Huge Orchestra Program by Radio

300-Price Organization to Concerts Brought to the Sick Give Combined Concert at Auditorium.

Concert by a 300-piece orchestra to be given Monday night, January 21,

All professional musicians

Bronson Copper, Blanche Sorenson, Addie Fogg, Mrs. Phillip Potter, Mrs. A. V. Kinsler, Henrietta Rees, Mrs. Alma Huntley, Mayor James C. Dahl man, Henry Dunn, Charles Gardner, Dr. H. A. Waggener, Marshall B. Craig, Fred G. Ellis, Herman Mansfield, Harry Watts, Harry Goldberg, Fritz Carlson, Sam Oakford, Oscar is used," she explained. Charles Elgutter, Stanley Letovsky, Lieben, E. L. Johnson, Joy Sutphen, William Hartung and A. Cunning-

Buy Now Drive Started.

Important among other indications that this year will see a vastly in- said the nurse, modestly. creased demand for automobiles is may be attached to this, coming as it tory of some hospital. does at the start of the year, for no company is better situated to sense future conditions in the motor car field nor keep more closely in touch heard, according to Miss H. C. Harris, with the temper of the motor buying superintendent of the hospital.

Nurse Makes Small Radio Sets for Bedridden Hospital Patients

Room by Using Bed Springs

A new way of distributing happiness has been found by Fay Parks, senior nurse at Clarkson hospital, The concert will be under the aus. sets the bedridden patients are able to hear a concert every evening and church services on Sunday.

Miss Parks became interested in state have been invited to radio herself last September and erected a small radio set at nurse's home. When patients heard downtown streets the Saturday preereding the concert, to advertise the radio

for the affair include Mrs. Hester "It is very easy to fix them for I

"I buy the equipment patients with their money, put the sets together and attach them. I make weekly rounds to keep them in "It gives the sick ones pleasure

and I am glad to do it for them, Miss Parks is from Neligh, Neb

the "Eur Now" campaign which has Her mind is of scientific trend, she just been launched by the Ford Motor says, and she hopes to continue her Particular significance work for the most part in a labora-

Patients Compare Notes. The patients with radio are busy comparing notes on the concerts "One woman, Mrs. T. C. Wrigh

Enjoy Winter Evenings With a

When cold weather keeps you by the fireside—it is then that you will really enjoy a Cutting & Washington radio set. The news and entertainment of the world at your finger tips! A source of entertainment

Years of designing U. S. Navy Radio Equipment have given a reputation to Cutting & Washington second to none in the field. You'll find here a set to meet your

1514-16-18-Dodge St. - - - Omaka

THE BRANDEIS STORE

Monday New Radio Features

THE efficient principle of reflex amplification, re-

investigators as the ultimate in radio development, is

carried to amazing perfection in the advanced Erla re-

superiority over other types, whether measured in

terms of range, selectivity, ease of control, or volume

flex circuits illustrated and described on this page.

garded by many of the foremost scientists and

Tube for tube, these circuits demonstrate a decisive

and instruction for every member of the family.

purse. Come in and let us show you.

Cutting & Washington



WOAW Radio Programs

Following are the programs to be broadcast from WOAW, radio station of the
Woodmen of the World lave Insurance association, the week beginning January 12:
Sunday, January 13.
Radio chapet service conducted by Rev.
R. R. Brown of the Onnaha Gospel tabernacle of the Christian and Missionary alliance, 2006 Douglas street, and minister
of the Sunday morning radio congregation
and his associates.
Opening hymn, "He is Coming Again,"...
Double Quartet.
Selection, "Sail On,"
Selection, "Sail On,"
Selection, "He Wayside Cross."
Male Quartet (Sung by special request.)
Selection, "Living for Jesus."
Double Quartet.
Reading of Scriptures,
Rev. H. A. Ksithley, associate pastor of
Tabernacie.
Selection, "Lead Kindly Light,"
Double Quartet (by request)
Prayer.
Selection, "Let Not Thy Heart Re

Prayer.
Selection, "Let Not Thy Heart Be
Troubled,"

Troubled,"

Operate.

Troubled,"

Ladies' Quartet.

