## Tuned Radio-Frequency

By Wm. F. Diehl\*

were mainty definite wave being 300 meters. HE quency ation of the new—many the amplifier described in this article during the bands, result length designed f the problem amplification. the lowest types of 유 ဒူ war. for over lengthy reception such amplifiers However, R.F ٥f very wave the radio considervacuum narrow length on a these frenot radiomuseum.org

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city between elements. especially designed so used on these as to wave have lengths low capawere

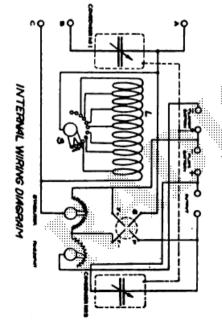
facturers R.F.A. pr plate is applied to tube elements, coupling resistance sistance sponse. reception ploying resonance During choke was fine impedance windings current, that numerous and using problem clearly various types of coupling type Tests were coils below have gaisn obtained Was 80 winding or instead 0f the demonstrated vas out of the 8 past grid of the succeeding by designing types s out 1600 iron cores attempted such either elements, Lancas elements, Lancas elements, Lancas elements, Lancas elements, Lancas elements broaden circuit made higher of, year at of. 2 meters, the succeeding tube characteristics flowing t in our circuits the frequencies and several desired transformers question that band the resistancelaboratory solve elements. thru and its path voltage Ş reason ies the 유 manuwave that emthe the refor re-

> concerned, had wire core This sidered, but far ceedingly cation band. as a for broadening the wave length method, Transformer fair high, yet ever iron-dust the had here desired degree the disadvantage of while was very again even coupling of very wave narrow wave amplification when narrow satisfactory length Was wave length next con-e amplifiamplify-Was band. fine Was as

clude mind rected tire the 150 strument "tune amplification over wave velopment rance result. ទ wave-length range amplifier would function lengths. ed coupled-circ It has a tuned attention 3000 meters. the towards which would coupled-circuit" termed the nost an gives ٥f facts herein amplifier The was the its useful equal what over en-Ħ de-Ė. of.

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plate circuit is tuned by variable condenser and condenser and ductance switch loop or which may be either antenna inductance, circuit S arranged may gaisn means of another 8 output with used. that primary the variable either



coupled tune tuner variocoupler any the be a special amplifier o**r** the usual inductance which may loosemay