

BEACONS FOR NIGHT FLYERS



As an aid to aviation and the development of night flying, the Standard Oil Company of California is building what will be the two highest powered incandescent electric beacons in the country—one to be placed on the summit of Mt. Diabolo near San Francisco Bay and the other in the Merced Hills, Los Angeles. These beacons will develop ten million candlepower and the flashing beams from them will be visible to aviators for between 100 and 150 miles. The company has taken this action at the suggestion of the United States Department of Commerce, the Airways Division of which is now engaged in installing lights to mark the airways from Los Angeles to San Francisco and from Los Angeles to Salt Lake City. The Department of Commerce is also projecting a series of lights northward and eastward from San Francisco, as indicated in the chart above. These official airway lights are set at frequent intervals and are of three million candlepower each.

The government will give the light on Mt. Diabolo the official designation of "SD," standing for "Standard Diabolo," and "SL," signifying "Standard-Los Angeles," for the light in the Merced Hills.

The light for this type of beacon, built by the Sperry Gyroscope Co., is furnished by large 1500-watt incan-

descent lamps especially manufactured for the purpose. The reflector and lens of the beacon are 36 inches in diameter. The light is equipped with an ingenious device holding two of the incandescent lamps—one directly in front of the focal point of the reflector. In the event of this lamp burning out the second lamp is automatically thrown over to take the place of the one that has gone out. This is done almost instantly so that there is no interruption in the operation of the beacon. The beacon itself makes six complete revolutions per minute. An automatic astronomical clock turns the beacon on at sunset and off at sunrise. This clock auto-

matically compensates for the constantly changing hours of sunset and sunrise. The beacons will be mounted on 75-foot steel towers. The symbols SD and SL will be hung on the side of the towers as a mark of identification in letters twelve feet high outlined in neon lights.

These lights complement the existing system of daylight airway signs which the Standard Oil Company maintains at some 500 points on the Pacific Coast. These signs are painted on the roofs of its warehouses give the name of the town in which they are located. They can be read by a plane at a height of several thousand feet.

THE EYES HAVE IT

April 22-28 Proclaimed Vision Week--To Be Observed Throughout Nation.

Portland, Or., April 16--(Special). The week of April 22-28 has been designated "Save Your Vision Week" and this is heartily endorsed by the Hon. I. L. Patterson, Governor of the State of Oregon.

This is in conformity with the proclamation of the American Optometric Association which, through the several state organizations, will carry the message of conservation of vision to the public during that week.

Civilization is the fruit of Man's spiritual and intellectual victories. It is a composite product of the contributions of the Ages.

The large part played therein by the human eye can hardly be exaggerated. More and more the function of vision has been called upon to meet the strenuous demands of present day life. As a result, visual defects have apparently grown apace, as is evidenced by the wider use of eye glasses. Yet we are told by trustworthy authorities that the American people are still woefully lacking in the care of the eyes.

It is pointed out that more than 30% of the people are seriously in need of optical attention, though not to exceed 10% of the entire population has ever had a scientific eye examination. The public schools and colleges of the United States enroll 25 million students. Numerous surveys made of this group revealed serious visual defects prevailing among more than 30% of those examined.

Most readers will recall press references to the findings of the Federated Engineering Society's industrial survey which covered ten different institutions. Not only did they report an alarming percentage of employees suffering from visual defects but a large part of them were unable to render efficient service because of these defects. No end of astonishing figures could be quoted from the Commission's report. Incidentally, Herbert Hoover was chairman of the committee.

Thus the evidence is conclusive that the class room, library, picture show, factory, store and counting house, all take toll of the human eye. But we cannot all be trappers and hunters, nor languish beneath the palm tree—we have the World's work to do.

When the eye weakened under abnormal demands, Science sought a solution. Then there came into existence a new group, known as optometrists, who specialize upon vision and eyesight. They number more than 20,000 in America today and their practice is regulated by statutes in every state in the Union.

Verily, mankind is not to be thwarted in its onward, upward struggle.

Life in Middle Ages Miserable for Most

The average expectation of life—today 58—was probably between 25 and 30 in the Middle Ages. We have no idea today what a vast luxury then was a bit of food, fire and drink, shelter and a bed, even such poor things as they were. The pathetic masses of humans were so indescribably miserable that we have almost no perspective on them today. Picture them, living in low thatched huts without ventilation, the earth for a floor. When this floor got too filthy a new layer of rushes was laid down on the top of the old filth, until the layers of twenty years festered there, alive with vermin, foul with refuse. Those who could afford it wore leather clothes; the lower masses wrapped themselves with straw. For food they ate peas, black bread, fern roots and the bark of trees. Only one-half of them ever tasted fresh meat, and the other half ate meat only once a week. A hole in the roof drained off some of the smoke. The house servants—miserable creatures, earning 30 shillings a year and shoes—went about nearly naked, such garments as they had being utterly filthy, and slept on the vile rush floor at night. Men were old at forty and women even earlier.—J. George Frederick, in the New Age Illustrated.

