

THE RICHMOND PALLADIUM

AND SUN-TELEGRAM

Published Every Evening Except Sunday by
Palladium Printing Co.
Palladium Building, North Ninth and Sailor Streets,
Entered at the Post Office at Richmond, Indiana,
Second-Class Mail Matter.

MEMBER OF THE ASSOCIATED PRESS
The Associated Press is exclusively entitled to the use
of all news dispatches credited to it or
not otherwise credited in this paper and also the local
news published herein. All rights of republication of spe-
cial dispatches herein are also reserved.

Preparing Better Teachers

Gov. McCray in a speech here a few weeks ago described the poor preparation which many teachers of rural schools had, citing instances in which teachers who teach primary grades spent their time at a normal school studying branches that did not prepare them for their immediate tasks.

Conditions in Indiana are duplicated elsewhere. Ohio is trying to weed out poor material in prospective teachers before it reaches the normal school. V. H. Riegel, state director of education, will advocate a change to this effect before the next state legislature.

"It's becoming a fact that many graduates of normal schools in this state are not fitted to teach," he said. "A girl who doesn't know the things she is supposed to teach, can't teach them."

He estimates that at least 10 per cent of ap-

lications for licenses to teach under the present system are not qualified for the profession and should be barred.

Gov. McCray is acting on the theory that if a teacher proposes to teach the subjects of the lower grades, she would be thoroughly trained in methods of accomplishing that end and should not be wasting the state's money and her own time acquiring learning that has no specific value in the particular work she will perform in the school system.

Most citizens will agree with the governor's view, which seems to be corroborated by the statement of the director of education in Ohio. Teachers of the rural schools should be as efficient as those in the cities. Their training in the normal schools should fit them for their tasks so that the boys and girls who are under their tutelage will not be made to suffer from the poor groundwork which the teachers lay in the early years of their schooling. If the work of teaching the rudiments is bungled by inefficient teachers, the boys and girls will suffer throughout life. And this becomes all the more important when one remembers that the vast per centage of boys and girls do not have an opportunity to attend college. The standard of the grade and high schools should be maintained at the highest notch, but this can be done only if the teachers are carefully trained for the work which they are to perform.

Oil Wells Old and New

Kentucky Wells Bring Riches to Many Mountaineers from Land Too Poor to Cultivate.

BY FREDERICK J. HASKIN
BURKESVILLE, Ky., Oct. 7.—In the history of the conversion of natural products into commodities useful to man nothing seems stranger than that petroleum was known by ancients and known continuously for uncounted centuries, yet did not become an important commercial product till 50 years ago.

From the Latin words "petro", a rock, and "oleum", oil, we get the name "petroleum"—"rock oil." The "slime" spoken of in the Old Testament in the construction of the tower of Babel was partly evaporated petroleum. The inhabitants of Nineveh and Babylon used it as a binder for brick as mortar is used nowadays in making walls. Oil springs on the island of Zante are mentioned by the Greek historian Herodotus.

Egyptians used petroleum in embalming and imported it from the vicinity of the Dead Sea centuries before the birth of Christ. Lamps of the temple of Jupiter were lighted with oil from the springs of Argentum on the island of Sicily.

Persians, Chinese, Japanese, used it to a limited extent, 3,000 years ago. The mound builders who preceded the American Indians of the period of Christopher Columbus, made use of it. Yet when a man drilling for salt near Burkesville in southern Kentucky in 1829 struck oil he was disappointed and alarmed, and did not realize that he had tapped what was to become a natural resource enormously valuable.

The story as told in Burkesville is that the salt well driller had been several times disappointed. Making another attempt he remarked that he would drill till he should "strike salt or strike hell."

When he struck oil and a gusher poured its contents into Cumberland River, caught fire and covered the surface of the stream with flame, for 50 miles, he was sure that he had made good his boast. According to the legends of the Cumberland he started running from the scene and perhaps still is going, as the Flying Dutchman still is sailing his ship.

Nowadays every drug store sells clear tasteless "mineral oil" as medicine. When the Burkesville well stopped burning, or when means were found to stop it a company began bottling the crude oil and selling it as medicine, while "Seneeca oil" was being sold from the salt wells of the Pittsburgh region and from a spring in which oil flowed near Cuba, New York.

Beeswax, tallow, whale oil and lard oil were the popular illuminants in those days, and whales were becoming scarce. Crude petroleum was unfit to burn indoors because of the smoke and odor. The first patent for refining it was not granted till 1850. All the history of kerosene has been written since then. Gasoline is a later product, and more recent than the first manufacture of gasoline is the use of oil as a binder for roads, a use somewhat similar to that made of it Baby-lon.

Oil and Coal Development.

Oil wells have changed the aspects of life in the oil counties in Kentucky much less than coal mines have changed life in the coal counties. Coal development makes cities, business upon a far larger scale than oil development. The former villages of the valleys of the Big Sandy, the Cumberland and the Kentucky have been made so important by coal that various cities are in hot competition for the business that is to be done in them. Cincinnati, Louisville, Knoxville, and Huntington send traveling men into territory which hardly was on the trade map till coal made it rich. Oil is tapped. There is a boom. The oil towns are crowded beyond capacity for a time. But when the last wildcat territory has been developed and the oil is flowing through the pipeline, evidence of the boom consists to a considerable degree in tales of sudden wealth which came to poor land holders who, in many instances, left the mountains to settle in the Bluegrass where roads are good and automobiles may be used. It is said commonly in the Bluegrass that mountain money has done more than anything else to advance the price of farmland in the central counties.

