

Heed Nature's Warning Before It Is Too Late

Pains in the Side, Back and Kidneys Show That Something Is Wrong With Your System — Nervousness, Loss of Appetite and Sleeplessness Are Advance Warnings That if Heeded Will Save Serious Trouble Later On.

TANLAC HAS HELPED THOUSANDS REGAIN NORMAL HEALTH

Over 100,000 Persons Have Testified That TANLAC Has Corrected Stomach Trouble, Indigestion, Rheumatism, Nervousness and Kindred Ailments — It Builds Up the System and Starts Rich Red Blood Coursing Through Your Veins. All Good Drug-gists Sell TANLAC.

Wild rabbits, which overrun eastern Washington, are being trapped and shipped to Alaska for food for foxes.

WOMEN! DYE FADED THINGS NEW AGAIN

Dye or Tint Any Worn, Shabby Garment or Drapery.



Diamond Dyes

Each 15-cent package of "Diamond Dyes" contains directions so simple that any woman can dye or tint any old, worn, faded thing new, even if she has never dyed before. Choose any color at drug store.—Advertisement.

Salt fields in western Utah cover more than 500 square miles and run from two to fifteen feet in thickness.



St. Joseph's LIVER REGULATOR for BLOOD-LIVER-KIDNEYS The BIG 25¢ CAN

MOTHER!

Baby's Best Laxative is "California Fig Syrup"



When baby is constipated, has wind-colic, feverish breath, coated-tongue, or diarrhea, a half teaspoonful of genuine "California Fig Syrup" promptly moves the poisons, gases, bile, souring food and waste right out. Never cramps or overacts. Babies love its delicious taste. Ask your druggist for genuine "California Fig Syrup" which has full directions for infants in arms, and children of all ages, plainly printed on bottle. Mother? You must say "California" or you may get an imitation fig syrup.

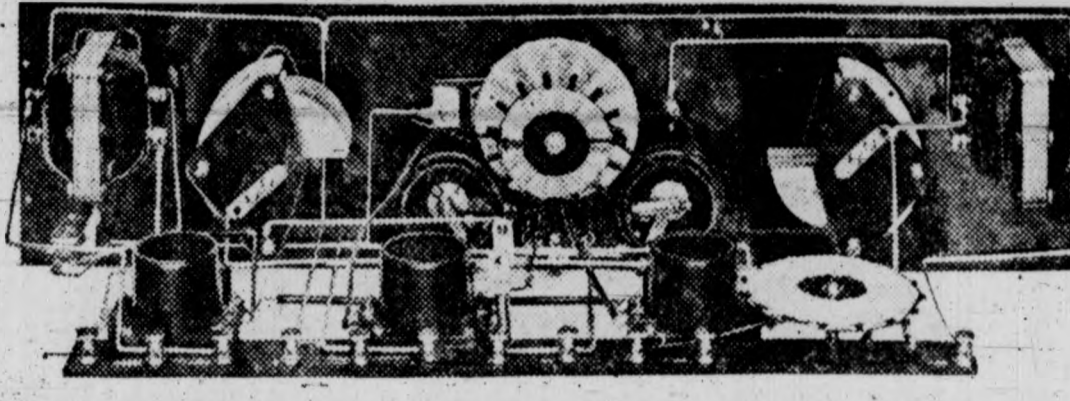
OLD SORES, PILES AND ECZEMA VANISH

Good, Old, Reliable Peterson's Ointment a Favorite Remedy.

"Had 51 ulcers on my legs. Doctors wanted to cut off leg. Peterson's Ointment cured me."—Wm. J. Nichols, 40 Wilder Street, Rochester, N. Y. Get a large box for 35 cents at any druggist, says Peterson, of Buffalo, N. Y., and money back if it isn't the best you ever used. Always keep Peterson's Ointment in the house. Fine for burns, scalds, bruises, sunburn, and the surest remedy for itching eczema and piles the world has ever known.

