The Oregon Statesman

"No Favor Sways Us, No Fear Shall Awe" From First Statesman, March 28, 1851

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Enter, the Gas Turbine Locomotive

The purchase of 67 more diesel locomotives at a cost of \$23,000,000 is announced by President A. T. Mercier of the Southern Pacific railway. That is a lot of money; and the makers of the engines probably will respond: You're getting a lot of power.

So the railroad is; and power plants that prove more efficient in operation than steam locomotives. The trend to diesels is so pronounced that scarely an order is received by engine builders for steam jobs except from foreign railroads.

But in this game of manufacturing prime movers there is no standing still. The new president of the Union Pacific, Mr. Stoddard, on his recent trip to Oregon, said his company would put into service a new gas turbine locomotive. It is a trial engine, developed by General Electric and American Locomotive company for the UP. It uses the gas turbine type which merchanical engineers have been playing around with for years; and not just playing around with it either. It is in use for aircraft, and the Swiss have adapted the type for railroad use.

In the ordinary automobile motor a mixture of gasoline vapor and air is exploded under pressure in a cylinder. The explosive force drives a piston which through a connecting rod turns a crankshaft. Through differential gears power is transmitted to the wheels. In a diesel engine the same piston action is employed, though in diesel-electric locomotives the power is used to generate electricity and electric motors really propel the train.

The gas turbine principle is to create hot pressurized gases through combustion of a fuel. Combustion is speeded by air pressure (like using a bellows on a flickering flame). The hot gases flow against the rotors of a turbine. The rotating turbine produces electric energy for the traction motors.

The advantages which are hoped for from "the gas turbine are lower weight per horsepower and use of low-cost fuels including coal. Diesel-electrics burns a relatively light oil which is expensive. The engines produce about 2,000 hp. per cab and heavy trains require an additional diesel unit to pull them. This new gas turbine for the UP will produce 4,800 hp.

The big advantage of the diesel over the steam locomotive is the much longer period between overhauls. The makers of this new gas turbine hope to extend the overhaul interim and "pay as you go"? to 15,000 hours of service, which is three times that of the diesel.

As for fuel various experiments are under way for use of powdered coal as well as oil in the gas turbine. The coal people are putting up money to finance experiments in coal use in gas turbine engines.

This summer then will see the start of the race between the gas turbine and the dieselelectric for command of the rails. Just as it will take years to replace all the steam locomotives so it will be a long time before diesels give way to the gas turbine.

One thing is certain: the railroads are counting on the higher efficiency of the new type engines to offset much of the damage to finances caused by higher wage scales, shorter work weeks and diminished volume of traffic.

Timing Bad on Reciprocal Tariff Extension

The 80th congress extended the authority of the president to enter into reciprocal trade agreements with other countries, but put brakes on tariff cuts. The president objected to the bill but he signed it. Early in the 81st session he asked for renewal of the authority, with the brakes left out. The bill he wanted got through the house, but has had slow progress in the senate. Some action will be taken before June 30th when the present act expires.

What has caused the slowdown on the bill is the slowdown in domestic business. With competition for markets of farm and manufactured products sharper more pressures have come to preserve tariff protection. Even the democrats, who traditionally are free traders, have to reckon with the condition of American business.

The dispute is over the "peril point" clause. Under the present bill the tariff commission has the power to fix the point below which a tariff should not be cut. The state department wants the clause deleted.

Foreign trade is giving some headaches. American demand for European products has fallen cuts might help revive imports, but domestic water to stain the whites.

producers protest they do not want to be hurt. Congress will have to come up with some answer on the trade treaty bill next week.

According to the McMinnville Telephone-Register the state highway commission plans to improve the McMinnville-Dayton road, particularly its access to McMinnville. The improvement will include a new bridge over the Yamhill river. This will serve the travel between Salem and McMinnville too, which is in considerable volume. In fact we strongly recommend the trip if one wants a short ride through a lovely countryside. The route goes via Wallace road through Hopewell and along the foot of the hills to the Yamhill prairie. Return may be made via Newberg and St. Paul or via 99W to Rickreall and home.

As of June 18, Marion county had brought 53 per cent of its quota in the treasury department's Opportunity drive for sale of saving bonds. With neither grunt nor whoop this county ought to glide right over the 100-per cent goal line with little effort. The longer these bonds are held the better they will be. Not only does the interest accrue, but the buying power will increase, too, as we get away from wartime inflation.

A left-wing conference at Davenport, Iowa, calls for "removal of big business domination of the (U.S.) foreign policy bent on protecting foreign investments and bent on promoting warhysteria." The resolution embalms a myth. Big business doesn't dictate U.S. foreign policy, and it certainly isn't promoting war hysteria. Business wants peace and lots of it; and as for foreign investment experience has made business skittish about that.

