Flint-SuperHetrodyne_RecessedGrille_Cathedral
_261151-OnGilfillanLabel_Dossier_MAY1992RAG_REV-29SEP2025RAG

Type: Straight Sides, Round Top

Year? / Brand: 1930/Flint (December 1930, "Radio" Magazine Center Spread)

Model: Superhetrodyne

Serial Number (s): 261151 on Gilfillan Label

637-16 in pencil on Speaker

Condition & Comments:

Chassis physically identical to a Jackson-Bell Model 88

Looks very Good * Beautiful Cabinet

Works well, very sensitive

Good Tone

New Power Transformer

Top of Chassis looks original

New Line Cord-Look Alike

Rebuilt Speaker

Replaced missing parts:

Grillecloth

Knobs

Escutcheon (Has one, not original Jesso Escutcheon)

Top of Molding

Continued:

I acquired this radio in 1992... Before Cell Phone Cameras

I sold this Radio to Jerry McKinney in the early 2000's

He has been kind enough to provide new photos'

The Schematic Drawing was updated to CADD for use in other Documents

Thanks to detailed Photographs, on errors was corrected

Also a Notes was added, this radio uses an Outer Rim Reduction Dial Drive

The Knob turns backward W.R.T. the Dial, takes some getting used to!

Original 1992 Document

TYPE: STRAIGHT SIDE ROUND TOP
YEAR?/BRAND: 1931/FLINT
MODEL: SUPERHETRODYNE
SERIAL #: 261151 ON GILFILLAN LABEL
637-16 IN ELECTRIC PENCIL ON SPEAKER
CONDITION & COMMENTS:
CHASSIS PHYSICALLY IDENTICAL TO A J-B88
LOOKS VERY GOOD *BEAUTIFUL CABINET
WORKS WELL, VERY SENSITIVE
GOOD TONE

NEW POWER TRANSFORMER
TOP OF CHASSIS LOOKS ORIGINAL
NEW LINE CORD - LOOK ALIKE

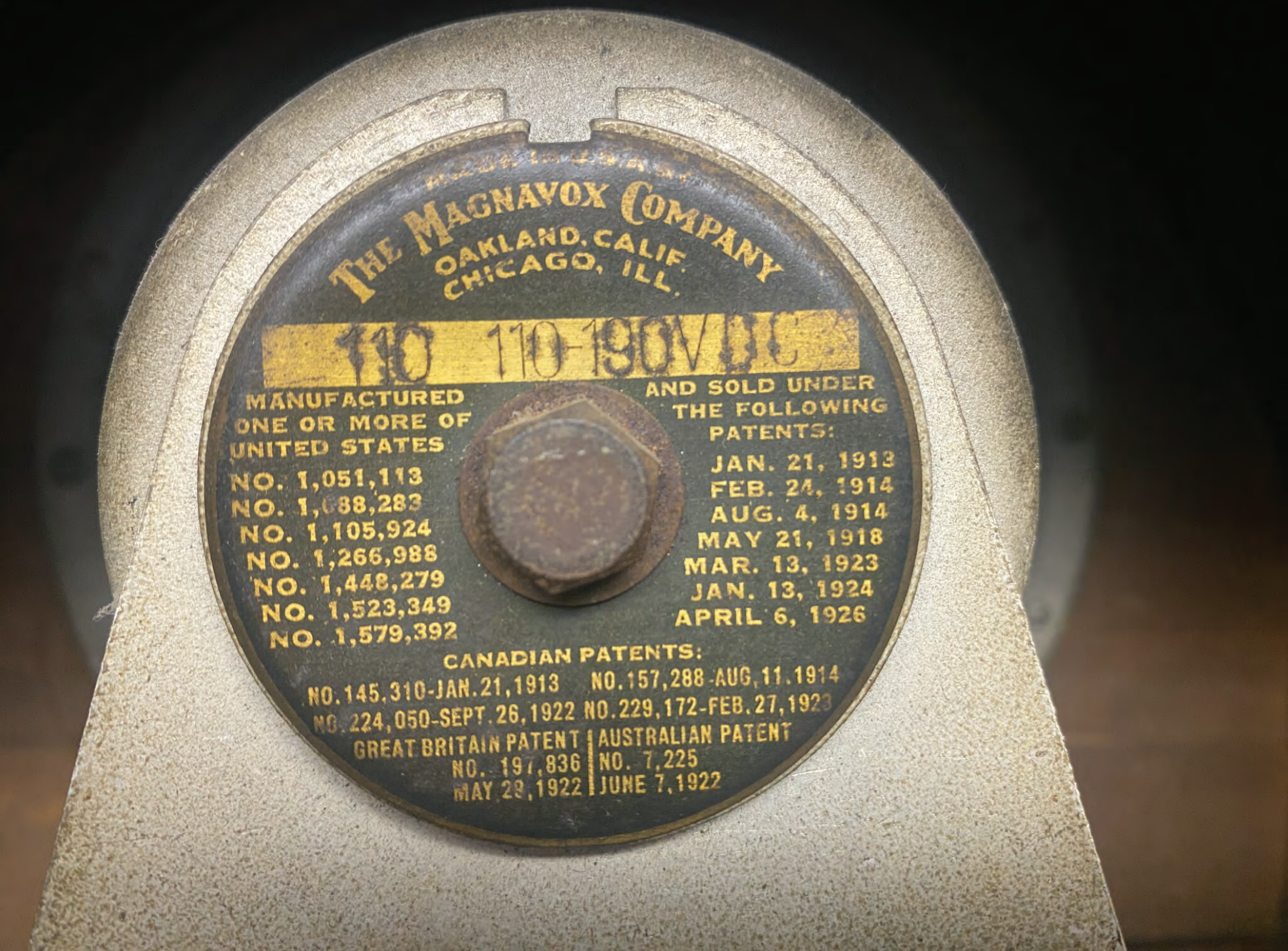
REBUILT SPEAKER
REPLACING MISSING PARTS:
GRILLE CLOTH
KNOBS
ESCHECEON?(HAD ONE DID NOT
LOOK ORIGINAL)
TOP OF MOLDING

