

Chemists Turn Base Metal into Gold—But Process Too Costly

CHICAGO, Nov. 26—(AP)—Ancient alchemists tried in vain to turn base metals into gold. It remained for atomic scientists to accomplish the trick—but it costs much more than the official price of gold.

Dr. Arthur J. Dempster of the Argonne National laboratory, reported today it has been learned that a small portion of mercury will change to gold if bombarded by neutrons in an atomic pile. This isn't an easy method of making gold. And it costs many times the \$35 an ounce official price of gold.

Dr. Dempster said Argonne physicists found that a very weak mercury isotope—or particle of matter made radioactive—had a great capacity to absorb neutrons. This particular isotope has an atomic weight of 196. A sample of the mercury 198 was sent to the Hanford (Wash.) laboratory of the atomic energy commission and placed under neutron bombardment in the atomic pile there. It was left in the pile two weeks.

At the end of that time it was found a small portion of the mercury had been transformed into gold. Under prolonged bombardment, Dr. Dempster said, five per cent of the sample would have been transformed into gold.

Dr. Dempster said it would be virtually impossible to estimate the cost of an ounce of atomic gold. "You would have to figure the cost of the Hanford pile," he said, "of course, it cost us nothing."

He said the finding was made as a result of "random" experiments two years ago and never publicly announced.

He said three Argonne physicists are responsible for the findings. They are Drs. G. Ingraham, David C. Hess, Jr., and Richard J. Hayden.

Woman Seeks Way To Keep Flowers Fresh Indefinitely

VICTORIA, B. C.—(INS)—A secret process that some day might put many florists out of business is being developed painstakingly by a Victoria woman.

Mrs. F. P. Wenman believes she has discovered a method to preserve cut flowers indefinitely. As evidence she has roses reportedly cut more than a year ago that retain the color and fresh appearance they had on the bush. She says:

"I have been working on the process five years and I think I have succeeded. I'm now trying to find a way to speed it up."

Mrs. Wenman will not reveal any details of her process. She said, however, it involves much handwork. It is not ready now for commercial use and may never be.

What its effect on the commercial flower trade might be is questionable, she said. She pointed out, however, that florists have profited by the perishable qualities of their merchandise for many years. Mrs. Wenman began her work with forget-me-nots, sweet peas and pansies. She is certain that it may be extended successfully to other large flowers besides roses.

GOLD DEMAND

MEXICO CITY—(INS)—Banks in Mexico City are finding gold in heavy demand since the British devaluated the pound. They report confidence in the dollar is becoming less with the expectation of a drop in the value of United States currency.

Additional Sports

Gamecocks Nab Thriller

COLUMBIA, S. C., Nov. 26—(AP)—Quarterbacks Ed Pasky and Bo Hagan led South Carolina to a wild 27-20 Southern conference football victory here today against Wake Forest. Pasky intercepted a pass a yard behind his goal line and ran it back all the way to provide the margin of victory.

TULSA LOSES

FAYETTEVILLE, Ark., Nov. 26—(AP)—After a shaky start, the Arkansas Razorbacks won down a smaller University of Tulsa eleven today, 49 to 7. A crowd of 12,000—its smallest to see Arkansas play in several years—watched the underdog Hurricane score first, clinging to a 7-7 halftime deadlock and then wilt under a five-touchdown onslaught by the Southwest conference team in the last two periods.

Pacific Coast Prospects for Growth Bright

WASHINGTON, Nov. 26—(AP)—The Pacific Coast holds the brightest prospects for growth and opportunity of any geographical section of the country during the next 20 years, the agriculture department said today.

A department study on population growth concludes that the three west coast states are the only part of the country likely to have a larger proportion of the nation's population in 1975 than at present. The study estimates the U. S. population in 1975 would be about 188,585,000 under conditions of high fertility, low mortality, 200,000 annual net immigration and high internal migration. The present population is about 149,215,000.

The population would be about 162,337,000 in 1975, the department said, under conditions of medium fertility, medium mortality, no net immigration and low internal migration. Under the higher population estimate, the Pacific coast region could be expected, the department said, to have 13.18 per cent of the population compared with 10.01 at present. All other regions would have either the same or a smaller percentage of the total than at present.

Under the lower population forecast, the Pacific coast could be expected to have 12.12 per cent of the total compared with the present 10.01. Similarly, other regions would either hold their own or lose in the proportionate shares.

In making its population projections by regions, the department took into account trends of past 30 years.

All divisions other than the Pacific have shown either a decline or no significant change in their shares of the national population during recent decades.

