



# THE PUTNAM NEWS

PUBLISHED EVERY FRIDAY

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Cards of Thanks, Resolutions of Respect, and any kind of entertainments where admission fee or charges are made, will be charged for at regular rates.



NOVEMBER, 1955. Al: "Goin' to college, Ken? You're lucky." Ken: "Dad saved his Victory Bonds and now I'm cashing in. Lot of kids wish their folks had kept their's." U. S. Treasury Department

### Pruning Wounds

Every wound made in pruning is an opening through which disease organisms may enter the heart wood of the tree. Wounds are no longer a source of danger after they are healed over. It is essential, therefore, that pruning be done in such a way that wounds may heal and that the tree be kept in a vigorous condition in order that the growth which covers the wound may be made in a minimum of time. If the cut made in removing a broken or crowding limb is made close to the trunk of the tree, the wound is completely surrounded by live tissue and a plentiful supply of food traveling up and down through the tree. On the other hand, if the limb is cut in such a way as to leave a part of the branch still attached to the trunk, the end of the limb dies and it is impossible for the healing tissues to grow over it. Disease organisms enter the dead wood and eventually grow into the heart wood of the tree.

### Bats' Flight

How a bat flies in the dark and does not collide with walls has been the subject of investigation for decades. It was established by Drs. R. Galambos and D. R. Griffin (Harvard) four years ago that a bat sends out a note of high pitch which is reflected by a wall and heard. Whereupon the bat knows what it has to do. We have, then, something like radar, with sound as the disturbance to be reflected instead of a radio wave. Prof. T. Hartridge (St. Bartholomew's hospital medical college, London) published in 1920 the theory "that bats during flight emit a short wave-length note and that this sound is reflected from objects in the vicinity." There is no doubt about this now. In fact, bats can steer clear even of carpet threads or thin wires in complete darkness. Injure the ear of a bat so that he cannot hear, and he plumps right into an obstacle.

Subscribe for THE LEADER

### Better Variety of Cotton Assures Mill Demand

In 2,500 communities, farmers have joined hands to grow one-variety cotton, the department of agriculture saying the plan has paid off. For example, in Georgia and Alabama where the one-variety program has been in use for about 10 years, the extra income has ranged from \$6 to \$11 per acre each year. Cotton breeders at the state experiment stations in the cotton belt, and scientists with the department of agriculture have developed varieties of cotton that meet the spinning-demands of the cottonmill industry. Tests were run to determine fiber strength. X-ray machines, microscopes, stretching devices, spindles—all were put to work to find out what kind of cotton was needed.

The result has been that dependable cotton fiber is being grown on about one-third of all the cotton acreage in this country. What's more, this one-variety plan has improved cotton's place in the whole fiber picture. When mills can buy large lots of uniform staple cotton—15 to 20 per cent stronger than mixed variety lots—American cotton farmers will have gone a long way in meeting competition from fibers that may be imported from other countries or manufactured synthetically here at home.

### Assure Vitamin C

If fruits and vegetables are not included in the diet there is a possibility of vitamin C deficiency. Also high in vitamin C is liver, the only commonly-used animal product which contains this vitamin. None of the cereal foods such as whole wheat or rye bread, corn meal or rolled oats are a source of this vitamin. Some evidences of lack of vitamin C in the diet are: restlessness, headaches, weakness, susceptibility to infections, defective teeth, swollen gums and anemia. The danger of this deficiency may be especially great in the winter when heavier starchy meals are eaten, with fewer fresh fruits and vegetables included on the table.

### Soap Suds

Home management specialists say it takes about two inches of standing suds to get a load of clothes clean in the washing machine. A bit of experimenting with the measuring cup will show you how much soap it takes to make two inches of suds. Every home laundress knows that soap makes suds more quickly if it is shaved, grated or pulverized. If your retail store is out of soap flakes or powders, you can make your own from bars of laundry soap, which is generally easier to find. Be sure the soap is well dried, cut it into pieces and run it through the meat grinder. Let it dry well, then pulverize. You may wish to use a grater or slaw cutter to make flakes or chips. This may also serve as a thrifty way to use up small left-over bits of bar soap.

