

### MUNCIE ROTARIANS TO ENJOY BANQUET, GOLF MATCH HERE

It is expected that approximately 150 will attend the joint Muncie-Richmond Rotary banquet meeting to be held in the Knights of Pythias rooms of the K. P. temple Thursday evening, Robert Heun, secretary of the local Rotary club, said Tuesday.

The joint meeting comes as a part of the annual program of the Rotary club here and is usually preceded by a golf match between members of the two Rotary clubs. This year, however, the golf match will be held between picked members of the two country clubs, and the contestants in the match who are not Rotarians will be guests of the local Rotary club at the joint meeting and banquet. It is expected that 25 or 30 golfers from Muncie will take part in the competition. A lunch at the country club will precede the golf match which will be held Thursday afternoon.

William Dudley Poulke will be the speaker at the joint meeting according to the present arrangements, and the plans indicate that suitable entertainment will be provided for the occasion.

Mr. Heun stated that a return match will be held at Muncie between the two golf clubs some time in the near future, and that a joint meeting of members of the two Rotary clubs will be held in Muncie at that time.

Richmond citizens who were recently received into membership in Rotary are Walter Bates and Earl H. Mann.

### SEE HIM IN BATHING SUIT FIRST, ADVISE

(By United Press)  
DALLAS, Tex., July 18.—Flappers, before you decide on a husband, see him first in a bathing suit.

So advises Frank E. Morris, executive secretary of the Texas Retail Dry Goods association. He says: "If I were a woman I would never decide on a man until I have first seen him in a bathing suit and that after he had had a dip in the water, so that I could determine just how ugly a creature I was about to encourage as a possible husband."

"Men are as different as women in hiding their defects under a tailor's art."

"Too, I would recommend to men that they see women in their bathing suit before popping the question. There is a fine chance for deception on the part of women and men might be disillusioned and suffer a good many regrets, just as the woman would, were they to ask the young lady to take a swim before becoming too strongly emmeshed in Cupid's spider web."

Morris is a defender of the flapper. "The flapper is a much abused person," he says. "There is too much of a modern tendency to make evil out of everything."

### Prove Value of Hot Water Seed Treatment By Yield

SHELBYVILLE, Ind., July 18.—Value of hot water treatment of seed wheat was conclusively demonstrated by the yield of 24 bushels of wheat testing 62 pounds, grown from treated seed on the Hamilton farm near here under the management of Ernest Thornburg.

Three of the lowest yielding fields on the farm were selected last year for the test. Inspectors from the state seed certification department were unable to find even a trace of disease in the fields and stated the wheat was the best they had seen in the state.

### New Fast Action Camera

By FRERIC J. HASKIN

WASHINGTON, D. C., July 18.—How a big shell crawls into the armor plate of a battleship, and how a golf club hits a ball are two long standing mysteries that are mysteriously no longer.

The new ultra-rapid camera analyzes the high speed motion of the shell as though it were moving at a snail's pace. To the eye the shell, traveling at perhaps 2,500 feet a second, seems to crash into the target almost instantaneously after it is fired. The high speed camera shows it creeping with a rotary motion down to the armor plate, wriggling its way into the steel, and sending bits of wreckage floating slowly into the air. The golf club shaft is shown by the camera actually to bend forward as it strikes the ball. That the stick did this was suspected by some players, but there was no way of proving the point. The camera shows that as the club is brought down to the ball the force of the drive bends the shaft forward. The head of the club lags behind from the force of the stroke. But at the instant the clubhead contacts with the ball the bend in the shaft is reversed. The greater the power back of the stroke the greater the bend in the shaft.

Motions as rapid as these have hitherto been hidden even from the quick eyes of the usual high speed motion picture camera. With these, catching 10,000 pictures a minute, the shell would burst more slowly than normally but not slowly enough to show its exact action.

The new camera is the invention of C. Francis Jenkins of this city. His machine takes 100,000 pictures a minute. This is 100 times the speed of a normal speed motion picture camera. A motion which is performed in one second can by Jenkins' invention be spread out over 100 seconds when turned into film and shown on a screen.

The race horse that you occasionally see floating around a track in the movie pictorial can be made to go at one-tenth that speed by Mr. Jenkins. The cameras in commercial use, however, are swift enough for this sort of things, he says. His machine goes after more elusive subjects, with faster or more complicated action.

Invented Thirty Years Ago  
The principle of the camera was invented by Mr. Jenkins 30 years ago, but it was only last year that he developed it to take high speed movies. Since then he has made a number of pictures for the Army and Navy. None has been publicly shown.