Dr. Althea K. Hottell, dean of women at the University of Pennsylvania and president of the American Association of University Women, told the AAUW at its convention in Seattle that women should find the common interests that bind the human race together, as the first step toward a united society. There is one such interest that crops out whenever women get together-their children (or grandchildren), of whom college women do not have many.

Congressman Lodge told young republicans at Salt Lake City that the republican party needs to be impregnated with "young ideas." That has a popular ring. But what's the matter with the old ideas of balancing the budget

President Truman has asked congress to remove postmaster appointments clear out of politics. We can understand how he feels. It has been so hard to find a good democrat among the three certified by civil service it must be downright embarrassing.

What the Alsop column referred to as the auction of diplomatic posts continues. Latest to bid one in is Mrs. Perle Mesta, wealthy Washington socialite who has been hostess to the Trumans and a generous campaign contributor in the dark days.

Commissioner Fred Peterson of Portland has asked the federal government to take over the job of inspecting all meat sold in the city, because the city's inspection isn't rigid enough. A pat illustration of why and how federal bureaucracy grows.

Nine Indian tribes of the northwest are signing a treaty of peace, friendship and mutual assistance. That is one treaty that will be observed. Maybe it will be the same with big nations: their peace treaties will be respected when they are old and impotent.

A former airforce intelligence officer told congress that Alaska is wide open to invasion from Asia, that Russia could take it all in 24 hours. So he urged congress to appropriate more money for the Chinese nationalist government, now hanging on to rather feeble life at Canton. Now you tell one.

We have just read a story about energized distribution feeders and now find it was about live wires. Next time we pick up a magazine which deliberately takes things out of English GRIN AND BEAR IT and puts them in trade-eze, we're going to write a letter to the editor.

Why should trouble break out when blacks and white swam in the pool at St. Louis and off, to the worry of Britain in particular. Tariff Youngstown? The black doesn't come off in the



(Continued from page 1)

expressed his objection to putting the economic and political future of Oregon and the Pacific northwest "in the hands of an autocratic federal corporation."

Senator Flegel is quoted as expressing the view that a CVA would "speed up the development of the northwest." But why the emphasis on speed? We are well up in front of the parade

Our preference should be for "orderly development", not with haste that wastes our natural resources (we've had too much of that as cutover lands and tired soils and abandoned mines

Morton Tompkins, state grangemaster, got in the act to boost the CVA bill, putting the hex on the Pacific Northwest Development association, accusing it of being a private power front, admitting however that he had been a paid consultant for Bonneville Power administra-

So go the hearings. Thus far they have been chiefly a reiteration of prejudices. Nothing new has been added-except Our Walter's stump speech.

Better English

By D. C. Williams

1. What is wrong with this sentence? "Half the apples is in the basket.' 2. What is the correct pronun-

ciation of "Palestine"? 3. Which one of these words is misspelled? Succeed, acceed,

4. What does the word "raucous" mean? 5. What is a word beginning with ve that means "that which ANSWERS

1. Use are when half refers to

The Why of the Hospital Drive

(Editor's Note-The Salem Hospital Development Program calls for the raising of \$1,100,000 in the Salem area. The campaign is now in progress and will be brought to the general public within a few weeks.

If you have questions you want answered, write to the hospital program headquarters, 335 N. High st. or phone 2-3851. If you have experienced difficulty in getting hospital accommodations tell the program office of your experience.)

The hospital development program office said Saturday that the William H. Crawford family, 972 Parrish st., Salem, had this experience:

SO THIS IS-!

Early last February Mrs. Crawford relapsed into a diabetic coma at our home. Neither of us dreamed that diabetes was lurking in our household. Our doctor responded to a hurried call. On arrival he summoned an ambulance.

A call to both hospitals dedoctor then contacted Superintendent McDonald at Salem General asking that a bed be screened in on a ground floor hallway and every preparation made for a very serious case.

Arrival at the hospital found things in readiness. For many hours thereafter I stood by wait-

ing while two doctors worked over my wife in efforts to bring her back to the land of the living.

Meanwhile nurses and attendants did everything possible to help. Next day Mrs. Crawford was placed in a six bed ward where she spent 12 days. In spite of many obvious handicaps, her treatment, to use her own words, "was superb, deserv-

ing of the greatest praise." Only that fine spirit of coveloped the fact that no rooms operation between doctors and were available at the time. Our hospital staff makes it possible for Salem to get by with inadequate facilities, without many improvements now long over

> Until emergency strikes, we may take some things for granted, but time has run out, tempting fate, as far as the Salem hospital situation is concerned.