### Fruit Storage

Oranges, grapefruit, lemons and limes all need a moist atmosphere in storage to prevent drying out. For oranges the best storage temperature is just above freezing, 32 to 35 degrees Fahrenheit. At this temperature they may be held in commercial storage 8 to 10 weeks. Limes keep best in a slightly warmer temperature, 45 to 48 degrees, and may keep 6 to 8 weeks. Lemons like it even warmer, 55 to 58 degrees, and may keep 1 to 4 months. The temperature for grapefruit depends on its source and condition. Sound fruit, not overmature and not likely to suffer from stem rot, can be held at 45 to 55 degrees Fahrenheit for 6 weeks in commercial storage. If there is danger of stem rot, 32 to 34 degrees is best.

### Earthquake Area

India's earthquake area facing southward on the Arabian sea is part of a 6,500-mile shock belt which begins in southern Spain, skirts the northern shores of the Mediterranean sea, dips down the east side of the Persian gulf, and then turns northeastward to follow the Himalayan and related ranges into China. The vast peninsula of India jutting into the Indian ocean between the Arabian sea and the Bay of Bengal is more stable than the mountainous mainland areas in the north. Assam and Punjab provinces have figured repeatedly in violent quakes. In June, 1897, Assam was shaken by a shock centering in a disturbance zone of 10,000 square miles. In April, 1904, the Kangra valley in the Punjab was rocked by a quake that cost 20,000 lives.

## FINANCIAL REPORT OF CALLAHAN COUNTY HOSPITAL FOR 1945

BAIRD, TEXAS

### RECEIPTS

Collected .....\$22961.01  
Notes ..... 275.00  
Unpaid ..... 665.30  
Total .....\$23901.31

### DISBURSEMENTS

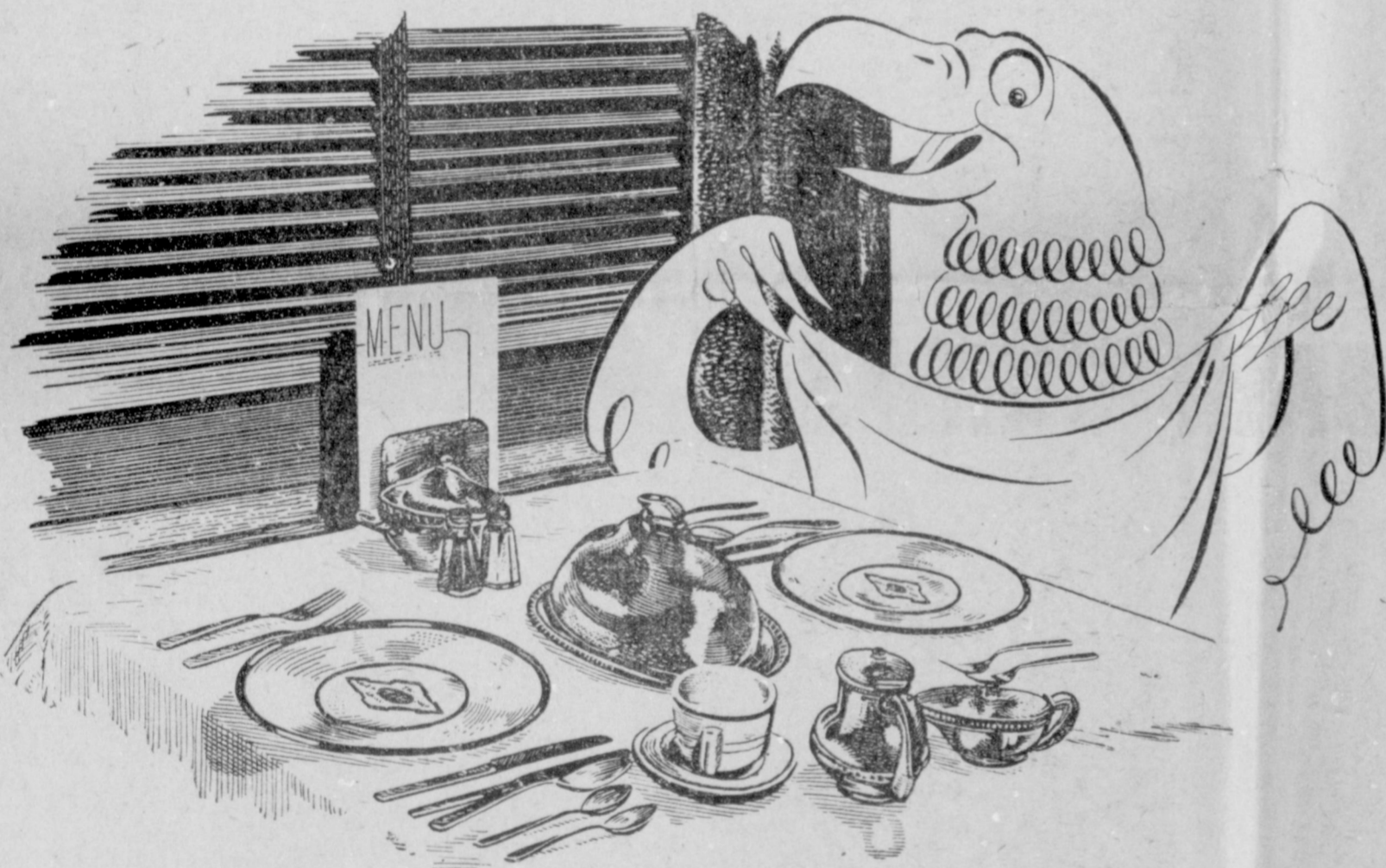
Labor .....\$10991.83  
Groceries ..... 2851.28  
Drugs ..... 1816.83  
Supplies ..... 723.12  
Utilities ..... 840.74  
Insurance ..... 207.98  
Miscellaneous ..... 162.60  
Total .....\$17593.83