Judge Affirms Picketing Ban At The Dalles

PORTLAND, Nov. 26—(AP)—A circuit court order today put a permanent ban on CIO longshoremen's picketing of the Port of The Dalles. The court ruled the union cannot strike against the government or any arm of government.

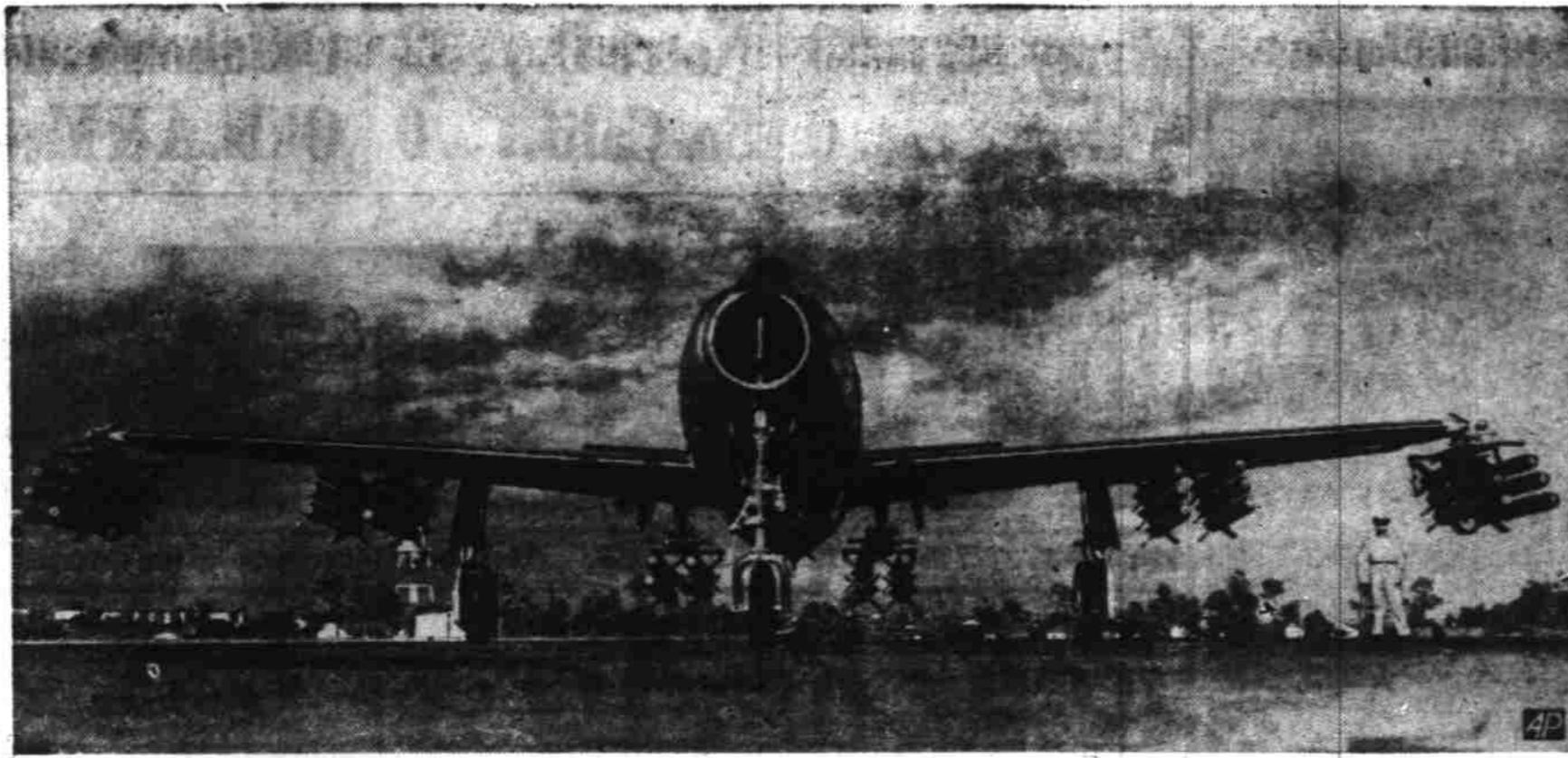
The order had slight effect, since picketing long since had ceased under a temporary restraining order, and only rarely does The Dalles have longshore work.

The order, issued by Judge Walter L. Tooze of Portland, resulted from the recent "hot pineapple" controversy at the Columbia river port. The pineapple was brought from Hawaii by barge at a time when longshoremen in the island were on strike.

Portland longshoremen picketed the port-owned dock where the barge tied up. A riot broke out with several men injured and some pineapple cartons damaged.

Later, under the temporary restraining order, the pineapple was unloaded by non-union help and went to California by truck. The barge has sailed away.

