Quicksilver or Mercury
Is Derived From an Ore

Quicksilver, or mercury, is de-rived from an ore that is a mixture of sulphur and mercury, called "cin-nabar," and when very pure is a brilliant vermilion. It was from this source that vermillon used to be obtained. Nowadays, however, it is usually made by heating mercury together with sulphur, potash and Mercury is called "quick" silver because it seems as if alive, so live-because it seems as if alive, so live-ly is the way in which it runs about it is a fluid—that is to say, moleen—at temperatures which ren-

der other metals solid.

Some tribes of California Indians

have used cinnabar for red paint since prehistoric times, frescoing their faces and bodies with it. To get the quicksilver from the

ore it is necessary merely to sep arate it from the sulphur with which it is chemically combined,

and this accomplished by roasting. The ore goes from the crush-

er into a furnace, where high heat volatilizes the quicksilver, the latter

being thereupon precipitated pure in a water-jacketed condenser. Out

of the condenser it runs in a silvery stream and is put up in

wrought-iron flasks for market. The metal has a strong affinity for gold,

and is used in connection with gold mining.—Tit-Bits Magazine.

The Congressional Medal

The Congressional Medal of Honor is the highest American award for valor; it takes two forms, an army medal and a navy medal. It was firstituted in 1862 and prior to

als had been awarded. There were 90 awards of the medal to Ameri-

cans for World war services and six medals were bestowed on the Unknown Soldiers of the allied

Thickness of Earth's Crust The thickness of the earth's crust has been variously computed

to be ten, twenty or more miles. Observations on earthquake motion by Milne and others indicate that the rock material may extend for

some thirty miles. Researches in regard to the radioactive sub-

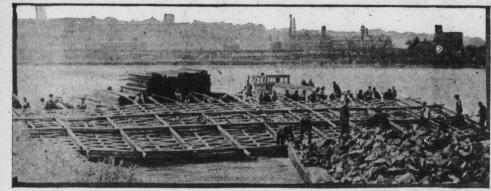
stances present in rocks suggest that the crust is not more than fifty

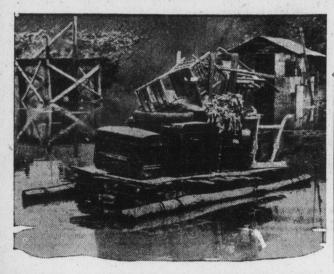
Where Word "Tariff" Comes From

Tarifa, on the most southerly point of Spain, is an old pirate

World war 1,722 of these med-

Safeguarding Kansas City From Flood Waters



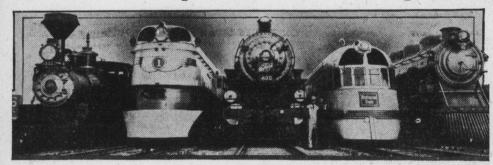


Waters Cause Much Damage to Property

Workmen were rushing to the dike that protects the Kansas City airport and other parts of the city when the Missouri and Kaw rivers went on a rampage. The scene above shows the men laying riprap in an effort to prevent a break in the levee, which protects Kansas City.

Not so fortunate were other sec tions along the rivers. Any kind of craft that would float was pressed into service by residents in the inundated areas. Hundreds were driven from their homes and property damage ran into millions of dollars. At the left is a picture taken near Turner, Kan., of a raft bearing the belongings of some householder along the Kaw river.

New and Old Depict Advance in Transportation



Railroad week was marked in Chicago by the presence, side by side, of four of the crack new fast trains and a veteran of the rails. In the photograph, left to right, are the Burlington's old 35, the Milwaukee road's Hiawatha, the North Western's 400, the Burlington's Zephyr, and the Alton's Abraham Lincoln. These new monarchs of the rails bear but little resemblance to the old "tea kettle" with its bell stack. Radical new improvements are enabling the railroads to make drastic reductions in running schedules, and at no reduction in safety. Air conditioning, comfortable new passenger coaches, and other modern features have been introduced to add to the comfort of the traveling public.