### CHARITY

Paid out of General County Fund  
\$616.85

### Financial Statement of Hospital Every Year Since it was Opened in 1940.

Receipts Collected	Deficit Paid out of General County Fund	Charity Patients Paid out of General County Fund
1940 .....\$ 6071.83	1940 .....\$ 548.94	1942 ..... 1275.10
1941 ..... 8281.18	1941 ..... 1195.08	1943 ..... 501.85
1942 ..... 8324.69	1942 ..... 1217.21	1940 .....\$ 500.00
1943 ..... 10567.77	1943 ..... 362.50	1941 ..... 777.09
1944 ..... 13154.15	1944 ..... 1500.00	1944 ..... 849.20
1945 ..... 22961.01	1945 ..... NONE	1945 ..... 616.85



## Setting an Eagle's table with a \$22,000 Silver Service!



The magnificent appointments of the new custom-built Eagle trains are to be exemplified by their exquisite silver service... \$22,000 worth of silver of beautiful design to gleam in splendor upon the Eagles' lustrous dining tables. Texas and Pacific's swift, lightweight passenger trains... The Eagles... will be in service during 1946.

Bringing the comforts and refine-

ments of one's own living-room to tomorrow's travelers, service on the Eagles will be within the range of everyone's pocketbook. Your journeys will be quiet, restful, and enjoyable... and seem all-too-short. You'll be fresh and fit when you reach your destination after the restful comfort of an Eagle.