High Aspirations

Robert Louis Stevenson, while living at Skerryvore, had the idea of adopting a boy in whom he was interested, as his "body servant," and giving him such education as he could assimilate. Before doing so, he relates R. L. S.'s great friend, dear little old Miss Adelaide Boodle, he put it to the boy point blank whether any other walk in life held for him more powerful attraction. The answer came without a moment's hesitation: "Please, sir, I wish I could be Mr. Townsend's boy."

Mr. Townsend was the local fish-monger.

Want Ads Bring Results

NOTICE OF SHERIFF'S SALE UNDER EXECUTION

Notice is hereby given that by virtue of an execution issued out of the Circuit Court of the State of Oregon for Umatilla County to me directed and delivered upon a judgment and decree and order of sale rendered in said court on the 2nd day of April, 1928, in favor of The Federal Land Bank of Spokane, a corporation, against I. W. Dunning, same person as Ivan W. Dunning, and Helma Dunning, husband and wife; and Stanfield National Farm Loan Association, a corporation, in the suit therein pending wherein the said The Federal Land Bank of Spokane, a corporation, is plaintiff and the said I. W. Dunning, same person as Ivan W. Dunning, and Helma Dunning, husband and wife; Stanfield National Farm Loan Association, a corporation; G. L. Dunning, same person as George L. Dunning, and Carrie N. Dunning, husband and wife; Inland Irrigation Company, Inc., a corporation; Eva Bard and C. B. Green are defendants, for the sum of \$199.50, together with interest thereon at the rate of 8 per cent per annum since the 27th day of January, 1927 until paid; and the further sum of \$5,373.27, together with interest thereon at the rate of 6 per cent per annum since the 27th day of January, 1927 until paid; and the further sum of \$1,795.73, together with interest thereon at the rate of 8 per cent per annum since the 5th day of October, 1926 until paid; and the further sum of \$1,133.66, together with interest thereon at the rate of 8 per cent per annum since the 3rd day of June, 1927 until paid; and the further sum of \$14.00, with interest thereon at the rate of 8 per cent per annum since the 16th day of June, 1927 until paid, less the sum of \$285.00 credited on account of stock in the Stanfield National Farm Loan Association, and for the further sum of \$500.00 attorneys fees, and for the further sum of \$22.00 costs and disbursements, which said decree and judgment and order of sale, have been duly docketed and enrolled in the office of the clerk of said court, and in and by which said judgment, decree and order of sale it was directed that the hereinafter described real property in Umatilla County, Oregon, together with the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining, and also all of the estate, right and interest of said defendants in and to the same, be sold by the Sheriff of Umatilla County, Oregon, to satisfy said judgment and all costs.

Therefore, I will, on the 12th day of May, 1928, at the hour of two o'clock in the afternoon of said day, at the front door of the courthouse in the city of Pendleton, Umatilla County, Oregon, sell all the right title and interest which the said defendants or either of them had on the 27th day of January, 1927, or since then have acquired or now have, in and to the following described premises situated in Umatilla County, State of Oregon, to-wit:

The South Half of the Northeast Quarter and all that portion of the Northwest Quarter of the Southeast Quarter lying North of the Furnish Ditch, all being in Section 26, in Township 4 North of Range 29, East of the Willamette Meridian.

Also Certificate No. 655 for 10 shares, Certificate No. 711 for 40 shares, and Certificate No. 712 for 34.80 shares of the capital stock of The Furnish Ditch Company, a corporation,

together with the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining; and also all of the right, estate, title and interest of said defendants in and to the same; said lands to be sold at public auction to the highest bidder for cash in hand, the proceeds of sale to be applied in satisfaction of said execution and all costs.

Dated this 3rd day of April, 1928.
R. T. Cookingham, Sheriff of Umatilla County, Oregon. 32-5t

\$10,000,000 Fund Dry League's Aim

Washington, D. C.—A \$10,000,000 fund will be sought by the anti-saloon league to finance during the next five years the activities of its new department of publicity and education. Announcement that this would be attempted was made by Dr. Ernest H. Cherrington, director of the department, at the banquet concluding the league's convention.

Kalama Town Clerk Gets Swift Justice

Kelso, Wash.—Walter Clark, 31, clerk and water superintendent of the town of Kalama, was arrested Monday on a charge of misappropriation of \$10,753.92 from the water funds of the town and in the afternoon pleaded guilty to the charge in superior court and was sentenced by Judge Homer Kirby from three to ten years in the penitentiary at Walla Walla.

Canneries' Loss Put at \$130,000

Reedsport, Or.—Fire early Tuesday caused loss estimated at \$130,000, destroying the Anderson Packing company and Coast Fisheries packing plants on the waterfront. The Anderson company loss of approximately \$100,000 is fully covered by insurance, and the loss of the Coast plant, estimated at \$30,000, is partially covered.

Seattle Vessel Ashore in North

Seattle, Wash.—In a raging snow storm and a rough sea, the steamer Northwestern of the Alaska Steamship company ran aground at Cape Mudge, B. C., about 200 miles north of Seattle, and its 112 passengers and crew were taken ashore on the gas boat Explorer.