RADIO

(Edited by G. Douglas Wardrop, Editor of Radio Merchandising)



Rear View of New Trirdyn Receiver—Simplicity of operation and construction makes this new Trirdyn 3 R 3 the perfect receiver for all purposes. It will operate with any antenna and does not radiate when receiving broadcast signals. Four important radio principles are employed in this circuit, which gives signal strength equal to five tubes, but only three are necessary in the Trirdyn.

The rapidly increasing popularity of tuned radio frequency in receiving sets is clearly indicative of its extreme efficiency. A prominent radio corporation has used tuned radio frequency for the past two years, notwithstanding the great amount of publicity already given to tuned radio frequency of the transformer type. It is gratifying to the president of the corporation to know that so many large and influential manufacturers are turning to tuned radio frequency amplification in the design of the new receivers.

The newest addition to the line is the Trirdyn 3 R 3, announced on the third anniversary of the corporation. The Trirdyn, having passed through a thorough test from every angle, and after practical use by people in various parts of the United States, was deemed ready to distribute to the public. Laboratory tests are not always as practical as those given a receiver under the different circumstances encountered in actual operation and the reports received bore out the excellent tests of the designers. A year has been given to perfecting this receiver.

Four important principles are accomplished in receiver design in the Trirdyn: tuned radio frequency amplification with the first tube; Armstrong regenerative detector action with the second tube; reflex amplification by employing the first, or radio frequency tube as an audio amplifier and one stage of audio frequency with the third tube. These factors combined in the particular arrangement of this receiver give signal strength of a receiver utilizing five tubes.

The Trirdyn will not radiate when receiving broadcasting stations' signals due to the fact that the antenna is very loosely coupled to the secondary circuit and a nonoscillating radio-frequency amplifier is employed before the regenerative detector, as a barrier to

prevent oscillations generated by the detector upon reaching the antenna.

The primary or antenna circuit of this set is aperiodic or untuned, making it possible to calibrate the secondary circuit and the tuned radio frequency amplifier in terms of wave-length, thereby enabling the receiver to be accurately adjusted to the signals of any broadcasting station from a calibration table or curve sheet. This arrangement greatly simplifies tuning, making it possible for the operator after having once located a given broadcasting station, to again return to it by adjusting the two tuning dials at the numbers previously logged. This makes it the ideal receiver.

The set is very selective because it employs tuned radio frequency, loosely-coupled antenna and a tuned secondary. It is possible to receive the distant stations despite local interference. For example, in Cincinnati it is possible to tune in KDKA which is only 17 meters higher in wave length than WLW, while the latter station is in operation.

The operation of the Trirdyn is very simple and will give excellent results with any type of antenna. It operates satisfactorily with a small indoor antenna, which provides loud-speaker volume, even on long distance stations and good results have been obtained without using any antenna, using only a ground connection.

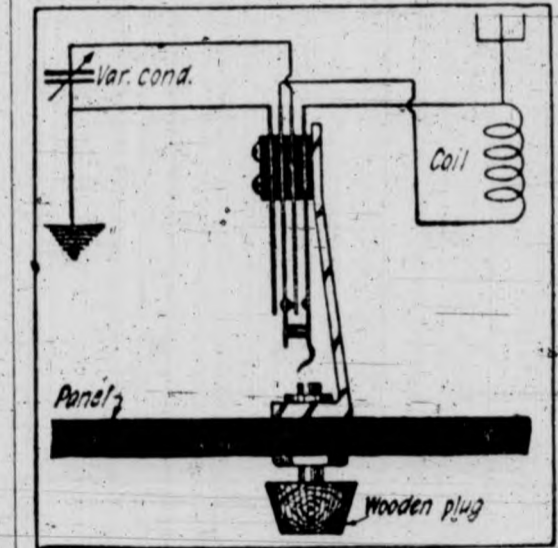
It requires a detector and two amplifier tubes of standard type and satisfactory results are obtained when dry cells are employed for lighting the filament, but the volume will be greater with 6-volt tubes. The amplifier circuit employs 90 volts of "B" battery, but will operate satisfactorily with 45 volts. A "C" battery may be employed if desired. The Trirdyn is enclosed in a beautiful solid mahogany cabinet and a cabinet to match may be used for the dry cell batteries.