Besides wanting an answer to the question of how a shell strikes a battleship, the Navy asked Mr. Jenkins to grind out an analysis of a seaplane taking off through the water. The inventor had to film this four or five times before camera and plane got into action together. The whole scene had to be filmed in four seconds. This was more than sufficient time since 400 feet of film could be recorded in four seconds. It even allowed a margin of 100 feet of film each side of the action because the rush of the plane would fill only 200. The only problem was to start the camera so that the plane would dash out within the length of the film. It was a difficult assignment, but Mr. Jenkins filled it.

High speed pictures of airplane flights showed that no one had ever been able to see the bending and warping of the propeller under great powers of the engine. This has been shown in detail by the films and study of the condition will probably lead to the production of stronger, stiffer blades.

The Navy also had pictures made of several pigeons being released from a basket at the start of a race. The point in question was whether the pigeons bumped into one another and

were hindered at the start when released simultaneously from one basket. This picture showed the pigeons did interfere.

By chance facts that pigeon experts had never known were learned. The pigeon's wings were seen slowly rising on the up stroke until they touched over its back; then they dropped on the down stroke and touched below its breast. The pigeon flies so swiftly that this peculiarity had never been apparent to the eye.

The pigeon breeders were surprised to find, too, that the feathers at the tip of the wing spread like fingers as the wind goes through them on the up stroke.

Since the tumbling pigeon taught aviators how to loop the loop, it may be that the birdmen can learn rather secrets from the pigeon by the close analysis of its flight that is now possible.

This camera is for scientific purposes. Just as a very high powered microscope is necessary for some exacting laboratory work, so the ultra rapid camera, with a prospect of attaining 200,000 pictures a minute, will have its place in scientific research.

Also Sends Radio Pictures  
Mr. Jenkins has lately been attracting great interest by another invention of his, an instrument for sending pictures by radio. He has already sent pictures successfully and now he is working to send moving pictures by radio. He knows how it is to be done, but he estimates that it will be about a year before the necessary additional instruments for the higher speed will be completed. The instruments for all of his work have to be made in his own laboratory, or else he has to have them made at great expense and difficulty by manufacturers. The necessary apparatus or parts are not commercially available.

Sending moving pictures by radio is merely an amplification of the method by which ordinary pictures can be sent, the inventor says. The main principle of the camera used in all of his work is a prismatic ring, a new optical shape in glass.

"By means of these prismatic rings and a photo-electric cell at the sending station, the light characteristics which make up a picture are converted into electric current characteristics," Mr. Jenkins explains. "These in turn modulate radio waves employed as carriers. When these arrive at a receiving station the electric characteristics are changed back into picture characteristics by means of another pair of prismatic rings and a light valve and the scene at the sending station is reproduced with fidelity."

"An actual scene may be transmitted as readily as a drawing or photograph. At the several receiving stations it is reproduced on a photographic negative with duplicate prints or on a moving picture screen for direct viewing."

"The daily papers may get pictures of news events broadcasted from the immediate scene without the delay of any photographic process at the sending end. Paris and London events coming west will be seen in America some hours before they happen by the clock."

"A criminal suspect may be stood up in front of a broadcasting machine and his image appear in every police station in the country equipped with a suitable receiving instrument. De-

tectives could be called in to look at him and identify him as his picture is shown on a screen, or photographs can be made by radio and filed away in police stations for future use.

"The instrument would have tactical value in event of war. A battle on sea or land could be watched as it occurred from the offices of the chiefs in command at Washington."

But the greatest volume of business when radio pictures are in use will come from the homes. Mr. Jenkins concludes. By sending music on one wave length and pictures on another an entire opera may be enjoyed through both ear and eye. Looking in, as well as listening in, is to be the next indoor family sport.

### NINE FROM RICHMOND GO TO CAMP KNOX

Nine Richmond applicants who were selected for the 1922 Citizens' Military Training Camp, as well as all others in this district, have been notified to proceed to Camp Knox, Ky., on Aug. 1. Travel expenses not to exceed \$3 a day and transportation, will be refunded after arrival, and transportation back to their homes will be furnished at the end of the training period.

Applicants who have been selected from Richmond are: Paul E. Abbott, 319 North Eighth street; Lloyd C. Bright, 175 Bridge avenue; George B. Denney, 149 Bridge avenue; Robert D. Hall, Asylum avenue; Leslie Charles Hart, 422 South Fifth street; Eugene F. Murray, 325 North Fourteenth street; Richard Erwin Robinson, South Sixteenth and E streets; Charles M. Ryder, 331 South Ninth street, and Walter E. Taggart, 216 North Nineteenth street.

The Newcastle contingent will include: Byron Armstrong, Lowell Charles Fouch, Jesse Franch, Walter K. French, Donald Vertrees Kennedy, William L. Thornburg and Richard W. Waters.