Pedestrian's Haven

Bermuda is one of the few places in the world where the pedestrian is never wrong. Here he jaywalks at will and woe betide the bicyclist or the carriage driver who infringes on his freedom. The laws of the islands require that all vehicles, including bicycles, must give right of way to foot passengers, no matter on which side of the road these may be walking. The rule of the road is the opposite from what it is in America.—Bermuda Dispatch.

Waking Dreams

"Asleep" and "awake" are relative terms. All persons do not sleep with equal soundness. Frequently one will dream most when he is merely dozing. He may then be partly conscious of what is taking place around him. A person wide awake does not dream in the strict sense of the word. In "day-dreaming" the term is used in another sense; namely, a reverie or idle exercise of the fancy.

Alligator Market

Alligators, measuring from two feet to seven feet are the choice ones for the hide market, an alligator hunter explained, stating that no matter how long an alligator is the markets pay only for a seven-foot length. The skin is not taken off the backs of the larger alligators, but the full skin, back and all, is taken from the smaller ones.

"Buttonholer Coming"

Mother had told Marjorie, age four, that when grandmother came she would sew some buttonholes on her dress and work some buttonholes. A few days later when she was informed that her grandmother would arrive that day she said, "Oh, goulde, my button and buttonholer is coming."

Net Much Attraction

"We shall be changed in form perhaps," our favorite radio preacher recently declared, "but otherwise immortality will find us as we are." Comforting to many, no doubt; but don't tell that to a man with hay fever and expect him to cheer.—Farm and Fireside.

Causes of Eclipses

An eclipse of the sun occurs when the moon, as it moves around the earth, happens to get exactly between us and the sun. An eclipse of the moon occurs when the earth gets between the sun and the moon, the shadow of the earth falling on the moon and cutting off the sunlight from it. Therefore it is physically impossible for eclipses of the sun and moon to occur at the same time.—Lynn Herald.

FEDERAL MEN RAID GANG LEADER'S HOME

Chicago.—Federal authorities raided the home of an alcohol gang leader in Blue Island, a suburb, and seized large quantities of dynamite which, it was believed, might lead to solution of recent Chicago political bombings.

United States District Attorney George E. G. Johnson, in announcing the raid, verified reports that federal authorities here were in the midst of a determined campaign to "get the higher ups" in the Cook county liquor racket.

The raid was on the home of Lorenzo Juliano, head of the Kensington-Chicago-Heights alcohol gang.

Juliano apparently had been warned in advance, and had fled. Liquor, raw alcohol, and dynamite were seized. Senator Charles Deneen, whose home was bombed Monday night, took personal charge of his republican faction's campaign against Mayor William Hale Thompson and States Attorney Robert E. Crowe.

Deneen in a speech before a political meeting, laid directly before Crowe blame for bombings, political assassinations and general crime conditions in Chicago.

BRIEF GENERAL NEWS

The German reichstag has adopted the government bill prohibiting German firms from selling arms and munitions to China.

President Coolidge has signed the Jugo-Slav debt settlement bill, providing for the payment of a funded debt of \$62,850,000.

President Coolidge has signed the bill providing for federal participation in the industrial exposition of the Pacific Southwest at Long Beach, Cal., next summer.

Arthur S. Vandenberg, republican, editor of the Grand Rapids Herald, was appointed United States senator from Michigan to succeed the late Woodridge N. Ferris, democrat.

COMING TO PENDLETON

Dr. Mellenthin

in Internal Medicine for the past fifteen years

DOES NOT OPERATE

Will be at

Dorion Hotel

THURSDAY, MAY 17

Office hours: 10 a. m. to 4 p. m.

ONE DAY ONLY

No Charge for Consultation

Dr. Mellenthin is a regular graduate in medicine and surgery and is licensed by the state of Oregon. He does not operate for chronic appendicitis, gall stones, ulcers of stomach, tonsils or adenoids.

He has to his credit wonderful results in diseases of the stomach, liver, bowels, blood, skin, nerves, heart, kidney, bladder, bed wetting, catarrh, weak lungs, rheumatism, sciatica, leg ulcers and rectal ailments.

Below are the names of a few of his many satisfied patients in Oregon who have been treated for one of the above named causes:

- H. H. Blake, Marshfield.
 - Elmer Booker, Condon.
 - Bessie Eckles, Empire.
 - D. C. Horn, Bonanza.
 - W. C. Helyer, Kent.
 - P. M. Koster, Mt. Angel.
 - Mrs. L. H. Martin, Moro.
 - Davis Steinson, Allegany.
 - Fred Shields, Klamath Falls.
 - Joe Shoeships, Gibbon.
 - D. I. Wagenblast, Portland.
- Remember above date, that consultation on this trip will be free and that his treatment is different.
- Married women must be accompanied by their husbands.
- Address: 224 Bradbury Bldg., Los Angeles, California.