Bras solo, "Just for Today,"
Jane Bingham Abbett

Albert C. Kittell, (Plymouth Congregation
Church) Sermen, "What is Next?"
Rev. R. R. Brown.
Instrument selection
Melntosh Trio.
Soprano solo. "The Ninety and Nine."
Selection.

McIntosh Trio.

Ano solo. The Ninety and Nine."...

Mrs. H. A. Keithley (By request)

ang hymn and benediction.

p. m.—Bible study hour under per
al direction of Mrs. Carl R. Gray.

800 p. m.—Musical chappel service pre
100 p. m.—Musical serv

Value Danceuse"... Walter E. Mills

ocal solo, "I Come to Thee" Caro Roma

Miss Janice Godsey
Anthem, "Watchman Tell Us of the
Night"... J. Bonking

Introduction by consul commander

John E. Simpson, Omaha, Neel

'At Sunset" R. B. Brewe "At Sunset" Crehestra "Mizpah" Orchestra Benediction Monday, January 14.

6:30 p. in.—Dinner program presented by Randall's Royal orchestra, transmitted from the Brandels store restaurants.

9:00 p. in.—Program presented by Hotel Fontenelle Concert orchestra, Louis Culp, director. Auspices Hannon-Van Brunt Co.

"Etencelles" (Waltz) Waldeutel "At Dawning" Cadman Peer Gynt (Sults) Greig "Morning Mooda" "The Death of Ase."

"Anitra's Dance."

"Calm as the Night" (Classical Song) Bohm

"Tanhauser" (Selection) ... Wagner Tuesday, January 15.

6:30 p. m., dinner program presented

antenna system is generally termed

the radio frequency current. It is not at dinner time," said Miss Harris, "I have a large radio set myself and patients are interested in reports of concerts received on my radio from the outside."

Mrs. Wright has been at Clarkson hospital for three years. She declared that the days with radio seemed shorter than those without radio.

Miss Parks visits Mrs. Wright often to keep her radio in order. All her hours off duty are spent in building and adjusting radio sets.

Zither and Harp Guitar—Selected.

W. C. Kuehn, zither; S. T. Davis, harp guitar—Mooheseart and Moosehaven."

Hond Harp Guitar—Selected.

W. C. Kuehn, zither; S. T. Davis, harp guitar—Mooheseart and Mossehaven."

Hond Harp Guitar—Selected.

W. C. Kuehn, zither; S. T. Davis, harp guitar—Mooheseart and Mossehaven."

Hond Harp Guitar—Selected.

Mrs. Margaret R. Burns.

Saxophone Solo—"Margaret R. Burns.

Saxophone Solo—"Hoses of Picardy"

Mrs. Margaret R. Burns.

Soprano Solo—"Hoses of Picardy"

Mrs. Margaret R. Burns.

Soprano Solo—"Hoses of Picardy"

Mrs. Margaret R. Burns.

Soprano Solo—"Hoses of Deardy"

Mrs. Margaret R. Burns.

Soprano Solo—"Love" Solo — Branscombe Soprano Solo—"Hoses of Deardy"

Mrs. Margaret R. Burns.

Saxophone Solo—"Margurka Bussee"... Genn Solo—"Hoses of Deardy"

Mrs. Margaret R. Burns.

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Mrs. Margaret R. Burns.

Saxophone Solo—"Margurka Bussee"... Genn Solo—"Hoses of Deardy"

Mrs. Margaret R. Burns.

Saxophone Solo—"Love Solo — Branscombe Solo—"Rose of Deardy"

Mrs. Margaret R. Burns.

Saxophone Solo—"Margaret R. Burns.

Saxophone Solo—"Margaret R. Burns.

Solo—"Brank Bucklagham.

Volta Mrs. Margaret R. Burns.

Saxophone Solo—"Margaret R. Burns.