WRONG KNOBS *

1992 Photo

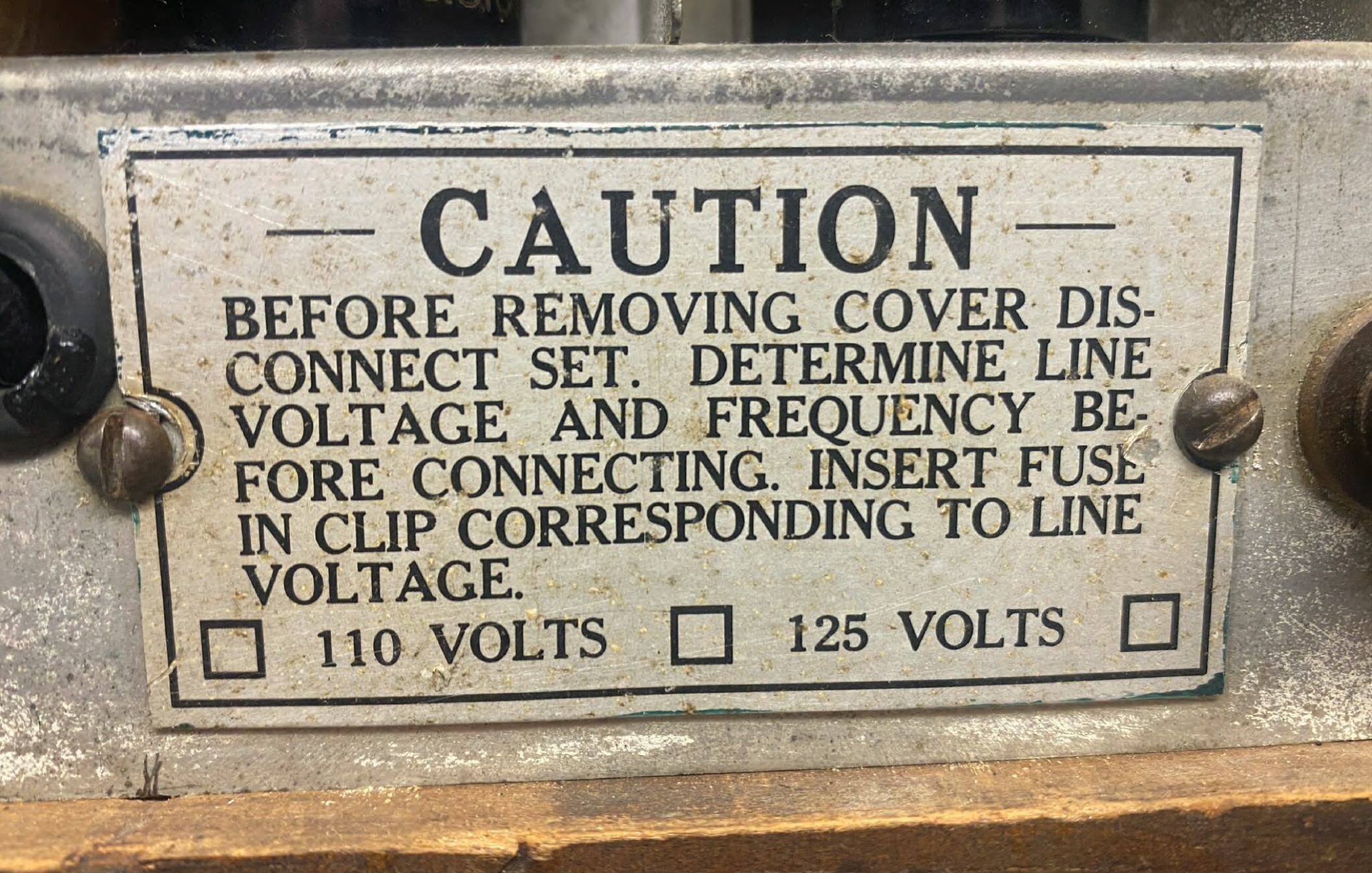
Same Radio
Photo's from Jerry McKinney
2025