The search for new drugs is endless. Medical chemists are constantly attempting to devise new and more effective remedies for every kind of illness. Recently, a drug known as dibutoline, which seems to have a powerful, soothing effect on smooth muscle tissue of the type which makes up the stomach and bowel, has been discovered. There are various disorders in which muscles of the intestinal tract tighten up excessively and go into spasm, thus causing periodic attacks of pain. One type of muscle spasm occurs in the condition known as spastic colitis, in which attacks of diarrhea alternate with constipation and there is marked

When dibutoline was given to a group of patients suffering

a plural noun. 2 Pronounce thei as in valentine, 3. Accede. 4. Hoarse: harsh: rough. (Pronounce ro-kus, o as in soft). "He could hear the raucous voices of the people." 5. Veracity.

By Lichty

Bundensen, M.D. from spastic colitis, complete relief of pain occurred in one to 10 minutes. The relief lasted in some cases for several weeks, and in others, for from two to three hours. No other treatmen! was employed while the dibutoline was used.

Written by

Dr. Herman N.

There also is a disorder known as diverticulitis, in which pouches form on the large intestine. In this disorder also, pain in the abdomen occurs. Patients with diverticulitis, treated with dibutoline, were kept free from pain. The drug, however, had to be administered from three to eight times daily.

Dibutoline was also found useful in the treatment of ulcerative colitis, in which there is inflammation of the bowel, together with the formation of ulcers. The drug assisted in controlling the abdominal discomfort and lessening of the frequency of bowel movements.

The muscle between the stomach and bowel is known as the pyloric muscle. Spasm of this muscle may occur when there is an ulcer of the first part of the bowel, called a duodenal ulcer. When a spasm of this type occurs, pain develops. Complete relief of this type of pain was also produced with the dibuto-

It would appear that this preparation is effective in relieving pains produced by spasm of the bowel muscle. The drug must be given by injection under the skin. So far, dibutoline has been used in relatively few cases, but when it becomes available for general use, it should prove a great value in a variety of intestinal disorders. QUESTIONS and ANSWERS

C. E. F.: I am on the verge of nervous breakdown. For the past two years my head shakes. What would you suggest?

Answer: Examination should be made by a neurologist to determine the cause of your trouble. It may be due to the beginning of what is known as Parkinson's disease or paralysis agitans.

Until the cause is found, proper treatment cannot be suggested. (Copyright, 1949, King Features) TRUCK DRIVERS TO VIE

PORTLAND, June 24-(A)-Most of Oregon's larger trucking concerns will have entries in the annual contest here Sunday to determine the state's champion truck driver. The driver who does the best job of handling a big rig on a difficult obstacle cours will represent the state in

Literary Guidepost

By W. G. Rogers

Miller (Exposition Press; \$3 50)

About 100 pages of critical and explanatory comment by Mrs. Miller and 50 more pages containing undergraduate themes written by Stein at Radcliffe comprise this newest volume in the lengthening Stein bibliography.

which are in the Yale university talling \$45,620. library, appear to Mrs. Miller, and to this reviewer, too, to be unusually promising material Dated 1894 and 1895, they are on a considerable variety of subjects, such as the quarrel of two brother and sister, the relations of two young people, the wild shorter pieces, the laboratory, o C. Keck. painting, Meredith, Pater.

the instructor, and his notations

papers were not unfair, and not unprophetic; he could be proud himself for ever encouraging so during this morning's session, controversial a writer. "An extraordinary composition," wrote in one place; and in another, "considerable emotional intensity . . somewhat unusual power of abstract thought." It is strange, however, to see Stein accused of lacking "artfulness of literary method." He labeled the one sentence of all CIRCUIT COURT in which there is a stylistic hint proves to be the first of innum- swer to complaint. erable recorded critics to remark: "I wish that you might overcome DISTRICT COURT your disdain for the more necessary marks of punctuation."

tient examination of Stein's writ- preliminary hearing, bound over ings and the exposition of sev- to grand jury, held in lieu of eral theories: That it was not \$1,000 bail. automatic, that it was a "continuous-present technique"; and that it is obscure in part for the \$50 and costs. reason that there are many confidential, personal references PROBATE COURT These theories have all been discussed before.

was not in this country in 1936: per month and expenditure of \$100 she and Alice B. Tokias deliver- for clothing and other expenses. ed World War I supplies to French, not American, soldiers: she met James Joyce at Jo Davidson's home, not at Joyce's.

