

DECATUR DAILY DEMOCRAT

Publish Every Evening Except Sunday by

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Some tigers never do get tame. One belonging to a circus got away at Peru yesterday, killed a camel in about two minutes and clawed an elephant so badly he may die.

The best way to celebrate Armistice Day tomorrow is with a smile. It's hard to pick a fight if every one wears one of those kind that won't come off.

"Dutch" Anderson is dead, Chapman is to be executed in December and now if they will cut the sob stuff and give "One Arm" Wolf what is coming to him at Muncie where he is now on trial for murder, progress in wiping out the crime wave can be truthfully reported.

Over in New Brunswick, New Jersey, because they want the "blind tigers" to operate, some one has filed affidavits against every one of the 10,000 citizens and will show that in some way or another they violated the Sunday laws. You can carry things too far.

At this time when Armistice Day reminds us of war days it is good to remember that the greatest soldier the world has ever known preached "Peace on earth, good will toward man." Lets have peace, lets not bicker and quarrel, lets not have so much strife, at home, abroad, in business or in our own lives. Peace means happiness. Its better to smile than frown and its better to spread oil upon the waters than to be eternally finding fault and criticizing. Let the Golden Rule be our slogan.

Mayor-elect Duvall, of Indianapolis, is rewarding the klan for their loyalty in the recent election by naming leaders to the best jobs. Charles Orison, a democrat until stung by the bee, but who supported Duvall this year, is to be the corporation attorney at a salary of \$6,000. There are two branches of the klan in Indianapolis and evidently the one of which George Coffin is supposed to be the head and which includes such men as Senator Robinson and Governor Jackson is being left out. Look out for another rumpus as a result.

Seven years ago tomorrow the great World war ended with the signing of the Armistice. Remember how good we all felt because the boys were coming home, because the slaughter had ceased, because the time had come when we could forget the horrors of war, the ill feelings and again do those things and espouse those problems which go with peace times? And we have progressed some. We hope the world will never again have to undergo so terrible an ordeal as war and we believe that eventually an agreement of this kind, whether it be called a League of Nations or whatnot, will be signed by representatives of every leading nation and approved by every one.

Simultaneously six or seven churches in this city will conduct evangelistic services, beginning January 10th and continuing two weeks. Advance notice is being given now so that every one will co-operate by not fixing other events of importance on those dates. The Ministerial Association is requesting lodges, clubs, societies and schools to arrange their programs so that these two weeks can be given to the churches. The ministers will go farther and will discuss the same subjects on the same

Solution of Yesterday's Puzzle

RET BAN BAG
ORES SAD TONE
CAMPOR MEANT
SPOON COPRA
PITON SAPID
IT KEEPS DEW
GUM SLATS DAY
GAS ARSON GO
CHUTE WAS U
THOSE REINS
SHIRE CARLOAD
PINE PAW SOLE
ANE MAR PEW

might so that the full force of the church may be thus used. The plan seems a splendid one and we are sure every one will assist in making the two weeks the very best ever known here. The church is after all the most important part of the community and we owe our support. The arrangement now planned will give every one opportunity to assist his pastor in arousing interest which will make the year 1926 the banner one of history. It can be done if you will prepare and work and certainly all should keep in mind the dates arranged for every church—January 10th to 24th. We have had other big weeks in Decatur. Will you help make this fortnight a great record-breaking church event? It will help your town as much as any thing you can do and perhaps more.

TWENTY YEARS AGO TODAY

From the Daily Democrat File
Twenty Years Ago This Day

November 10, 1905.—Contract for Neptune sewer awarded to D. F. Morris on his bid of \$104.40.

Dick Burrell buys City News Stand from C. L. Meibers.

Democratic county committee called to meet next Friday to decide on date for primary. L. G. Ellingham is county chairman.

Official vote will be required in Ohio to decide election of state officials and legislature.

A. Van Camp is building elevator for the Geneva Grain Co.

Quail seasons opens and army of hunters are in the field.

Monument marking spot where ground was broken for Erie railroad unveiled at Binghampton, N. Y.

Egg Market advances to 20c and butter to 16c.

Chickens are 6c per pound, hogs \$4.35 per cwt., cattle 3 1/4c and calves 5c.

Big Features Of RADIO Programs Today

TUESDAY'S RADIO FEATURES

CNRA, Moncton, 291, 9 p. m. (E.S.T.)—Hart House string quartet.

WJR, Detroit, 517, 9 p. m. (E.S.T.)—"Michigan Night" from Ann Arbor.