THE MAGNAVOX COMPANY
OAKLAND, CALIF.
CHICAGO, ILL.
AND SOLD UNDER
THE FOLLOWING
PATENTS:
JAN. 21, 1913
FEB. 25, 1914
AUG. 4, 1914
MAY 21, 1918
MAR. 13, 1923
JAN. 13, 1924
APRIL 6, 1926
CANADIAN PATENTS:
GREAT BRITAIN PATENT
AUSTRALIAN PATENT
CAUTION
BEFORE REMOVING COVER DISCONNECT SET. DETERMINE LINE VOLTAGE AND FREQUENCY BEFORE CONNECTING. INSERT FUSE IN CLIP CORRESPONDING TO LINE VOLTAGE.
110 VOLTS
125 VOLTS
PHONO
MICRO
SYLVAN


THE MAGNAVOX COMPANY
OAKLAND, CALIF.
CHICAGO, ILL.
110 110-130VAC
MANUFACTURED
ONE OR MORE OF
UNITED STATES
NO. 1,051,113
NO. 1,088,283
NO. 1,105,924
NO. 1,266,988
NO. 1,448,279
NO. 1,523,349
NO. 1,579,392
AND SOLD UNDER
THE FOLLOWING
PATENTS:
JAN. 21, 1913
FEB. 24, 1914
AUG. 4, 1914
MAY 21, 1918
MAR. 13, 1923
JAN. 13, 1924
APRIL 6, 1926
CANADIAN PATENTS:
NO. 145,310-JAN. 21, 1913
NO. 157,288-AUG. 11, 1914
NO. 224,050-SEPT. 26, 1922
NO. 229,172-FEB. 27, 1923
GREAT BRITAIN PATENT
NO. 197,836
MAY 29, 1922
AUSTRALIAN PATENT
NO. 7,225
JUNE 7, 1922


CAUTION
BEFORE REMOVING COVER DISCONNECT SET. DETERMINE LINE VOLTAGE AND FREQUENCY BEFORE CONNECTING. INSERT FUSE IN CLIP CORRESPONDING TO LINE VOLTAGE.
110 VOLTS
125 VOLTS
PHONO MICRO
GRAPH PHONE
CROSLEY
MADE BY KEN-RAD
SYLVANIA
MADE IN U.S.A.