Connorsville will send a delegation of 13 as follows: Daniel St. Clair Armist, Ezra R. Brown, Bernard Connors, James D. Cox, Robert E. Crawford, William H. Ensminger, Charles E. Gilbert, Raymond S. Hardy, Harry A. Hines, William A. Laughlin, Charles L. Offutt, Manard Quyle and Keith E. Veatch.

Greenfield candidates are: Edwin H. Abbott, James P. Boyd, James D. Conklin, Walter Jackson, William Kart, Kassen, Richard T. Lineback, John H. Strahl and George W. Williams.

Those from Winchester are: Don Lawrence Barr, Hector C. Briner, Donald Davis, Harold L. Mendenhall, James D. Mendenhall, Raymond Dale Spear, Orville Willis, Joe I. White and William E. Bales.

Other applicants who have been accepted are: Marshall F. Ford, Farmington; Robert O. Grimm, Russellville; Eldon M. Wales, Knightstown, and Kenneth L. Huddleston, Cambridge City.

The Bhatgar irrigation dam near Poona, India, containing 21,500,000 cubic feet of masonry, has the largest volume of any dam in the world. The dress of Japanese women is

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### SAYS DEVIL REIGNS WHERE WORD OF GOD IS FAILING TO RULE

(By Associated Press)  
OMAHA, Neb., July 18.—There are college students who have "passed." In a few years, from the faith of childhood to an extreme where they no longer asked with Pilate, "What is truth?" but maintained, like assassins in the age of the Crusades, that nothing is true, that all is permitted, and that there is neither God nor devil to say them nay." Rev. Ad. Haentzschel, of Madison, Wis., told the international Walther League convention here today. The league is an association of Lutheran young people's societies.

"Be assured," said Rev. Mr. Haentzschel, "the young Lutheran student who goes to college or university is faced with moral dangers, not because the authorities are careless on that score, but because, in spite of all they can do, immorality will flourish wherever the word of God does not rule life and heart. Every large institution of learning has its moral lepers who are systematically doing the devil's work."

Faith May Be Little  
"Perhaps a student's faith had not deep roots to begin with. It is now given up, not because the Christian faith cannot live in the light of investigation, but because the young student has not the proper weapons at hand, because the new and revolutionary has a peculiar fascination for youth, and because he stands alone among his associates and has no one to strengthen and counsel him. There are institutions of learning where we have scores of students but are not lifting a finger to care for them."

"There is reason to expect that concerted action soon will be taken. The English district is memorializing the delegate Synod of Missouri on the subject."

"The university has played a prominent part in the history of our Lutheran church. God, in the sixteenth century, chose as the instrument of his will, a professor of the University of Wittenberg."

### 82 Horses Registered

For Shelby County Races  
SHELBYVILLE, Ind., July 18.—Entry lists for the Shelby county racing meet have been closed with 82 horses registered. Much interest centers in the meet which is to be held on Wednesday, Thursday and Friday, as it is the first in the state. Purses of \$200 each are offered to the 2:30 pace, 2:34 trot and 2:16 pace scheduled for Wednesday.

HELPED PAIN IN HER BACK  
Most middle-aged men and women are glad to learn that Foley Kidney Pills afford a way to escape sleep disturbing bladder weakness, backache, rheumatism and other kidney and bladder ailments. Mrs. Mary Bourke, 3077 McAllister St., San Francisco, Calif., says: "Foley Kidney Pills very quickly stopped a bad pain in my back and I tell my friends to try Foley Kidney Pills for that trouble. Contains no opiates, harmful or habit forming drugs. A. G. Lyken Drug Co., 626-628 Main St.—Advertisement."

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### Police Court News

Murphy Arrested  
Charles Murphy charged with beating a board bill owed to Dave Carr, 501½ Main street, was arrested by the police, Tuesday morning and held for trial.

Fisher Is Fined  
John Fisher paid a fine of \$1 and cost in police court, Monday, for being intoxicated.

Hold Colored Man  
Charles D. Hunt, colored, wanted on a charge of assault and battery with intent to kill, at Winchester, was arrested Tuesday morning by officers. Vogelsong and Cully, and held at the jail until officers from Winchester could arrive.

Hunt got into a fight with another colored man, according to information received at headquarters, and fled the city after the affair.

### Candidates For Livestock Contest to Tour County

NEWCASTLE, Ind., July 18.—Candidates for the county livestock judging contest will meet at the county agent's office at 8 o'clock Wednesday, to take part in a county tour of livestock farms. Another tour is planned for later. Winners of the contest at the county fair will contest for the state championship. State champions in turn will compete at the International at Chicago.