How to Build Your Own Series-Parallel Switch

By S. STARR WALBRIDGE

In constructing a honeycomb coil set, the diagram of which calls for a series-parallel switch to put the primary condenser in either series or parallel with the primary coil, a very neat job can be done by using a four-spring, two-closed-contact Jack. The Jack should be connected as shown in the accompanying diagram. The change from series to parallel is made by inserting a wooden plug where the phone plug would ordinarily go. If you have an old violin key, this may be cut off and will suit the purpose very well. Another method of making the plug is to cut a small spool in half, shape the cut end of one-half to suit yourself, and insert a short, round stick just the size of the hole in the spool. The plug may be enamelled black.

This arrangement not only works well, but requires a very short time for installation, and takes up very



A Neat and Efficient Series-Parallel Switch Can Be Made by Employing a Jack of the Type Shown.

little panel room. Only one hole need be drilled in the panel instead of several as for the ordinary series-parallel switch, and the result is much nicer in appearance.—Radio News.

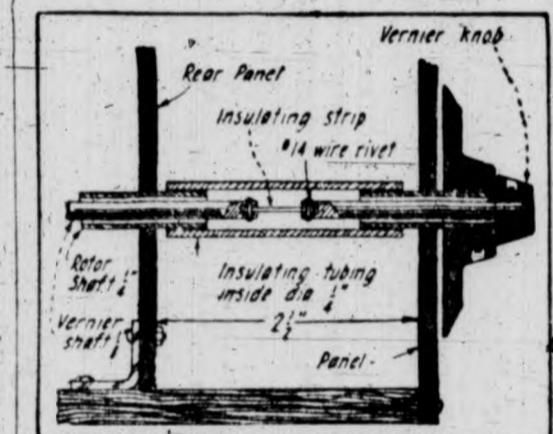
Tinning Soldering Iron to Make Solder Stick

Radio set builders and experimenters who have trouble with their soldering irons will find 10-cents' worth of sal ammoniac a good investment. It is a white powder. When the iron gets refractory about holding solder, file it clean and bright, heat it a trifle above soldering temperature. Plunge it in the sal ammoniac and then apply solder and rosin, or use rosin cored solder. Coat the point half way up the iron. Let the iron cool and then use it as before. Care in not getting it too hot will prevent burning off the "tinning," as it is called.

Body Capacity May Be Obviated by This Plan

By E. G. MAHONEY

It is well known that the general practice of shielding panels is not as efficient as it might be. While tin foil or sheet metal eliminates the body capacity, it also has a tendency to ab-



If the Metallic Shafts of a Variable Condenser Are Insulated From the Knob and Dial by Small Strips of Insulating Material as Shown, Body Capacity Is Eliminated.

sorb energy from the apparatus which it is shielding.

I present herewith a novel and efficient method of eliminating this nuisance, as per sketch, which is practically self-explanatory. When mounting a variable condenser with a vernier, the connecting link between the two vernier shafts should be a flat piece of bone or any good insulating material, the same being fitted into the saw slit and a hole drilled with a No. 50 drill and a copper rivet inserted. The one-fourth inch shaft upon which the dial is mounted should be of hollow brass in which the smaller rod fits.

This method may also be applied to variocouplers; no rear panel is necessary with a variocoupler, as the average coupler on the market today is self-supporting.—Radio News.

Loud-Speaking Crystal Set Not Yet in Sight

Beware of the man who offers to tell you how to build a loud-speaking crystal set. It cannot be done without the addition of one or two bulbs, and most of the "plans" advertised prove to be nothing but hook-ups of standard audio-amplifiers. There is a mechanical amplifier made in England for use with crystal receivers, but the price of the device is staggering. But taken by itself it is absolutely impossible to work a loud speaker on a crystal set unless the set is located within 500 feet of a broadcasting station. The only energy present in such a radio receptor is what is picked up by the aerial, and its actual value is infinitesimally small.