Saxophone Solo—"Margaret R. Burns. possible to cause such high frequency currents in this rapid changing form to actuate directly on a device to convert electrical current variations into sound waves (receivers). In reflex system these radio frequency currents are usually amplified to increase their intensity before impressing them on the rectifier or detector

which converts these high frequenc currents into currents of audible fre quency. After rectification these cur rents are then amplified as were the radio currents by a three electrode in and particular advantage of the

Soprano Solo-"Marcheta"..... Victor Schertzinger reflex system over other systems. Thursday, January 17.
P. M.—Program by courtesy of the Seed and Nursery company, Shenan, 1a. Auspices Woodmen of the are amplified by additional tubes for these input radio frequency currents

Hotel Fonteneile Concert erchestra.
Talk.
Talk. back on the tubes which amplified them at radio frequency, and when

secured from reflexing. Vocal Solo—"Old-Fashloned Garden"... Cole Porter
Mrs. E. J. Gottach. performance and the advantages and advantage of his free offer. Agents disadvantages of each. I will now sum- wanted. Write him today .-- Advertis marize the findings into the require- ment .-

Selection. Mrs. E. J. Gottsch.
Male quartet: Harry Day, baritone:
Grady Fort, bass; Eugene Haaglund,
first tenor; Dr. J. C. Bellamy, second
tenor.
Reading—'The Jumping Frog".
Mark Twain
Selection.

Vocal Solo—"Father, eLad Me"
William E. Anderson, Assisted by Choir.
Scripture Reading
Vocal Duet—"Go to Thy Father in
Prayer
Mrs. Williams, Alto: J. F. Allison, Tener

Spirituals

Violin Duet—Selected

Misses M. Murray and Iola Hill; Miss D.

Reese, Accompanist.

Selection—What Says the Bible **

Belde Choir.

Address—Evangelist J. Hermans Lowrence, St. Christoper, British

Mesdames C. Nelson and J. F. Allison, Mesers J. H. Lawrence and J. F. Allison Nestra Spirituals Come Cuto Me Anderson Petrie Mrs. M. Harrison Mrs. E. Anderson J. H. Lawrence Accompanist Cross. Crown Throne Benediction

Few Motors in China.

Distributing automobiles over critory larger than the continental United States and with a population much larger, yet containing fewer cars than can be found in many American cities, is the job of H. L. Ricks of the H. S. Hornsby company, Pekin, China, who has arrived in this country to attend the national utomobile show, Mr. Ricks' com pany is distributor of Buick automo blies over all of North China, a district which, he explains, is long on cople, but short on roads.

Unique Moon Feature.

To prove that the Lockheed four theel hydraulic brakes, used on Moor cars, assure positive equalization of the brakes on all wheels, Moon is exhibiting a chassis equipped with our-wheel hydraulic brakes with a series of four pressure gauges, one nounted at each wheel, to register the pressure on the brake bands then the brake pedal is depressed.

Reflex Circuit Boosts Signals

By WILLIAM J. SCHNELL

Radio Engineering Staff, Electrical Research Laboratories, Chicago. To the average radio enthusiast a certain amount of interest is derived extended to more than one tube for production expense has caused from adventures in building and op- stable operation. erating his own receivers. Satisfying ticular desire to understand the why and wherefores of the functioning of Clexing stages. their receivers. To the prospective his selection of the circuit for his ency is to be obtained. receiver. It is to these particular 4. A crystal rectifier of the correct

in value from about 500 to 1,000 kilo-

cycles per second, depending on wave

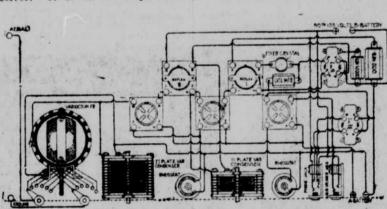
lengths. This incident current in the

rectified are reamplified at audio fre-

tical successful and efficient opera-1. The reflex action should not be

2. Straight radio or straight audio as this may be, many evidence a par-added is desirable, but not more re-3. The radio frequency amplifie

may expect great things in the Cadilbuilder also appeals the knowledge of should be of such construction as to the characteristics of various receiv. permit of variable tuning, if selectivers in order to better equip him in ity and maximum amplifier effici



classes of the radio public to which design will afford the most efficient this article is particularly directed. | rectifier for the circuit. The principle of the reflex circuit 5. The audio transformer is of depends on the ability of a three elecprime importance in the maximum trode vacuum tube to permit currents of reflex action.

of different frequencies to pass The accompanying illustration is of through it at the same time. The the Erla three-tube circuit. frequency of the currents induced in a radio antennae system are very rapid in their cyclic changes, varying

The necessary door stop can also be decorative if one chooses a gaily painted parrot or an old fashioned

New Lamp Has No **Wick or Chimney**

Most Brilliant Home Light Known-Costs One Cent a Night.