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### Rushville Nurse Dies; Keeps Ailment Secret

RUSHVILLE, Ind., July 18.—Death from chronic nephritis claimed Miss Louise Fort, 24, of Greenfield, Rushville visiting nurse for two years, on Monday morning at the Indianapolis hospital, where she had gone to take treatment.

Despite her disease, which she knew was incurable and would result in death, Miss Fort had persisted in her profession, keeping her ailment a secret and disregarding the appeals of friends who were worried by her frailty and advised her to guard against overdoing.

Burial will take place in Greenfield, the funeral ceremony being set for 2:30 o'clock at the Christian church.

Titian, great Italian artist, died of the plague, age ninety-nine.

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### Great Movie Mystery

**\$1000 REWARD!**

1- UP RAN THIN OLD LOVE. 6- IF MY PARD ROCK  
2- SAY HER CARL. 7- AL MAN OR GET MAD  
3- DOGS BANKFUL AS AIR. 8- NOBLER MAD MAN  
4- CHIP ICE RAN HALL. 9- SAILOR WAS GONN  
5- I SAW HER ROB TRENNL. 10- HIRE PET LAW

### Can You Solve the Mystery?

Are you a "Movie Fan"? Here's your opportunity. Don't pass it up. We are offering a \$1,000 Cash Reward, or a Hummels Touring Car to the person who can solve the Great Movie Mystery. Here's the way to do it.

In the picture above you will find the names of ten Movie Stars. The letters of their names have been rearranged. If you can decipher them then to spell their names correctly you can win the \$1,000 Reward. The first name is—well, I'm sure you can guess. Yes—it's Rudolph Valentino, the great Movie Star. But that's down on your list and it will be easy to go the rest. Just to help refresh your memory I am naming some of the star actors: Curlye Blackwell, Rudolph Valentino, Bessie Love, Hubert Norman, Charles Chaplin, Vivan Martin, Douglas Fairbanks, Lila Lee, Gloria Swanson, Pearl White, May Murray, Harold Lloyd, Mary Pickford, Charles Ray, Valeska Suratt, Norma Talmadge and Herbert Rawlinson.

### 185 Points Wins First Prize

If you can correctly re-arrange the ten names of the Movie Players, I'll give you 100 points toward winning the \$1,000. You will gain 85 points by proving that you have shown a copy of The Rural Weekly to five of your friends. This will give you 185 points in all. The final 25 points will be awarded by the judges of the puzzle to the person who sends in the largest correct list of words made up from the letters in the name of the great Movie Star—Rudolph Valentino.

Send in your name of the ten Movie Stars and your list of words together. Send them in NOW.

In making up your list of words from the name "Rudolph Valentino," only letters that appear in his name can be used.

### Send No Money—Costs Nothing to Try

Remember, folks, you don't have to spend one penny of your own money to win. All you need to do is introduce The Rural Weekly to five of your friends; but first send your answer to the puzzle, and if it is correct, I will give you 100 Points. Then I'll show you how easy it is to gain the other 85 points necessary to win the \$1,000 prize. Write the names of the ten Movie Stars correctly on a piece of paper, and send it in right away with your list of words. August 7th is the last day to send in your answer. HURRY!

L. A. WOOD, Puzzle Dept. 40 92 E. 4th St., St. Paul, Minn.

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\$1.00 for 7 yards Bleached Muslin, even thread, smooth finish.	\$1.00 for 3 yds. Pillow Tubing, 36, 40, 42, 45-in.	\$1.00 for 4 Turkish Towels, heavy weight.
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\$1.00 for 6 yards of Cambric Muslin for fine sewing.	\$1.00 for 6 Turkish Towels, good size.	\$1.00 for 30 rolls of Bob White Toilet Paper
\$1.00 for 2 1/2 yards of Bleached Sheeting, full 36-inch; enough for sheet.		
\$1.00 for 3 yards of Chiffon Silk, all shades, 36 inches wide.		
\$1.00 yard half Silk Jersey, in plain and striped (natural or white) for Men's Shirts.		
\$1.00 yard All Silk Messaline, black, 36 inches wide.		
\$1.00 for 2 yards Silk Voiles, regular \$1.00 and \$1.25 values.		
\$1.00 for 14 bars of Kirk's Hardwater Castile Soap.		
\$1.00 for 12 balls Clark's O. N. T. Crochet Cotton, all numbers.		
\$1.00 for no seam Hot Water Bottle, full two-quart size, value \$1.50.		
\$1.00 for one-pint Thermos Bottle, fully guaranteed.		
\$1.00 for Sample Lot Bags, values up to \$2.50.		
\$1.00 for Lace Vestees for dresses and sweaters, \$1.50 value.		
\$1.00 for 5 yards of Long Cloth, soft finish, 36 inches wide, 30c value.		

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