IMPROVED UNIFORM INTERNATIONAL

Sunday School Lesson

(By REV. P. B. FITZWATER, D.D., Teacher of English Bible in the Moody Bible Institute of Chicago)
(Copyright, 1924, Western Newspaper Union)

Lesson for May 11

JEHOIADA'S VICTORY OVER BAAL

LESSON TEXT—II Kings 11:1-18. GOLDEN TEXT—"Be strong in the Lord, and in the power of His might."—Eph. 6:10. PRIMARY TOPIC—A Kind Woman Saved a King. JUNIOR TOPIC—The Story of a Boy King. INTERMEDIATE AND SENIOR TOPIC—God's Hand in Human Affairs. YOUNG PEOPLE AND ADULT TOPIC—What Jehoiada Meant to Judah.

Joash, viewed in the light of his ancestors, was a poor prospect for a king. His grandmother was the wicked Athaliah and his great-grandparents were Ahab and Jezebel. There was enough bad blood in his veins to assure his doom. Despite this fact, he brought about some noble reforms and turned the people back to God.

I. Athaliah Usurps the Throne. (vv. 1-3).

1. Her Attempt to Destroy the Seed Royal (v. 1). In order to remove any rightful claimant to the throne she tried to kill all the royal male children. The act was not of sudden impulse, but of deliberate purpose.

2. Joash Preserved by Jehosheba (vv. 2, 3). Though Athaliah was keen eyed, she was checkmated by another woman. This woman, the wife of the priest, stole away this child and hid him away in a bedchamber for six years. God had promised that through the Davidic line the Messiah should come. In order that this line be unbroken Joash must be preserved. No purpose of God can fail.

II. Joash Crowned King (v. 4-12).

1. Jehoiada's Preparations (v. 4-11). The high priest and his wife were strong characters. As the high priest, Jehoiada felt that it was his duty to thwart the heathen project of Athaliah. His wife's co-operation made possible the saving of Joash.

(1) Seeks the aid of the military leaders (v. 4). He knew somehow that these men were not loyal to Athaliah.

(2) He took an oath of them in the house of the Lord (v. 4). He bound them to their agreement by every available means.

(3) He incited their spirit of patriotism (v. 4). He gave them a sight of the king's son. This, no doubt, was a great surprise. Now, having seen the heir to the throne, they would risk everything, even their lives, in order to set him on the throne.

(4) He co-ordinates all matters (v. 5-11). The soldiers were divided into companies and arms were distributed to them. Each group was assigned to specific duties.

2. The Coronation (v. 12).

(1) The king's son brought forth. This was a great day in Jerusalem.

(2) Put the crown upon him. This was the formal induction into office.

(3) Gave him the testimony. This was a copy of the law indicating that the king was to rule according to the law of God. The act of putting the law on his head showed that the king himself would be under control of the law.

(4) Made him king. This shows that he had been made king by the choice of the people.

(5) Anointed him. They poured oil upon his head. This was the usual method of consecrating prophets, priests and kings.

(6) Clapped their hands. This was a token of joy. The deed being done, they were ready to publicly proclaim it. They shouted "Long live the king."

III. Athaliah Slain (vv. 13-17).

1. The Noise of the Coronation of Joash Brought Athaliah to the Temple (v. 15). Up to this time she thought her place on the throne was secure and that her heathen religion had free course.

2. Her Doom (v. 14). Upon her arrival at the temple she saw the king wearing the crown and surrounded by guards so that she could do nothing. In her despair she exclaimed "Treason, treason!" This was not treason, but the triumph of right over wrong, the defeat of conspiracy and plotting.

3. Athaliah Executed (v. 15, 16). The orders were that she should not be killed in the temple. They led her out by the way of the horses' entrance to the king's palace and slew her. What a tragic end for the sinner. Sin can only prosper for a time.

IV. Worship of the People (vv. 17, 18).

Joash was seven years old when he was made king. The high priest made a covenant between the Lord, the king and the people that they would be the Lord's people. In carrying out this covenant they broke down the temple of Baal and slew the priests of Baal.

When Success Fails

There is no failure more heartbreaking and disastrous than success which leaves God out of the bargain. If you are simply setting out in life to amass mere material success, fame created or position gained, then success will be the most dismal and disastrous failure.—G. Campbell Morgan.

The Extent of Usefulness

Our duty is to be useful, not according to our desires, but to our powers.—Evangelical Visitor.