CAUTION
BEFORE REMOVING COVER DISCONNECT SET. DETERMINE LINE VOLTAGE AND FREQUENCY BEFORE CONNECTING. INSERT FUSE IN CLIP CORRESPONDING TO LINE VOLTAGE.
110 VOLTS
125 VOLTS
PHONO MICRO


— CAUTION —
BEFORE REMOVING COVER DISCONNECT SET. DETERMINE LINE VOLTAGE AND FREQUENCY BEFORE CONNECTING. INSERT FUSE IN CLIP CORRESPONDING TO LINE VOLTAGE.
110 VOLTS
125 VOLTS


RADIO CORPORATION of AMERICA
LICENSED
FOR RADIO AMATEUR EXPERIMENTAL AND BROADCAST RECEPTION
PATENTS
WHEN
INSIST
GENUINE

LICENSED BY

RADIO CORPORATION of AMERICA

"FOR RADIO AMATEUR EXPERIMENTAL AND BROADCAST RECEPTION"

PATENTS

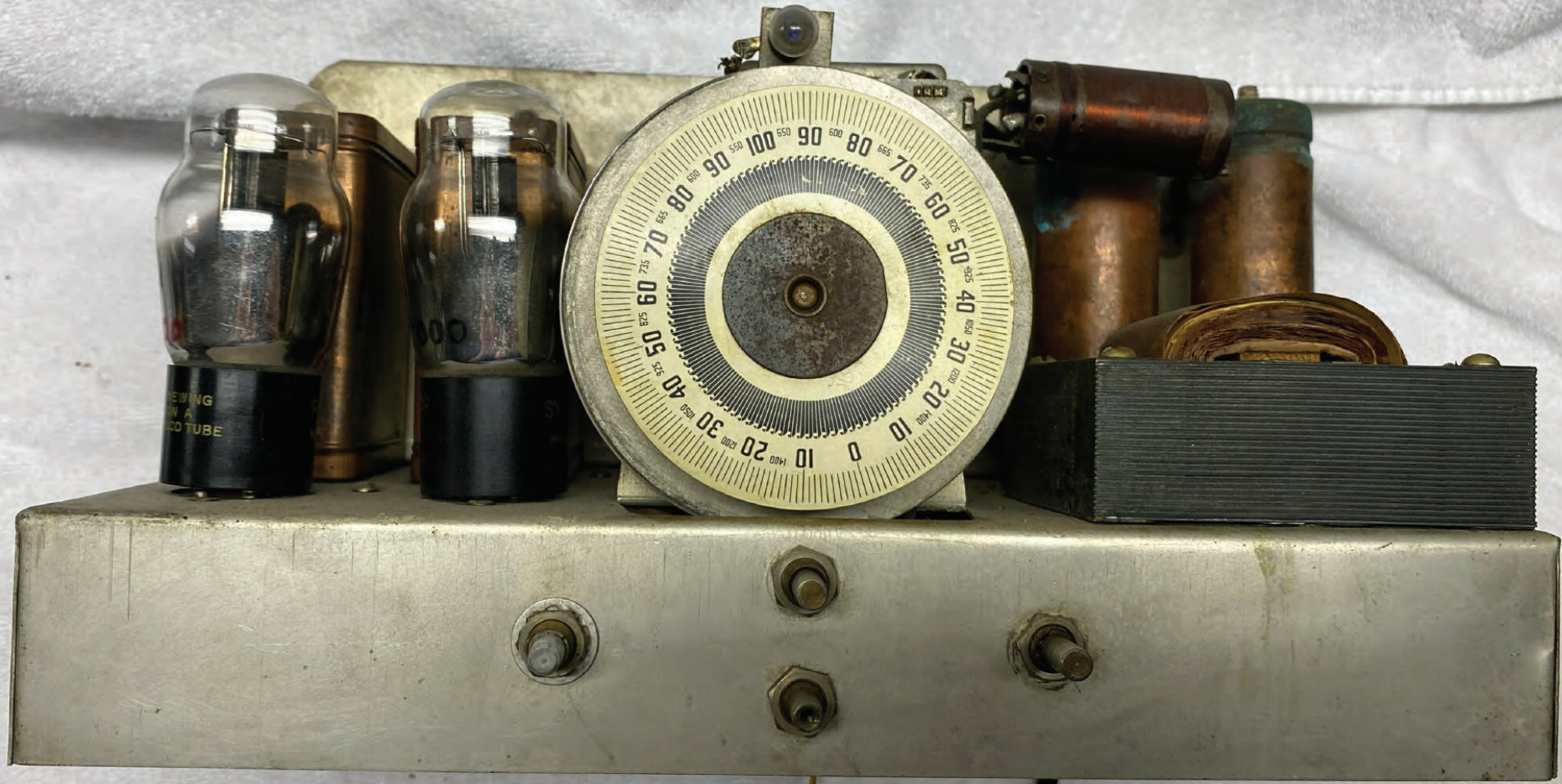
1,201,272	1,313,094	1,398,665	1,465,332	1,403,932
1,128,292	1,631,646	1,231,764	1,329,283	1,426,754
1,129,942	1,173,079	1,251,377	1,334,118	1,432,022
1,365,696	1,183,875	1,273,627	1,349,252	1,459,412
1,158,123	1,195,632	1,282,439	1,377,405	1,618,017
				1,622,170