A new lamp which has no wick of himney, yet, according to experts vacuum tube. Here lies the difference gives the in the world, is the latest achievement of W. C. Fowler, 277 Factors building, Kansas City, Mo. This re the rectified radio or audio currents this purpose. In a reflex system before are rectified they are reimpressed than vacuum tube economy can be white light, and he will send one of In the foregoing I have shown the reader of The Omaha Bee who writes action of the reflex principle and him. He wants one person to whom pointed out the various methods of he can refer new customers. Take

Two New Models Shown.

Among the surprises of the New mounted on the regular Type V-63 V-type eight cylinder motor. While slight increase in the price of open cars these new enclosed cars are priced at a surprisingly low figure. Mr. Hansen, who just returned from the Cadillac factory, says the public

New Car Price Trend Seen.

Templar Motor Car company of it removes all carbon and prevents spark Cleveland, in a statement issued here, plug trouble and overheating. It can b predicted for 1924 a popular trend installed by anyone in five minutes. Mr. around \$2,000. Owners are rapidly send a sample at his own risk. Write coming to realize that the use of a him today .- Advertisement.

\$2,000 car is cheaper than that of \$1,000 car, he said.

A bicycle has been designed in two new body styles of Cadillac Germany, specially adapted for mountain roads. It is propelled with shutchassis with the Cadillac 90-degree tle-like foot power, instead of the usual pedals and chain.

ADVERTISEMENT Ford Runs 57 Miles On Gallon of Gasoline

A new automatic and self-regulating deice has been invented by John A. Stransky, 2212 Fourth St., Pukwana, S. P. Cleveland, O., Jan. 12.-T. L. Haus- with which automobiles have made from nann, president of the reorganized 40 to 57 miles on a gallon of gasoline toward a car of a price range of Stransky wants agents and is willing to



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IN COLD WEATHER

Every possible assurance of faultless winter performance is provided in the equipment of the Lincoln power plant.

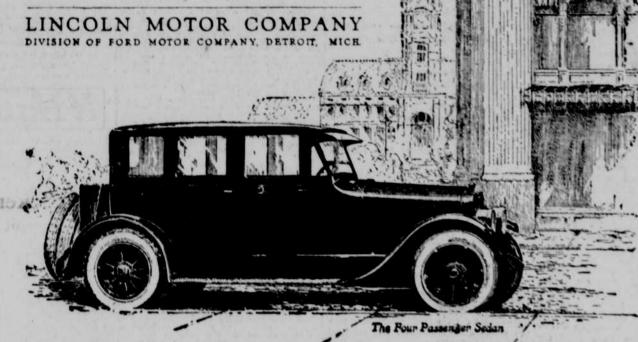
The Electro-Fog Generator produces a rich, highly combustible fuel mixture that makes starting quick and sure in the coldest weather.

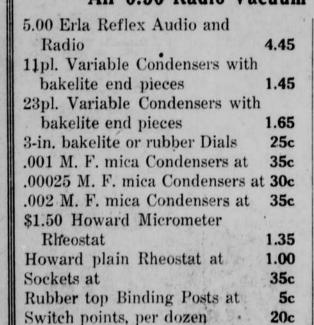
Radiator shutters, controlled automatically by thermostat, assure just the right temperature for highest engine efficiency.

A special tank conserves the anti-freeze solution. It condenses all vapors generated in the radiator and returns the liquid to the cooling system.

These features free you from troubles incident to winter driving. They make Lincoln coldweather performance care-free, positive, and

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All 6.50 Radio Vacuum Tubes Reduced to 5.00 Switch Stops, 4 for Switches at 25c Formica Panel, per square inch 11/2c Single Jacks at Double Jacks at Plugs, Federal, Pacent or U.S. Radio 6.50 W. D. 12 Tubes at 5.95 Bus Bar, per two-foot length 5c Lightning Arrestor at Automatic Phones at 3.65 Freshman Variable Grid Leak and Condenser 2.00 Grewol fixed glass enclosed Detector

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