Judge Tooze's order said the longshoremen did not have the right to picket a governmental agency—in this case the publicly operated port district. "Labor, which has the legal right to strike and engage in peaceful picketing against private employers, cannot strike against the government, or any arm of government," Judge Tooze held.



JET PROPELLED FIGHTER-BOMBER—This F-84E Thunderjet, a high-speed long range fighter, has become the Air Force's first jet propelled fighter-bomber. It is equipped with 32 five-inch rockets and six M-3 50 calibre machine guns.

Bitter Cold, Snow Plague Eastern U.S.

By The Associated Press

Bitter cold, heavy snow and road-glazing sleet plagued wide areas in the eastern half of the country Saturday.

The mercury dipped below zero in parts of southern Michigan and northern New York. Freezing weather extended from the Dakotas to Mississippi and from Maine to northern Florida. A storm center moving rapidly eastward brought heavy snow to northern Minnesota, northern Wisconsin and upper Michigan. Sleet and glaze fell on southeastern Minnesota and central Wisconsin.

Flint, Mich., had an overnight low of 7 below zero. Lansing, Mich., had 5 below and Battle Creek, Mich., 1 below. Temperatures moderated during the day as a heavy snow began falling throughout most of the state.

Sub zero cold in northern New York froze the Chippewa bay on the St. Lawrence river the first time this season. Ice was an inch thick. The lowest unofficial reading was six below.

In the deep south, the mercury slipped to 21 degrees at Anniston, Ala., and 27 at Vicksburg, Miss., before warmer southwest breezes chased the cold away. Many sections in the path of the snow storm got up to six inches of new snow in a few hours. At noon Saturday, Park Falls, Wis., and Marquette, Mich., had 14 inches on the ground.

Man Charged With Murder Of Grandfather

ROSEBURG, Nov. 26—(AP)—A 20-year-old ex-college student was arraigned today on a first degree murder charge, accused of bludgeoning his grandfather to death.

Wallace Green, Bremerton Wash., former student at Olympic Junior college, asked to have a preliminary hearing date set later.

The murder charge was filed this morning, after an autopsy showed that 77-year-old Robe Thomas Green had died of a blow on the head.

The elderly man was found in the kitchen of his home at Dillard Thanksgiving afternoon.

Young Green, who had been living with the grandfather two months, said he found the man dead: "I did not," he told police, "participate in my grandfather's demise."

Police said it was believed that the youth was the grandfather's heir.

Mother Whale, Calf Die After Separation

ST. PETERSBURG, Fla., Nov. 26—(AP)—The best efforts of man could not help a mother whale and her calf which was born on a beach. Both died today.

The 1,500-pound mother whale died struggling to find her baby. The calf died a little later in a tank where experts tried to keep it alive.

Mother whale—of the pygmy sperm type—came into shallow waters at St. Petersburg beach yesterday to have her calf. But the wind and tide pushed them out of the water. The mother and her newborn were left high on the beach.

Passersby spotted the floundering whale. They carried the baby to the water, then tied a rope around the mother whale and with a truck towed her into the Gulf of Mexico.

The mother whale swam slowly out to sea. The baby tried to follow but couldn't make it. It finally was put in a tank.

No one thought the mother would be seen again.

But the mother came back to seek out her calf's birthplace during the night. She was found dead near the spot.

Chinese Reds Seek Isolation Of Chungking

CHUNGKING, China, Nov. 26—(AP)—Communist troops pressed towards this Chinese nationalist capital today in an arc only 50 miles to the east.

At the same time they were moving rapidly to isolate the city on the south and southwest.

Spearheads of two red forces totalling 95,000 men were officially acknowledged to be 50 miles away in the vicinity of Nanchuan. The front was on a 45-mile-long curve from that area northward to Fowling.

The defense ministry also acknowledged that the reds striking northwest from captured Kweiyang were within 50 miles of the highway town of Pichieh. Once they take that town, they will have cut the road that leads 400 miles from Chungking southwest to Kunming. This would be a blow to nationalist escape hopes.

A 35,000-man red force also was acknowledged to be moving north from Kweiyang at unspecified places within 95 miles due south of Chungking.

(The communist radio in Peiping said the reds Friday captured Luchow, site of an American air-base in World War II, but the nationalist defense ministry did not admit it. Luchow is an important center in Kwangsi province. Its capture would represent a red advance of 90 miles in the three days since they took Kweilin, provincial capital.)

Recruits Noticeable
Nationalist recruits were more noticeable on the streets of Chungking, and 40 of them broke into the empty American consulate in search of shelter. Visiting in Chungking, Senator William F. Knowland (R-Calif.) had a second long conference today with Generalissimo Chiang Ka-shek. The senator planned to fly back to Hong Kong by way of Hainan island Sunday.