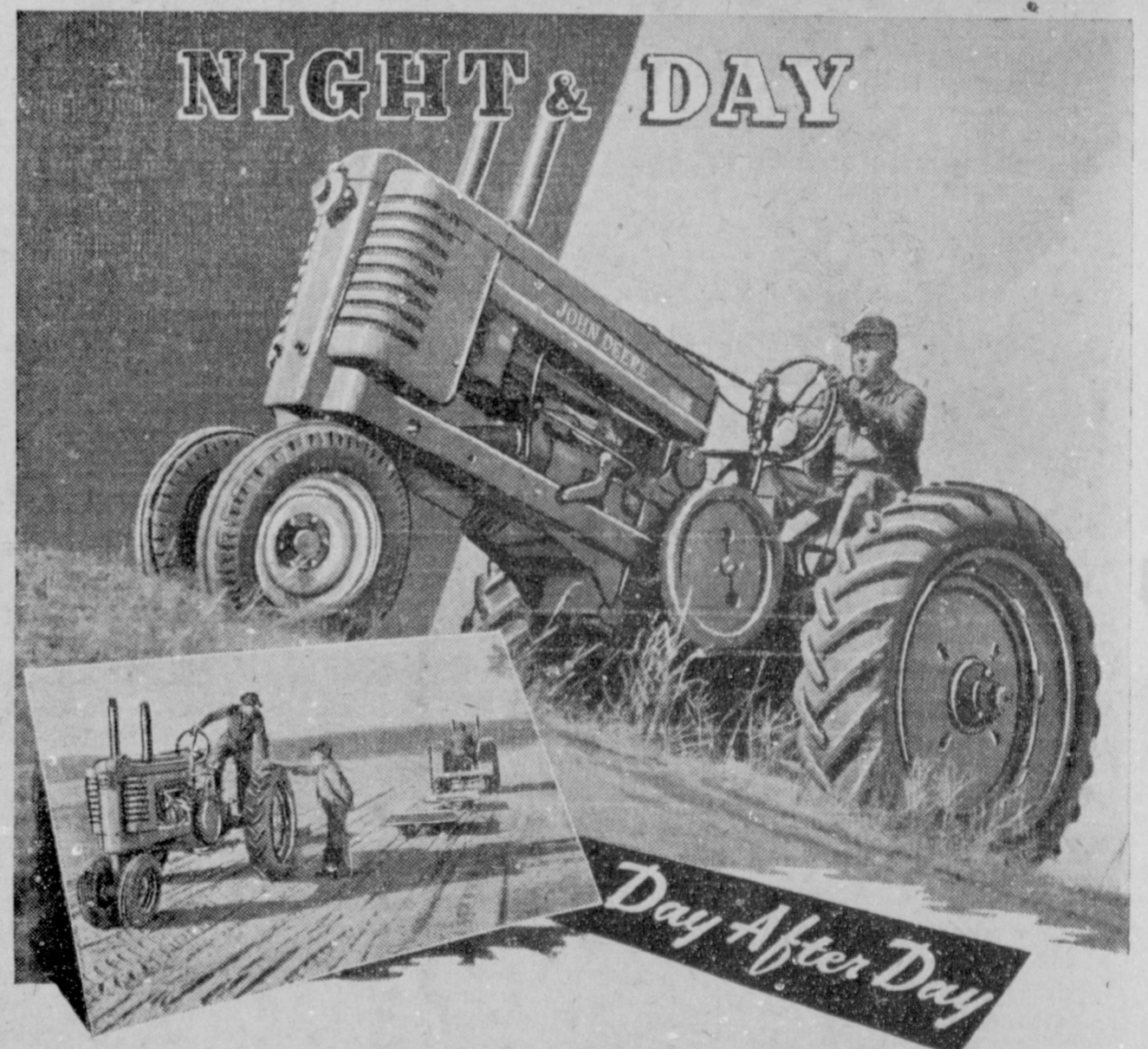
W. G. VOLLMER  
President

## THE TEXAS AND PACIFIC RY.

Fight Infantile Paralysis—January 14-31



ELMER McINTOSH, Agent—PUTNAM, TEXAS



THE throaty roar of the sturdy, two-cylinder engines of the John Deere Tractors goes on and on. Weary operators climb down, others take their places. Through dawn, dusk, and midnight—twenty-four hours a day—three shifts keep the tractors lurching down gullies, clinging to slopes, streaking along level terrain.

The scene is the testing grounds for the famous John Deere two-cylinder tractor. Here that tractor will get such continuous grueling operation as it would never receive in the farmer's possession.

When that test is finished, engine will be torn down, parts disassembled. Was there excessive wear on this part? Did any weaknesses appear? Could any part be improved? The answer to these questions—and many more that engineers ask—are all revealed by these exhaustive tests.

All John Deere farm equipment is subjected to similar searching tests in the field. It is a part of the over-all policy that guides the entire John Deere organization.

## F. P. Shackelford & Son

Putnam, Texas

JOHN DEERE QUALITY FARM EQUIPMENT

# MORAN

## Personal Mention

Mr. and Mrs. James Snyder of Fort Worth spent last week-end at the Snyder ranch and returned home Sunday evening.

Mike Chambliss of Eastland, spent a few days in Moran this week. He states his father's shop has been sold to an Abilene firm.

Mrs. Fannie Dennis is recovering from an attack of pneumonia at the home of her daughter in Cisco. Her many friends are glad to hear the good news of her recovery.

M/Sgt. Stephen L. Drake Jr. has just returned from California where he had his final discharge. He had been six years and 17 days in service. He spent the last 4 1/2 months in mid-Pacific with 20th B. 49.

Jack Dennis returned home this week from 18 months overseas.