Many mountain farms, which rewarded labor so slightly that no sentiment for the home bound the owner to the soil when he sold out to an oil company or took his one-eighth royalty are abandoned to idle growth. Their former owners are living in the section of the state which James Allen has celebrated in novels descriptive of the soil and the social life of the region in which all roads lead to Lexington.

Irvine, in Estill county has become a substantial town, but mainly because of large railroad yards established nearby after the oil development. Beattyville, the county seat of Lee

After Dinner Tricks

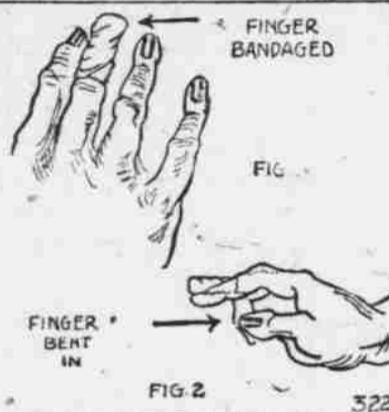


FIG. 322—The Removable Finger

The performer holds out his hand with the middle finger bandaged, as in Figure 2, and asks some one to tie the loose ends of the bandage. As the spectator ties the bandage, the performer holds the bandage both the bandage and the finger come right off! Before he has recovered from his surprise he sees the finger back on the performer's hand, while the bandage is empty.

To do the trick, first tie a bandage about the second finger above the knuckle. Remove the bandage and bend in the finger (Figure 2). Then place the empty bandage between the thumb and third finger. Hold the back of the hand upward. When the spectator takes the bandage he sees the upper part of the finger missing, as the finger is bent in. When he looks into the bandage, merely sees the upper part of the finger missing, as the finger is bent in. When he looks into the bandage, merely sees the upper part of the finger missing, as the finger is bent in.

With what affection we are surrounded. How ignorant in heart most of us are.

How keen is the competitive urge in the world—in what a small degree are we brother's keepers.

If you have praise to offer, why not send it out from a whole heart?

How useless, petty and silly are the little jealousies that hop out from so many people's consciousness. What a world of friendships there are with strings tied to every corner of them.

If you have a friend—a pal—be glad. You are indeed rich. Do not undermine your wealth by putting strings to this relationship and pulling them to you every once and a while. Offer your best and all—or stay out of the blessed game.

Always try to give as much as you take. Therein lies concord, wholesome communication and affection de luxe!

Answers to Questions

Any reader can get the answer to any question by writing The Palladium Information Bureau, Room 424, in direct Washington, D. C. This office applies strictly to information. The bureau does not give advice on legal, medical and financial subjects. It does not attempt to settle domestic troubles, nor to undertake exhaustive research on any subject. Write your question on a separate sheet of paper, giving your address and enclose two cents in stamps for return postage. All replies are sent direct to the inquirer.

Q. Who originated the term "dark horse?" C. D. E.

A. This has been attributed to Sam Flynn, a horse trader of Tennessee. His horse "Dusky Pete" was quietly entered in a country race meet, and unexpectedly won the purse.

Q. How much glass is used in the manufacture of automobiles? P. F.

A. There was 16,500 square feet of glass consumed in 1921 in the manufacture of passenger cars and trucks. The greater part of this was plate glass.

Q. Please describe the condition of corn when it is ready to be cut for the silo? C. C. A.

A. The department of agriculture says that when corn is ready to be cut for ensilage the lower leaves will be dead, some of the husks will have turned brown, and the ears will be hard, but the stalks and upper leaves of the plants will still be green and succulent.

Q. How is the hydrogen gas used in airships stored? F. T.

A. The Air Service says that the following three methods are used in storing hydrogen gas after generation. First, storage in a gas holder (fabric or metal) at a pressure of from one to nine pounds greater than atmospheric pressure; second, storage in medium-pressure tanks at 300 to 600 pounds per square inch pressure; third, storage in portable cylinders at from 1,800 to 2,000 pounds per square inch pressure. The selection of the type of storage system is dependent on local conditions. Most British air stations have all three systems installed, but the medium-pressure system is not in favor.

Q. What are the Janissaries? F. L. A.

A. In 1330 the Turkish ruler Urkhan or Orkhan issued an edict compelling each city or town to contribute a quota of male children, usually about 7 years of age for the service of the sultan. Requisitions were made about

Agricultural development is a health for growth and a more lasting source of welfare. In the Cumberland oil pool there is large opportunity for agricultural development which at present is impossible because of lack of transportation by railroad, highroad or river.

Along the Cumberland river there is a block of eight counties wholly untouched by railroads and almost wholly without public roads, a strangely retarded but potentially fruitful region.

Oil wells will not make it populous, but with agriculture and adequate transportation it would blossom like the rose.

After Dinner Stories

She had been working valiantly for weeks in an effort to instill into their young heads a working knowledge of the infancy of Moses. She was putting them through their paces in order that a visiting superintendent might see what could be done.

"William, who was Moses?" she asked.

William, nor some half dozen others, had the slightest idea; but Sam, the black sheep of the class, yelled:

"Moses was a Jew."

When the spike had disappeared from the superintendent's face, he asked Samuel: "Where did Moses's mother hide him?"

"Fine. Now tell me, what is a burilrush?"

"A burilrush is a large male weed."

SAFE FAT REDUCTION

Reduce, reduce, reduce, is the slogan of all fat people. Get thin, be slim,

is the cry of fashion and society. And

fatness, the hand in hand companion

of nevrosis and helplessness, is awaiting

at nauseating drugs, afraid of violent ex-

ercise, dread the unwelcome and un-

desirable, and eat and eat and eat.

Take Marmola Prescription Tablets

and lose weight, and live longer,

secretly, secretly, and quickly reaching

their ideal of figure, with a smoother

skin, better appetite and more than

the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and now more

than the best ever health and