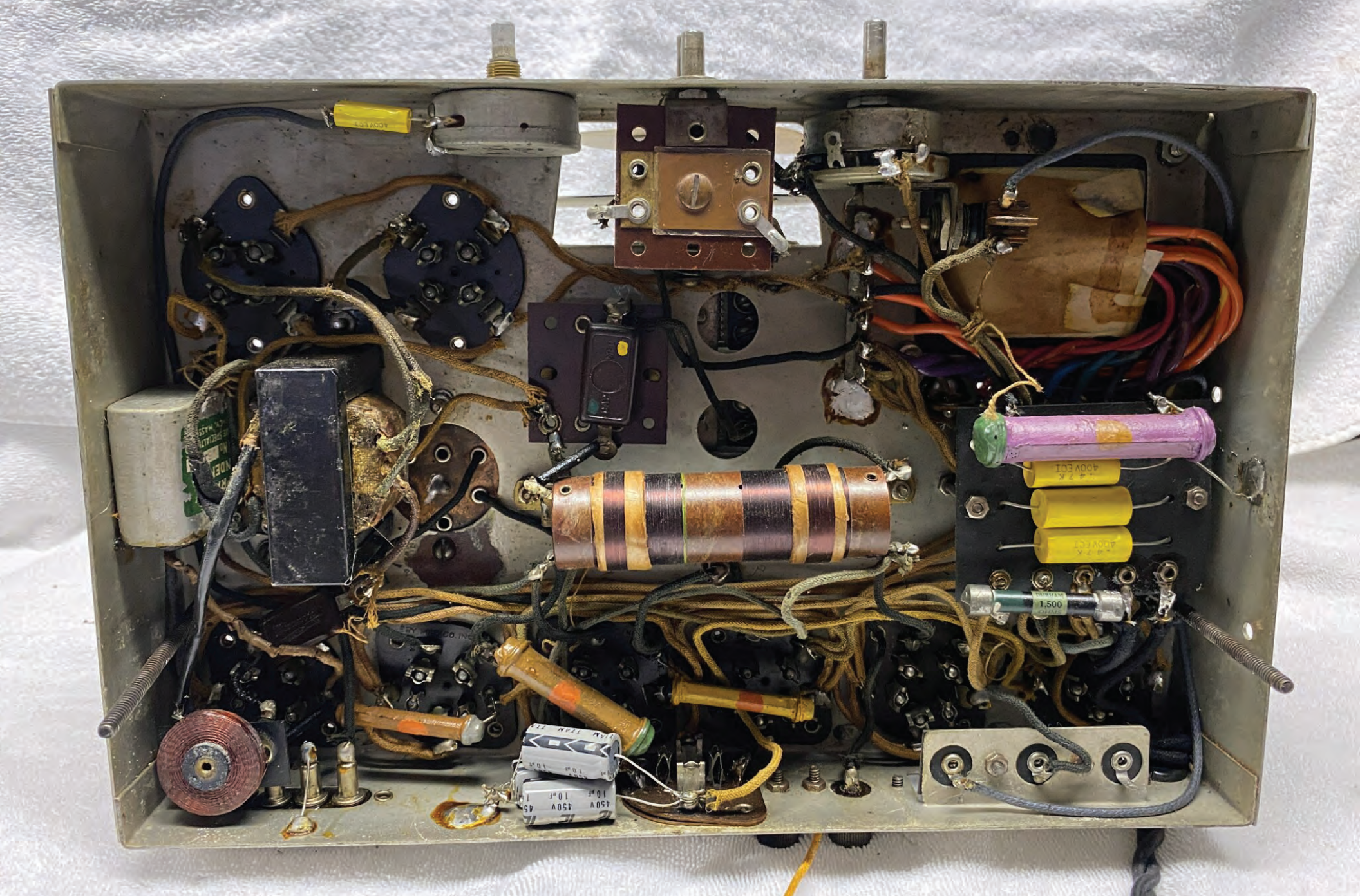
ALSO HAZELTINE AND LATOUR PATENTS

1,450,080	1,533,858	1,405,523	RE 16,461
1,489,228	1,648,608	1,614,136	AND PAT'S PEND

Mfd. by GILFILLAN BROS., INC.

261151


0 10 20 30 40 50 60 70 80 90 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100


4.7K
400V ECI
4.7K
400V ECI
4.7K
400V ECI
1,500
10
450V
10
450V

MY CABINET

December 1930, "Radio" Magazine Center Spread

AUSTRALIA

"Australia Japan·China CAME IN CLEAR AND WITH EASE ON MY FLINT SUPERHETERODYNE

radio set," writes Mr. James E. Hanes of Little Rock, California. He states further, "Besides average distant stations I played the following eight Japanese stations: **JOAK**, Tokyo; **JOFK**, Hiroshima; **JODK**, Keijo; **JOCK**, Nagoya; **JOGK**, Kumamoto; **JOHK**, Sendai; **JOBK**, Osaka and **JOJK**, Kanazawa. Then with equal ease I tuned in **COHB**, Harbin, China; **COMK**, Mukden, China and **4QG**, Brisbane, Australia."

Surely we point with pride to such performance, but the most interesting paragraph of Mr. Hanes' letter follows:

"I am not a radio expert. After a hard day's work on my ranch I turn on my set which is my only entertainment. On my old set I could rarely reach any farther than Denver. Once in a while I could hear Chicago. But now, with my FLINT SUPERHETERODYNE, I have played **WEAF**, New York; all the Japanese stations; the two Chinese stations and Brisbane, Australia. I forgot to mention that I had **KGMB**, Honolulu, Hawaii and they tell me that's a hard one to get."

Mr. Hanes is evidently **not** a radio expert . . . with the FLINT SUPERHETERODYNE you **don't have to be** a radio technician to duplicate this performance.