Jack was in the Signal Corps in India. He made a complete trip around the world, going through the Panama Canal to Australia, thence through the Mediterranean, the Red Sea and Suez Canal. Of all the world no place like home. His baby boy was two months old when he left Moran. Jack was looking hale and hearty and had his final discharge at Camp Fanning, Texas.

Mr. and Mrs. W. F. Martin have sold out at Big Spring and will locate in Moran, when a house is available.

The old Femester place has been sold to Mr. and Mrs. Delbert Brooks and they plan to build a home in Moran.

Lee Weir is remodeling his repair shop. A new front will be added and a sales room will be installed which will make a fine place of business. Geo. McCargo is doing the work.

## Gall Bladder Disease Is Common Condition

Gall bladder disease is a relatively common condition brought on by bad dietary habits, inadequate rest and the slightest of health rules in general, according to Ellihu Katz, M. D., of New York. Writing in the January issue of Hygeia magazine, Dr. Katz said that in order to prevent gall bladder disease "all general health rules must be observed." The gall bladder is a small muscular sac under and between the two lobes of the liver. Its chief functions are the collection, storage and concentration of bile brought it from the liver. This bile it releases when the stomach contents pass into the small intestine. Gall bladder disease is a chronic inflammation and disturbed function of the gall bladder, in which stones may or may not be present.

Dr. Katz wrote that "one of the outstanding symptoms of gall bladder disease is colic or pain. Gall bladder pain, due to severe contractions of the inflamed organ while attempting to empty its contents, is usually felt in the upper right part of the abdomen over the gall bladder area. Occasionally it may be felt in the pit of the stomach or over the entire abdomen, on the right side of the back, the right shoulder or arm, and it may even be located in the chest and resemble a heart pain. The intensity of the pain varies from a dull ache to a severe colic. As a rule, eating increases the pain because food in the small intestine causes contractions of the inflamed organ."

## Campaign Against Cattle TB Solves Beef Tonnage

When the campaign to clear cattle tuberculosis from the farms of this country started 25 years ago, most emphasis was placed on providing a safe milk supply, reports the department of agriculture. Now, it appears the fight against cattle tuberculosis has not only protected the milk supply, but has saved a vast amount of beef as well. Today, this savings in beef runs at a rate of nearly 40,000 head of cattle or about 16,000,000 pounds of beef a year, the department officials estimate. Of about 14,500,000 cattle carcasses federally inspected during the last fiscal year, less than 1 out of 10,000 was seriously affected with cattle tuberculosis. Twenty-five years ago, they report, 30 times as many carcasses were condemned for tuberculosis.

Though remarkable progress has been made in freeing the cattle herds of this country of tuberculosis, some unsuspected centers of infection turn up continually. Meat inspection and livestock shipping records help in tracing tuberculosis cattle to their home premises and clearing out the infection. Department officials urge retesting herds from time to time to detect any new herd infection early, and hasten the complete eradication of cattle tuberculosis.

## Chicken Feathers

No one thought of using chicken feathers for cloth until a simple and cheap way of preserving them was developed by the department of agriculture. The fine elements of the feathers are twisted into a light-weight, furry thread that can be woven into soft sweaters, fluffy mittens, scarfs and belts. Full 100 per cent chicken feather cloth is not durable enough for some purposes. But scientists have found that by making a 50-50 combination of chicken feathers and wool they can produce a fabric that will wear better and is warmer than wool. Decorative effects are achieved by mixing feathers with rayon, wool, cotton, nylon, fortisan, and other fibers. Even the quills of the feathers can be made into a cloth that is very much like silk, although far more elastic.

## Whipping Cream

The whipping quality of cream depends on its age and its "richness" or butterfat content. Freshly separated cream does not whip well. It needs to stand and chill at least four hours. The whipping quality improves if it stands 24 hours. Cream sold by dairies for whipping will have sufficient aging when delivered. If cream is to be kept after whipping, keep it in the coldest part of the refrigerator. How much cream to whip at a time depends on the size of the whipper. The usual small household beater does the best job with no more than a pint of cream. If larger quantities are to be whipped, time will be saved by whipping in successive batches.