Salem Nursing Home

3595 D Street
Experienced Nurses
24 Hour Service
Best of Foods and Diets
To Your Doctors Orders.
We Are A State
Licensed Nursing Home
Your Protection
For A Better Service
Miss Bernice Struckmeier,
Superintendent
For Appointment Ph. 2-3853

LOOK FEEL YOUR BEST!

Get Needed Dental Work NOW..... Pay for it LATER,



DR. PAINLESS PARKER

on "ELASTIC" Credit

Whatever You Need in Dentistry...

you can have done immediately... and pay for it on "Elastic" Credit that stretches to meet your special needs. On acceptance of your credit, weekly or monthly budget payments that you can easily afford.

YOU ARE TOLD EXACT COST IN ADVANCE

When you have dental work done at Painless Parker offices, you are always told the exact cost in advance. This is one of the reasons more than 6 million people have had dentistry at Painless Parker offices.

Pay for Dental PLATES While Wearing Them

Modern dental plates are lighter in weight, stronger, more resilient. They are more natural-looking. You can get a modern dental plate at once... pay for it on "Elastic" Credit!

NO APPOINTMENT NEEDED NO WAITS! NO DELAYS!

PAINLESS PARKER Dentist

125 N. Liberty Street, Salem, Oregon

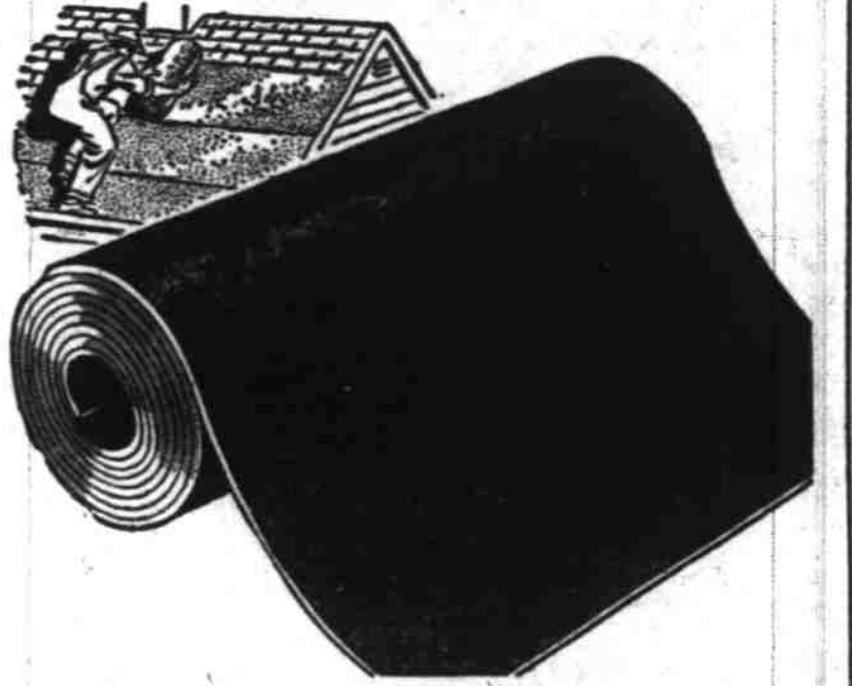
Telephone Salem 3-8825

Offices in Eugene and Portland

also in all principal Pacific Coast cities



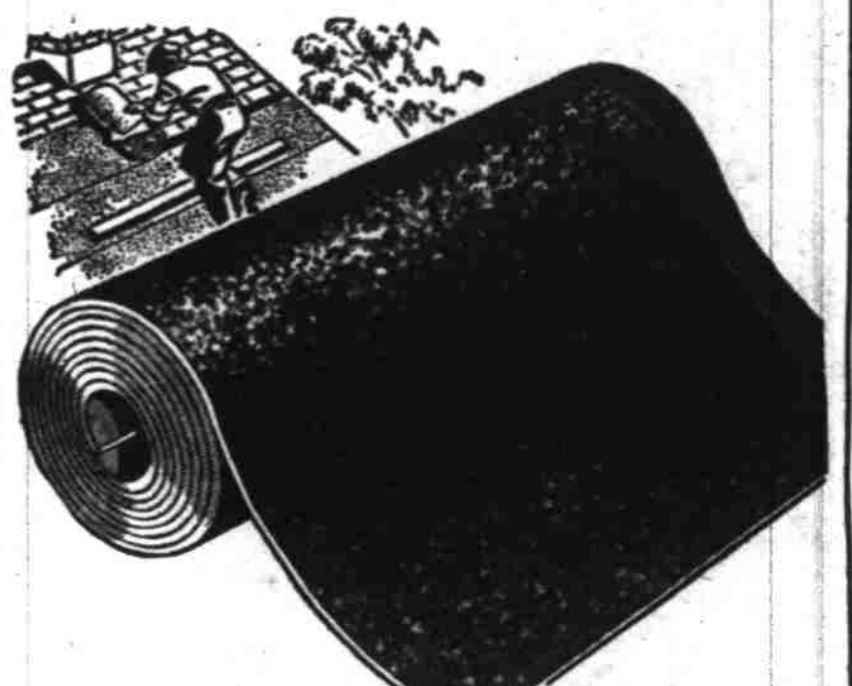
Roof in the Rain For Added Gain



Homart Economy-Priced Quality Roll Roofing

Reg. 2.19 Now **2.09**