WJZ, New York, 454; WGY, Schenectady, 380; WRC, Washington, 469, 9 p. m. (E.S.T.)—Bonime's ensemble.

WEAF, New York, 492 and hookup, including WJAR, WEEI, WTG, WGR, WCAE, WFI, WWJ, WOC, WCCO, WSAI, KSD, 9 p. m. (E.S.T.)

8 p. m. (C.S.T.)—Armistice day program.

KDKA, Pittsburgh, 309, 8 p. m. (E.S.T.)—World cruise by radio.

Station WLW To Give Minstrel Show Tonight

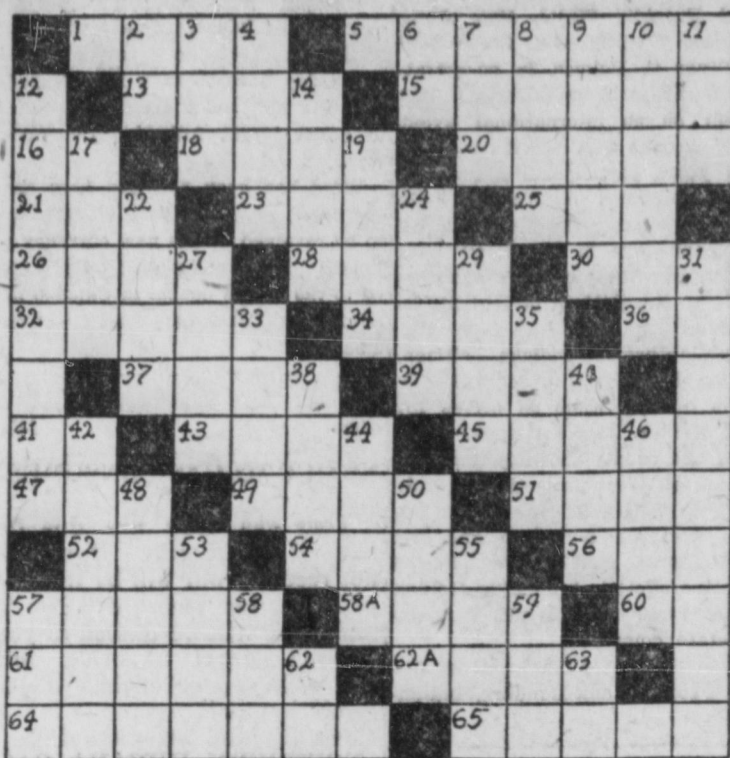
Lovers of old-time minstrel shows will find much enjoyment in listening in on radio station, WLW, of the Crosley Radio Corporation, at Cincinnati, Ohio, between 8 and 9 o'clock this evening. The Crosley Burnt Corkers will give their second old-time revue this evening and a good program is assured.

Dr. Miller Closes Lease For Residence In Decatur

Dr. Allan J. Miller, of Monroe, who will open an office here December 1, in the room occupied for several years by Dr. Elizabeth Burns in the Graham & Walter block on Madison street, last evening closed a lease for the Arnold property now occupied by the J. W. Tyndall family. Dr. and Mrs. Miller, who are well-known here, in lodge and church circles, will move into this house, Jefferson and Third street, as soon as the Tyndalls move to their new residence, recently purchased from W. A. Kuebler.

Dr. Miller came to Monroe just two years ago from western Illinois, where he had practiced medicine for twenty-five years. He and Mrs. Miller have made many friends at Monroe and will continue to keep in touch with them while residing at Decatur.

DAILY DEMOCRAT CROSS-WORD PUZZLE



(© 1925, Western Newspaper Union.)

- | | |
|--|--|
| Horizontal. | Vertical. |
| 1—Female horse | 2—Land measure |
| 3—Hardened | 4—To knock |
| 5—Fails to perform (contraction) | 6—Periods of time |
| 7—Note of scale | 8—Paid notice |
| 9—Agreement | 10—Part of a plant |
| 11—To make a mistake | 12—World-famous physician |
| 13—A store | 14—What electors do to an unpopular officeholder |
| 15—To vex | 15—Pig pen |
| 16—Sign of evil | 16—Pertaining to a citizen of the United States |
| 17—Tattered cloth | 17—Reverberation |
| 18—Country of Southern Asia | 18—Metal |
| 19—God of love | 19—Short trip in a vehicle |
| 20—Initials of a United States President | 20—Bold |
| 21—Unit of work (pl.) | 21—Italian monetary unit (pl.) |
| 22—To labor | 22—Corner |
| 23—Spake-like fish | 23—Salutations |
| 24—A blade | 24—Old |
| 25—Slight depression | 25—To go under |
| 26—To tie | 26—Snow vehicle |
| 27—To run | 27—Dustlike particles |
| 28—Prefix meaning three | 28—Figure of speech |
| 29—Passageway | 29—To crackle |
| 30—Haw an em | 30—To the front |
| 31—To divide | 31—Foundations |
| 32—Boy's name | 32—Piece of ground |
| 33—Examiners | 33—To perform |
| | 34—To bring legal action against |
| | 35—Exclamation |
| | 36—Note of scale |

Solution will appear in next issue.