## Huge Grant

It was not until "gentlemen adventurers" of the Hudson's Bay company obtained their charter in 1670 that fur trading became a thriving business. Having discovered one source of riches, the company little knew what tremendous power their charter gave them — "the whole trade of all those seas, straits and bays, lakes, rivers, creeks and sounds together with all the lands, countries and territories upon the coasts and confines of the aforesaid." Charles II of England had no way of knowing how vast was this uncharted territory — 30 rivers, all the northwest territories, most of Manitoba, Saskatchewan, Ontario and Alberta — almost a third of Canada.

FOR SALE—Adding machine rolls 15 cents each, at the Leader office.

## Test Will Aid in the Softening of Water

Many farm women are confronted with "hard water" troubles each washday and are often asking how much water softener should be used in their washing machines. It will take only about 10 minutes to make a simple test as to how much water softener your washing machine requires. Fill a pail or pan with a gallon of hot water, add one teaspoonful of water softener compound, mixing well. Add two tablespoons of soap and whip into suds. An egg beater is best for the whipping process. Then wait a minute or so to see if the suds last. If they do, enough water softener has been added. But if the suds die down quickly not enough softener has been used. Try again with fresh water and twice as much softener as before, until you find the right amount.

When you find the right proportions, multiply them by the number of gallons your washing machine holds. And you'll know how much water softener you need for your machine. Jot the figures down some place so you won't forget and next time washday comes around you'll know exactly how much softener to use.

## Study Rotation

Engineers with the aid of a newly developed instrument — the Rotascope—now are able to make any rotating object appear motionless before their eyes. The blade of an electric fan, or an airplane propeller, will appear to stand still, even though they're whirling at full speed, when the "optical engineer" is focused upon them. Developed for the study of airplane propellers under actual operating conditions, the rotascope is the first instrument of its kind which allows the continuous viewing of a rotating object at any point on the perimeter (or path of travel). The new device is an answer to the scientific problem for an optical system capable of untwisting the light of rotating equipment before it is recorded by the human eye. It eliminates the rotary component of motion, but shows any flutter or vibration of the moving part, thereby making it possible for scientists and engineers to make a thorough study of the rotating parts of machinery, Mr. Barnett explained.

Fresh shipment typewriter ribbons, available at the Leader office.

Cellophane tape now on sale at the Leader office.

ATTEND THE  
**CHURCH OF CHRIST**  
LORD'S DAY SERVICE 10 A. M.  
Preaching Second and Fourth Sundays  
Evening Services 7 P. M.  
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BAIRD, TEXAS

*Flowers for all occasions.*

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**PROMPT SERVICE**

## Rikshas Make Way for Modern Transportation

Jinrikshas are on their way out of the street scene in Shanghai. In order to increase manpower in other fields, the city's transportation authorities have approved a three-year plan which will completely eliminate the familiar riksha as a public conveyance.

Shanghai, China's most important commercial center, was the scene of a riksha graft investigation in 1934. It was found that riksha boys cleared only \$3 a month, paying nearly half their daily earnings to the company from which they rented their rikshas. None of the carriages was coolie-owned.

An individual coolie could work only about 16 shifts a month, as competition for the rikshas was great and there were not enough to supply the demand. This meant enforced idleness for many. From 70,000 rikshas in Shanghai the companies made large annual profits. With the advent of streetcars, automobiles and bicycles, rikshas were the cause of frequent traffic snarls.

## Need for Quality Exports Shaped Swiss Watches

From the Middle Ages on Swiss have made tower clocks for their churches and town halls, and adorned them with ingenious carvings. A parade of toy bears marks the striking of each hour on an old tower clock at Bern; and from the German Baren, meaning bears, the city is said to take its name.

From early town-clock building came a gradual evolution toward smaller and smaller clocks. From generations of devising mechanisms for puppets, clocks and toys came the finger skill that made the Jura Swiss able watchmakers. From their unproductive environment and limited domestic market grew the necessity for importing raw materials to manufacture goods of concentrated value that would sell on merit in foreign markets despite stiff tariff barriers.

Watchmaking as an infant industry had "arrived" at Geneva and Neuchatel before 1700. It gradually extended through the Jura to Bern, Le Locle and La Chaux-de-Fonds—all towns where it has grown big in the past hundred years.

## BUILDING MATERIAL

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BAIRD, TEXAS

## Dunn's Hatchery

Cisco, Texas

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CISCO, TEXAS

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BAIRD, TEXAS

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Baird, Texas

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