The FLINT SUPERHETERODYNE is easily tuned. It is designed so that **anyone** can bring in great distance. It is a typical **family** superheterodyne. SUPERB in tone quality, SELECTIVE, to remain within the limit of ten kilocycle separation and broadened out sufficiently so that you don't pass the incoming signal without knowing you were on the station.

The outstanding performance of the FLINT SUPERHETERODYNE is creating a constantly growing demand . . . the stability of the FLINT SUPERHETERODYNE is acknowledged by all users.

Every refinement of the highest priced radio . . . tone control . . . local and distance switch . . . vernier dial . . . phonograph connection . . . microphone connection . . . dynamic speaker and 45's in push-pull.

Completely Equipped WITH Eight Matched Tubes

R.C.A. RADIOTRONS OR CUNNINGHAMS

TONE that EXCELS

$79.50 LIST PRICE

FLINT RADIO

2425·WEST·WASHINGTON·BLVD.

JAPAN·CHINA

"Stability MEANS" UNIFORMITY

We quote the service manager of one of our customers, whom we are supplying with two hundred chassis and speakers weekly, in the following: "If it were not contrary to the policy of my firm, I believe that we could dispense with the rechecking and testing of your SUPERS. I am astounded at such uniformity."

This UNIFORMITY we accomplish by the most rigid of inspection methods. Every part is checked and double checked, tested and re-tested and only if it comes up to our required engineering standards is it incorporated into the superheterodyne.

Only experienced radio technicians are employed in the assembling of the FLINT SUPERHETERODYNE. Their ability is reflected in the high class workmanship found in the chassis.

Crystal controlled oscillators are used in checking the accuracy of frequencies . . . assuring **peak** uniformity. Before the completed chassis leaves the test booth for the final O.K. it has undergone the same close scrutiny that is ordinarily only devoted to custom-built apparatus.

