles and son Mickey visited Saturday afternoon with her aunts, Mrs. Lulu Dusenberry and Mrs. Nora Wait. They have been living near Yreka, Calif., for some time, but are now living in Medford.

Mr. and Mrs. Gerald Herman are the proud parents of an eight-pound baby girl which arrived at their home August 17.

Word has been received here that Vivian, eldest daughter of Mr. and Mrs. Howard Dunlap, was united in marriage August 15 to Lowell Pratt of Medford, where the young couple will reside.

Melvin Howell and Charles Stone of Redding, Calif., called at the S. A. Dusenberry home Tuesday afternoon.

Mr. and Mrs. E. Nichols and Mr. Nichols' mother of Texas spent the past week as guests of Mr. and Mrs. J. B. Cummings. Guests included Mrs. Cummings' mother and brother. While here Mr. Nichols drove to Portland, accompanied by R. L. Clower, J. B. Cummings and Mrs. L. H. Hughes, the latter stopping at Salem as the guest of her daughter, Mrs. E. W. Beer.

Mr. and Mrs. Pegg and sister, Miss Roberts, of Hood River have rented the E. E. Marshall house.

Mr. and Mrs. Ben Rogers called at the home of Mrs. Rogers' sister, Mrs. Joe Kantor, Jr., Saturday.

After a fifteen-day furlough at the home of his mother, Mrs. Daisy Dick, Jack Melton has returned to San Diego.

Mr. and Mrs. Lewis Busey and daughter of Oil Fields, Calif., are guests at the home of Mr. Busey's parents, Mr. and Mrs. Fred Busey. Tomatoes in Fern Valley are much later in ripening than last year. Some growers have just started picking.

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Friends of Mrs. Drake are extending sympathy on the death of his brother, Alvin, found dead near the S. P. tracks south of Medford. The remains were laid to rest in the Kerby cemetery near his former home.

Bengal is the largest of the Indian provinces in population.

Closing time for Two Late to Classify Ads is 1:30 p. m.

Bus Line Hearing Set  
WASHINGTON, Aug. 27.—(AP)—The interstate commerce commission will hold hearings September 17 in the federal building at Klamath Falls, Ore., on the application of Virgil Kelley, Klamath Falls, for a permit to operate a passenger-mail-express motor line between Klamath Falls and Tulelake, Calif.

Use Mail Tribune want ads.

# DEAF

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Of the New Gem Bonair Hearing Instruments by Your Factory Expert From Gem Laboratories in New York . . . No Obligation.

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By this new and most improved aid of its kind, you may hear through the bones of the head. The Gem is a marvel of simplicity, light weight, inconspicuous and easy to wear. With full power amplifier, priced within reach of all.

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# WEST SIDE PHARMACY

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## Fine Beer "belongs" with GOOD LIVING

Pigeon squab... Camembert cheese... peach short-cake. Fine foods like these are part of good living. And with many families here Brown Derby Pilsner, the equal of imported, is the chosen beer. Brown Derby makes meals taste better, these people say.

Good reading... and a cold bottle of Brown Derby Pilsner from the refrigerator. That's a grand combination for good living, pleasure, many folks think.

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### CHRYSLER PRICES ARE THE LOWEST IN Automobile History. Prices Have Hit Bottom

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**Buy Now At A Big SAVING**

You save almost a year's depreciation by our **HIGH ALLOWANCE** on your car—and the **LOW PRICE** of a Chrysler or Plymouth.

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Are you hard to please about foods and beverages? Then Brown Derby will suit your taste. It brings you, experts say, the goodness of imported Pilsner

IS A FINE BEER one of the good things of life you like to enjoy, without extravagance? Then Brown Derby will appeal to you.

Experts of both America and Europe acclaim Brown Derby the equal of costly, imported Pilsners known abroad as "king of beers." Here are the reasons...

Brown Derby has the unique Pilsner flavor—not sweet, not bitter, deliciously in-between. The delicate bouquet also. Brown Derby—like imported Pilsner—is a beer of sparkling clarity and lasting, pin-point bubbles. Its creamy, fine-spun collar is beautiful to see.

Taste Brown Derby. We think you'll want to add enjoyment of this great American Pilsner to your good living.

At such charming homes as this, there's much to enjoy. And Brown Derby is one of life's good things many families here like. Probably the reason is—Brown Derby equals imported Pilsner, yet it isn't extravagant

# Brown Derby Beer

AT YOUR NEIGHBORHOOD GROCERY... SAFEWAY