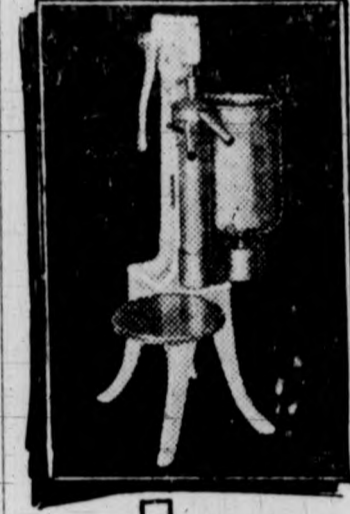
30 DAYS' FREE TRIAL 12 Months to Pay



Send No Money—Just ask us to loan you a SHARPLES for a Free Trial

Practically every farmer at one time or other has wanted to try a SHARPLES Cream Separator. Mr. Sharples has formulated a 30 Days' Free Trial Plan that will enable you to try the SHARPLES Allsteel Separator without any cost to you whatsoever—he even pays the transportation charges to your express office. Never before has a great, nationally-known Separator manufacturer made such startling terms.

Sharples Allsteel Separator



Why not get the world's best while you are at it. The SHARPLES Allsteel Cream Separator is a Super-Separator. Turn it with one finger and skim over 600 lbs. of milk per hour. The whole frame and stand are of forged steel. Every part is constructed with the greatest skill. Have the wonderful Automatic Variable Feed at any speed. Send at once for details of the Free Trial on your farm.

The Sharples Separator Company, West Chester, Pa.

Couldn't Be Expected to Get Same Results

Theodore Roosevelt's sudden burst into the limelight in connection with the oil inquiries, brings to mind the fact that as a youngster he showed many of the traits of his illustrious daddy. For one thing, he was a real boy.

Family friends recall a morning at Oyster Bay when Teddy, Jr., came to breakfast with a dirty face.

"Why, Teddy," exclaimed his mother, "you didn't wash your face this morning."

"Oh, yes I did," maintained the boy. "Well, it doesn't look as it does when I wash it."

"No wonder! If I rubbed as hard as you do, I'd push myself over."—Los Angeles Times.

Heroic Early Texans

Although Texans and Mexicans are now on friendly terms, as are states of the original thirteen American colonies with the mother country, England, there was a time when fighting was to the death and with little or no quarter given.

Blood, hunger and suffering trace heroic tales over the pages of Texas history. Col. James Bowie was ill and had to be carried across the mark in a cot when, at the Alamo, Col. William Barret Travers drew a line with his sword and said, "Whoever is willing to die like a hero, let him cross," say the Detroit News.

Might Help

"Money makes the mare go." "I wish that mare knew I have \$3 on her."—Louisville Courier-Journal.



Hot BISCUITS In Eight Minutes

I WOULDN'T think of doing without self-rising flour. . . . Use it practically every meal. . . . In the morning when every one's in a hurry, or when I want a quick meal, I can have a heaping plate of the fluffiest, most delightful biscuits you ever tasted in eight minutes! . . . Anybody who has never used self-rising flour can't realize what they are missing in convenience, economy and tastiness. . . .

Just examine a biscuit made with self-rising flour and you will see why this Tennessee housewife finds pleasure in using self-rising flour every meal. Note the golden crust. Break it open. What a sweet, wholesome freshness! Taste the dainty, snowy-white texture. See how perfectly the pure phosphate baking powder has leavened it.

When you buy self-rising flour with the Blue Shield on the bag you may be sure that it's wholesome, healthful and nourishing. It complies with all pure food laws.

FOLLOW THESE FIVE RULES For Making Perfect Biscuits with Self-Rising Flour: (1) See that your oven is hot; (2) Always use sweet milk or cold water; (3) Never add baking powder, soda or salt; (4) Use good shortening—lard, vegetable fat or butter; (5) Make soft dough—bake quickly.—SOFT WHEAT MILLERS ASS'N, Inc.

Advertisement for SELF-RISING FLOUR featuring the Blue Shield logo and a money-back guarantee.