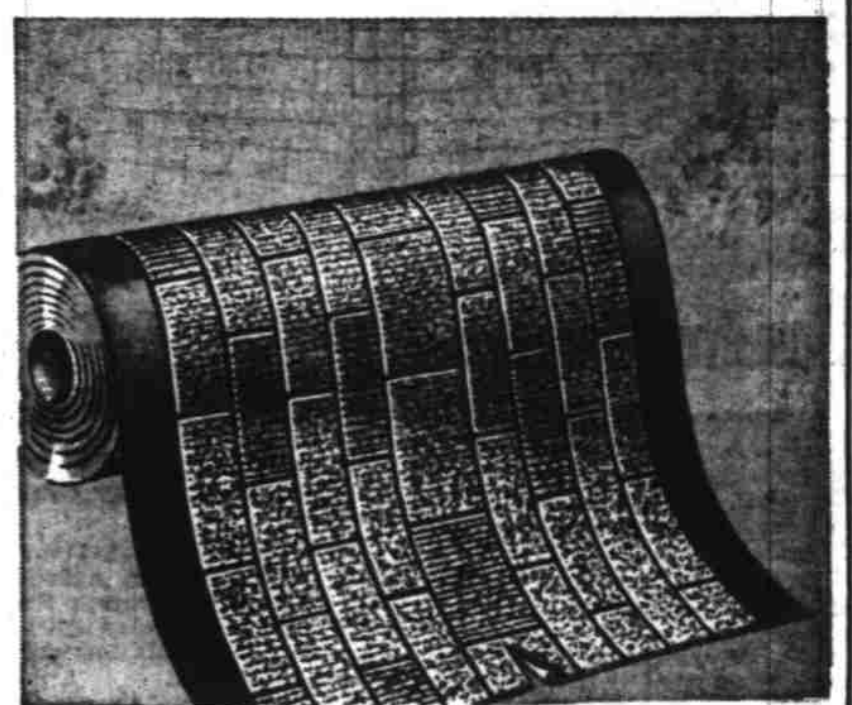
Homart low-priced heavy felt base roofing, ideal for temporary buildings or small farm buildings. 100% pure asphalt coating; surfaced with mica to give it protection from severe weather. Roll is 36x3-ft. Nails, cement, and instructions included. Now at Sears!



Low Cost, Protective Homart Roll Roofing

Reg. 3.11 Now **2.98**

Colorful, long-lasting protection for farm buildings, garages, cottages and other buildings. Fade resistant colors of jade green, tile red or slate black. Rolls are 3 ft. wide, 36 ft. long, cover 100 sq. ft. 2-in. headlap. See this quality, low cost roofing at Sears! Also in red blend and blue blend.



Homart Roll Brick Siding Adds Beauty

It's Economical **4.69**

Extra durable, heavy asphalt brick design siding makes your home more attractive... fire resistant... Thick felt base is 100% asphalt saturated in fade resistant red or buff colors. Roll covers 100 sq. ft. See it, apply it today and save!

Shop 'til 9:00 P.M. Friday

Plenty of Free Parking — Shop in Air Conditioned Comfort

Satisfaction guaranteed or your money back! **SEARS** 550 N. Capitol St. Phone 3-9191

Save UP TO 10 HOURS ON YOUR NEXT TRIP EAST

Via The SANTIAM HIGHWAY

New schedules and Trailways direct route east now saves you many hours on trips to Bend, Boise, Twin Falls, Ogden, Salt Lake and points south and east.

Departures: 9:05 A.M. - 2:45 P.M. and 4:05 P.M.

TRAILWAYS

THE FRIENDLY NATION WIDE BUS SERVICE

520 N. High St. Phone 3-3815