Wins Coveted Award in Sculpture



John Amore of New York is shown here with his figure, "The Astronomer," which won for him the Paris Prize in Sculpture of the Beaux Arts Institute of Design. The award is \$1,200 in cash and a year's schol- the new program devised for the arship in sculpture in Paris.

Appointed Marine Corps Air Chief

Lieut. Col. Ross E. Rowell is the newly appointed chief of all the aviation units of the marine corps



last campaign in Nicaragua and has headed the stunt pilots of the corps in recent national air races. It will be his job to put into effect

Twenty Children in 21 Years Is Her Record



If the stork hadn't skipped her in 1916, Mrs. Pauline Cole of White Marsh, Md., would have had a child for every one of the 21 years she has been married. She has 20 children and they came one at a time, and she is not yet thirty-eight years old. Here, at the right of the line, is Mrs. Cole with some of her progeny.

Scenes and Persons in the Current News



1—Jobless cripples marching to the New York city hall to demand employment. 2—View of the collseum the fair grounds at Springfield, Ill., where the "grass roots" Republican conference of the Middle West was held. 3—Leonard P. Steuart of Washington, the new imperial potentate of the Shriners.

NEW ARCHBISHOP

Portrait of Msgr. Arthur Hinsley Westminster to succeed the late

erected the tent city of Palmer in

Midwest Opens 1936 Campaign

First shots in the 1936 campaign were fired by 5,000 Mid-West Re-publicans gathered at Springfield, Ill., in a "grass roots" conference which they think sounded the key-note of the G. O. P. 1936 fight for the Presidency.
"Save the Constitution and dem-

ocratic government in America," was the pervading theme from the opening keynote of Frank O. Lowden, former governor of Illinois. With this as a basis, the delegates declared they have formulated an expression of Midwest thought.

At Excelsior Springs, Mo., James Roosevelt, son of the President, departed from a prepared address to charge that the Republican party is dead and that the Springfield con vention "is looking for the body." The Republicans are seeking to raise a false issue in the Constitution, Roosevelt said.

Republican leaders, however, assert that the Constitution will be the leading issue of the Presidential

Children of "Pioneers" Already Play Baseball

Living in a wilderness does not dren are part of the party of plodeter the future Babe Ruths and neers who recently went to the Dizzy Deans from playing the grand old game of baseball. No sooner had where they will seek to establish came from this section of the coun-

financing them in their move from

SETS WORLD RECORD



track star of Fulton, Mo., running at Kansas City, bettered by twocampaign, and that New Deal principles will be repudiated by the voters. Only time can tell which is right.

tenths of a second the world 100 meter dash record for women held by Stella Walsh. She ran the distance in 11.6 seconds.



stronghold from which we derive the word tariff. The name signifies "the reckoning." Formerly the piships plying the coast. The town is a barbaric place and its houses, with barred and shuttered windows,

rates levied toll from all merchant

miles thick.

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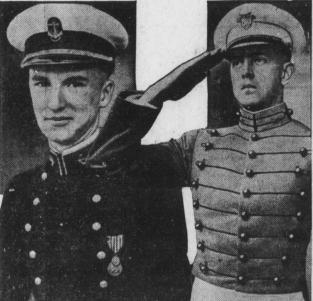
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Honor Men of the Armed Service

their pioneer fathers and mothers new homes. The government is

Alaska than the children of the unproductive farms to the north group had laid out a diamond and country. Not all of Alaska is the

began to play baseball. The chil- dreary Arctic region one usually



Midshipman L. L. Shock, Jr. (left), was the top honor man of the graduating class at the United States Naval academy at Annapolis; and Cadet John D. Bristor of Passaic, N. J. (right), headed this year's graduating class at West Point.

Padre of the Roses

new crops.

Rev. Father George M. A. Schoener of South Barbara, Calif., a mild-

try, they should suffer no undue hardships. Reports from Palmer indicate that these people have al-ready begun breaking soil for their



annered little man, is known as the "Padre of the Roses." Throughout the world he is recognized as an outstanding genius in rose cul-ture, and before long he will display to the public some of the products of his experiments.

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