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#### Friday, March 16, 1926

Knowledge is proud that he has learned so much: Watom is humble that she knows no

William Cowper.

#### THE MOTHER'S HYAN

Lord, who ordainest for wanking Benignant toils and tender cares! We thank Thee for the ties that

The mother to the child she We thank Thee for the for hop s

that rise. Within her heart, as, day by day. The dawning soul, from those young eyes,

Looks, with a clearer, steadies

And grateful for the blessing given

With that dear infant on her knee.

She trains the eye to look to heaven. The voice to lisp a prayer to

Thee. Such thanks the blessed Mary

gave. When, from her lap, the Holy Child.

Sent from on high to seek and

The lost of earth, looked up anb smiledr

All Gracious! grant to those that

A mother's charge, the strength and light

To lead the steps that own their care

In ways of Love, and Truth, and Right.

#### -- W. C. Bryant HOW THEY DO IT

Salina, Cole rado, March 6,1926.

Hon. Chas. B. Timberlake, Washington, D. C. Dear Mr. Timberlake:

you are besieged these days will many letters pertaining to the contents of the inclosed clipping and herewith take the liberty to convey to you some information to the effect ahat while in a gro cery store at Boulder last Satur day, it was said a man made a statement in the store that same day that he had Voted more thau forty times by clipping and mailing in the Denver Post coupon What a wonderful vote this State could cast for Representative under the same condition, and should I ever feel disposed to op pose you, I certainly will employ the Post service.

I am, very sincere's yours, Geo. D. Parks. From Cong. Record. WATKINS ANNOUNCES

HIS CANDIDACY Excongressman Elton Watkins has announced his candidacy for the United States Senate. Mr. Watkins stands on a platform of eleven planks; Americanism, Agri culture, Hydro-electric Power De velopment, Irrigation and Reclamation, Public Domain, Income Taxation, Merchant Marine, Pro hibition, World Peace, Tax Reduction and Other Issues.

The planks on World Peace and Prohibition are as follow:

Prohibition is being weighed in the balance. It should remain a permanent policy of the American people because it is morally and economically right. Sober senators are needed in Washing ton to recomend proper enforce ment officials. Furthermore the law should be amended penaliz ing the purchaser, seller, user and possessor with identical pun

THE IONE INDEPENDENT punishment. Violations can be instantly reduced 90 per cent by enacting a statute deporting every alien engaged in the trafic.

> The outlawry of war, reduction of armaments, and universal peace are possible by prohibiting prof its in munitions and materials o war, subjecting capital to co scription the same as man powin case of war, and establishin a method and a place where caus es that liad to war can be settled by arbitration, diplomacy and



### Action, Stability in Five-Tube Set

Receiver Using Basket-Weave Coil Mounted Behind Condensers.

By CAPT. P. V. O'ROURKE in Radio World.

The standard five-tube tuned RF set is shown in the diagram. The receiver uses basket-weave coils that are mounted behind the tuning condensers. This introduces an action in the circuit which tends toward stability. Unless this were done the tubes on the radio side would be uncontrollable.

As a further check upon disastrous action by the radio amplifying tubes the rheostat controlling the two RF tubes may be varied. The greater the resistance of the rheostat in the circuit, the less brightly the tube burns and the less oscillation.

Fits On a 7 by 18 Inch Panel. The set may be constructed on a 7 by 18 inch panel. A convenient method of assembly is to use a socket shelf. There is just enough room for the coils behind the condensers. Angle irons are used to secure the colls to the socket shelf. Although called irons, they are most commonly brass. A tubing is inserted through one of the apertures caused by the method of winding a basket-weave coll. This aperture formerly was occupied by a dowel stick or other rod of the winding form. Inside this tubing a long machine screw is placed, with thread toward the condenser, so that a nut may be affired at that end, to clamp the screw down upon the brass angle The other end of the angle is affixed to the socket shelf. Daually one angle, bent like an L, with a short horizontal plane as the base, is sumcient for each coll,

The Coils.

The inductances are alike in construction. The primaries have eight turns and the secondaries have 56 turns. The wire is No. 24 enameled silk covered. The form diameter is three and one-half inches. Usually there are 15 rods on which the wire wound, these constituting the

The secondary is wound for 24 turns, then the primary wire is picked side, for eight turns. The primary winding being terminated then, the rest of the secondary (25 more turns) is put on. The small primary is used as a further aid in obtaining a receiver that will not cause troublesome oscillations.