Dr. Baron Gives Research Paper

OREGON COLLEGE OF EDU-CATION, June 24 -(Special)-Dr. Robert B. D. Baron, professor of psychology here, presented a research paper Friday at the annual meeting of the Western Psycholo- Church st., both of Salem. gical association at the University of Oregon.

cations for mental health of so- lem. cial acceptance, or lack of such, Donald Frederick Scheelar, 21, in the elementary grades. Dr. Baron also is head of the testing bureau here.

\$30,400 Added To Hospitals' GERTRUDE STEIN: FORM AND INTELLIGIBILITY, by Rosalind Campaign Fund

Twelve subscriptions for a total of \$30,400 were added to the Salem Hospital Development fund during the week, it was announced

The week's contribution raised to \$138,850, funds reported by the advance gift committee. Doctors The Radcliffe manuscripts have to date 34 subscriptions to-

Recent subscriptions included those by Chandler Brown, Werner Brown and Mrs. Keith Powell. for a private bedroom on the maternity floor in memory of Elva Breyman Brown; Donald E. brothers, the walk taken by a Woodry, supervisor's office in memory of F. M. Woodry: and Mrs. W. C. Keck, supervisor's ofimagination of a girl and, for fice in surgery in memory of W.

William Vaughn Moody was NURSERYMEN END MEET

CORVALLIS, June 24-(AP)-More on his then unknown student's than 150 Oregon nurserymen wound up their annual conference at Corvallis late today. They of them today, or he could kick visited the OSC horticulture farm

Public Records

Emil F. Schermacher vs Allie

of the future Stein. And he Schermacher: Defendant files an-

C. S. Miller, Salem route 4, box 898, charged with obtaining prop-The rest of the book is a pa- erty by false pretenses, waived

> Roy Ivan Pottratz, Canby, reckless driving, pleaded guilty, fined

Marinus Verhagen guardianship: Order authorizes increa. in There are some errors. Stein ward's allowance from \$25 to \$50

Eldon Wayne, Helen Joy and Glenn E. Groff guardianship: Order appoints Helen E. Groff as guardian.

MARRIAGE LICENSE APPLICATIONS

Donald Wayne Fawver, 20, service station salesman, and Helen Estelle Vessells, 17, both of Veneta, Ore. George Grinde, 23, warehouse-

man, 740 University st., and Ardana Phelps, 21, cashier, 1647 N. Harry Parsegian, 31, millwork-

er, Lebanon, and Alberta Dunham, His paper dealt with the impli- 23, clerk, 685 N. Church st. Sa-

clerk, 995 N. 5th st., and Dessa Lee Holmes, 22, nurse, 2155 Laurel ave., both of Salem.

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Death of Sophoulis Blow to Greece

AP Foreign Affairs Analyst

WASHINGTON, June 24-(AP)-The death of Greece's veteran Premier, Themistokles Sophoulis, comes at a partiularly inopportune time, with Greek recovery and the campaign against the communist guerrillas beginning to show some signs of success.

Sophoulis has been of great help to the American effort in Greece through his mediation of extreme views among the many factions in the government. Ever since the war the cabinet has ended to fly off in all directions under the least pressure, and onby in recent months had any defree of real stability been attain-

The crisis resulting from his death may not prove too serious. One of the great causes of trouble heretofore was a conflict over control of the army. That branch has now been reorganized and has been making real progress. It has nearly 150,000 men and, with continued American aid, is

expected to do by next fall which many think it would have accomplished by last fall but for its internal conflicts - that is, win the guerrilla war.

In the early days after the Germans were routed the Greek government fell back into the old pattern of dictatorship, with ruthless political retaliations which created disunity. That had to be cured before there could be any real campaign against the communists, and it was largely cured through American advice. The people as it is put by Gen. Van Fleet, U. S. military adviser, "Are beginning to breathe again and to enjoy all the free-

This has been accompanied by a worsening of the position of the guerrillas. The conflicts withthe cominform has split Greece's external enemies. Yugoslav support for the guerrillas has dropped almost to the vanishing point and may have ended

entirely. Albania, a major base for the rebels, is isolated from the rest of the communist sphere and can give little real help. Hungary has other troubles to oc-

my of the Tito regime, and Yug-

is particularly important lest Greece fail to take advantage of these developments. In the shifts which are bound to take place as a result of Sophoulis' death, the United States will have a vital interest in seeing moderate government continued.

cupy her. There have even been reports that Yugoslavia no longer per-mits the communists to base themselves within its borders. For every Moscow-oriented communit is now considered an eneoslav border guards have been strengthened for the very purpose of preventing their infiltration. Gen. Van Fleet said he had confirmed a lessening of communist activity along the Yugoslav border. Political unity in Athens, then,



"I fear many families lost everything they had, boys hundred cars were destroyed in this fire . . .