LONG TROUSERS

I want long trousers like the kids are wearing. Mother is funny. Last night I overheard her saying to dad she couldn't bear the thought. And dad replied: "I guess it's no absurd. But mother shakes her head and sits there staring. Than women folks who want their dresses short. And says she doesn't fancy such a style. Well, well," said he, "I know just what you're thinking. It's much too soon to change him to a man. You're right about it, mother. Stop sighing. Your blinking. We'll keep him still a youngster while more years. We'll keep him still a youngster while more years."

(Copyright 1925 Edgar A. Guest)



This column is conducted by a person who has made a wide study of radio. The column is conducted for the interest and benefit of the readers of the Daily Democrat. Questions on the subject will be answered free of charge. Diagrams will be furnished free, providing an addressed and stamped envelope accompanies the request. Send your questions to the Radio Editor, Care Daily Democrat, Decatur, Indiana.

The Vacuum Tube or Andion. Part 1.

There is a very interesting story connected with the invention and development of the radio vacuum tube. This is the little assembly of glass and wires that does the greatest work in the receiving of radio programs. Without it, radio broadcasting and receiving, as we have it today, would be impossible.

Before the day of the tube, all signals were received on sets using crystal or electrolytic detectors, and they had no amplifiers to step up the volume of the signals. These detectors were very irregular and for from efficient, and sets using them could not be depended upon for much more than a range of 50 miles.

The discovery of the vacuum tube came about by accident and will be explained in detail. A young inventor, Lee De Forest, was carrying on an experiment in his small work shop and happened to be tinkering with a spark coil. There was a Welsbach gas light burning in the room, and De Forest noticed that as the spark coil was operated the flame of the gas light fluctuated. The incident remained so clear in De Forest's mind that he could not give up the idea that the conductivity of gasses would lead to the design of a really sensitive detector.

As soon as he could find the time he again started his experiments

with this in mind. The first one he performed was with two electrodes in a Bunsen burner. With this arrangement, signals from a distance station were distinctly audible, better than the old type detector, in fact. As soon as the experiments with the gas burner were well under way he decided that the best method of obtaining stability in the detector was to place the electrodes in a closed bulb.

He tried several experiments with detectors of this kind. A tube was devised with a plate and "B" battery circuit, at this point the operation of the tube became so superior to the other types of detectors, that De Forest settled down to work in dead earnest. Several of the available types of tubes were manufactured and put into operation at the various De Forest Company stations.

But he was still dissatisfied with its operation, and tried several other experiments, in one of them he added a third electrode placed around the outside of the tube, and in another the two plates were placed inside the tube one on each side of the filament. This latter form functioned unexpectedly well, and De Forest continually asked himself if, after all, he had found the best possible place for the third electrode. If the third electrode had such minute control over the flow of current in the circuit with the control placed at one side of

the two terminals of the local circuit in the tube, why should it not have even greater influence over it with the new plate placed between the other electrodes.

He saw that placing a plate between the first plate and the filament would place an unnecessary obstacle in the path of the current carry gases, and dropped the usual plate form for the present day grid. The final form of the andion, as we know it today, was the result.

It should be mentioned here that De Forest, after trying his experiments with the gas burner, remembered the work of Fleming and the investigations of others, made with the Edison effect, the flow of current from a hot filament to a cold anode or plate, and added the filament, heated by batteries, to replace the gas flame effect.

This article will be continued next Saturday.



Regular business meeting of Blue Lodge Masons Tuesday night at 7:30 o'clock, at Masonic hall.

M-T John Dickerson, W.M.

NOTICE

Hunting is not permitted on the farms of the following: A. J. BIENZ, ARTHUR BLEEKE, WILLIAM SCHAFER, MARTIN THIEME,

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NOTICE TO GAS CONSUMERS

Your gas bills are due the first of the month. If you do not receive your bill by the first of November please call No. 75 and a bill will be mailed to you. No discount after the 10th.

bill with you or enclose if you remit by mail.

NORTHERN INDIANA GAS AND ELECTRIC CO.

1-8-10

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