The set, made under these directions, with .00085 mfd, tuning condensers, will tune approximately in step. One factor that tends to oppacity in the first radio transformer, due to the aerial-ground system. Thus Cl might tune with readings a little lower than those of the other condensers. To get away from this four turns may be removed from the secondary of the first radio

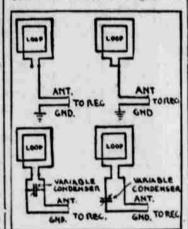
transformer, or, in the actual windows. the number of turns might be made four fewer than that on the other conductes (i. e., 52 instead of 56).

The circuit enables one to use earhones at the detector output, but the lack providing for this purpose, J1. is to facilitate the tuning in of distant stations, and not for general earphone reception. On that account the rheostat that controls three tubes the detector and two audio-has no auxiliary switching arrangement. That is, when the detector tube is lighted the audio tubes must be lightedotherwise there would be something wrong with the wiring, if the diagram were the guide. J2 is for insertion of

#### How to Connect Loop to Your Receiver Set

A loop antenna consists of a number of turns of wire arranged on a wooden framework of diamond or

One advantage of a loop antenna qualities or will receive a signal from



Methods of Connecting Loop Antenna to Receiver Set.

one direction with greater strength than from another. Also, in rotating the loop to help in selecting the station one wants to listen to, this kind of an antenna may at times aid in reducing interference from undesired stations or from static.

History of Locks

The history of civilization could be written from a study of its locks and keys, for since the barred gate of Eden problems of inclusion and exclusion have concerned mankind. Egyptians and Greeks were adepts at lock-making; the Spartans wrought an improvement of which the description is lost, It is a historic fact that the downfall of the Roman empire gave a marked impetus to the manufacture of wards and bolts, for Rome had policed the world and thieves were encouraged by the disappearance of strong-armed au thority which they had feared. It is singular, in view of the prevalence of padlocks in official employment today. that the derivation of the first syllable of the name is uncertain. Webster says that it may have meant a basket or pannier.

#### Lodge Directory

IGNE LODGE No. 120, A.F. & A M Meets every first and third Wednes of each month, W. M. W. E. Bullard Sec. Elmer Griffith

LOCUST CHAPTER No. 119. O. E. Mee's the second and fourth Tues lay of each month. W.M. Mrs. Clra. Howk; Sec. Mrs. Ruth Mason.

IONE LODGE No. 135. I. O. O.F. Meets every Saturday evening. N. G., Edison Morgan; V. G. Ernest Hellker, Sec. Earle A. Brown; Treas

BUNCHGRASS REBEKAH No. 21 I. O. O. F. Meets the first and third Thursday of each month. N.G. Etta Howell; V. G. Vida Heliker Sec. Verda Ritchie: Treas, Etta Bris-

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#### Bible Thoughts for the Week

I Am the Way, the truth and the life.—John 14:8.

That They Should Seek the Lord, . . . For in Him we live, and move, and have our being.-Acts 17:27, 28.

Tuesday.

I Will Both Lay Me Down In Peace, and sleep; for thou, Lord, only makest me dwell in safety. -Ps. 4:8,

Wednesday.

Love Not the World, neither the things that are in the world. If any man love the world, the love of the Father is not in him. -I John 2:15,

Thursday.

Pure Religion and undefiled before God and the Father is this, to visit the fatherless and widows in their affliction, and to keep himself unspotted from the world .- Jas. 1:27.

Friday.

Thou Art My Lamp, O Lord: and the Lord will lighten my darkness. For by Thee I have run through a troop; by my God have I leaped over a wall.-II Sam. 22:29, 30.

Saturday.

There is No Man that hath power over the spirit to retain the spirit; neither hath he power in the day of death: and there is no discharge in that war.—Eccles. 8:8.

"Friends" Marriages

The laws of the various states provide that a marriage may be solemnized in accordance with the rule of Friends, which consists in simply taking each other for husband and wife

#### CHURCH DIRECTORY

CONGREGATIONAL CHURCH Rev. W. W. HEAD, Pastor Services

11:00 A. M. and 8:00 P. M Prayer Meeting. Wed., 7:30

FIRST CHRISTIAN CHURCH

Sunday School 10:00 A. M. Prayer Meeting Thurs. Evening

Services

10:00 A. M. and 8:00 P M.

FIRST BAPTIST CHURCH

Sunday School at 10.00 A.M. Junior Erideavor at5.30 P.M. Prayer meeting Thurs. 7.30 P.M.

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