WE·INVITE·SAMPLE·ORDERS

and solicit your further business strictly on the merits of our product.

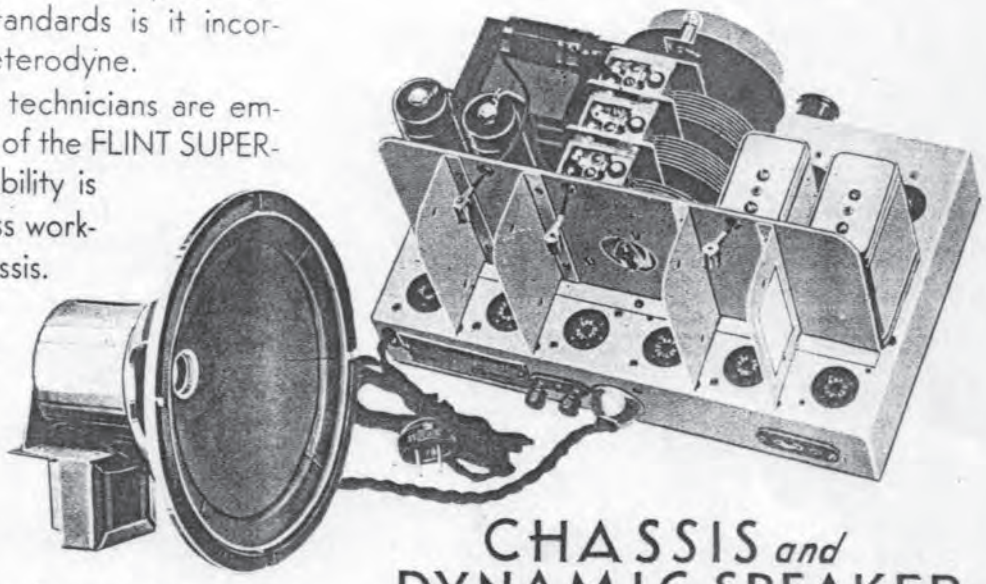
. . . . . .

The FLINT SUPERHETERODYNE is Licensed by the Radio Corporation of America; designed by engineers of reputation and manufactured in a modern sun-lit radio factory that is equipped with the latest precision apparatus.

▼ ▼ ▼

COMPARE the performance of the FLINT and note in particular the ease of operation, stability, uniformity and above all the surpassing beauty of the

TONE



CHASSIS *and* DYNAMIC SPEAKER

▼ ONLY ▼

TONE *that* **EXCELS** $60 LIST PRICE ▼ LESS TUBES

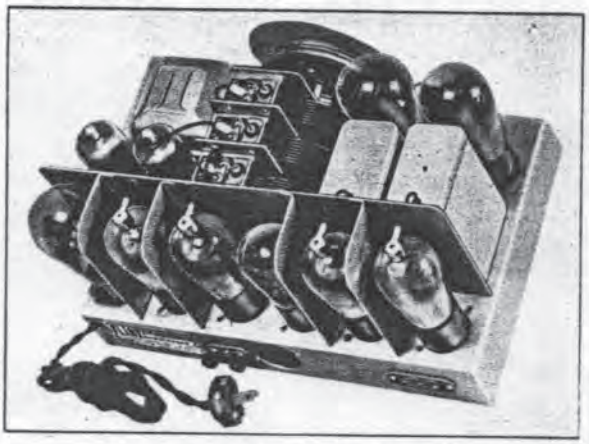
CORPORATION

LOS·ANGELES·CALIFORNIA

THE NEW FLINT SUPERHETERODYNE

WHAT NEXT?

By DR. RALPH L. POWER



The Compact Little Receiver from Above

THE radio old-timer was meditating the other day and, reminiscencing, looked backward and forward during his little talk. "What next," was both the beginning and end of his narrative. He brought the radio industry up

Raymond A. Stoehle, Chief Engineer for Flint Radio Corporation

through the jalopi age to the present time. Listen to some of his cogitations.

"Now that we ask 'what's next,' the answer seems to loom up almost right away, for I see by the announcements that a Los Angeles firm is getting out a superheterodyne in a midget cabinet all complete, even including tubes, for the list price of $79.50.

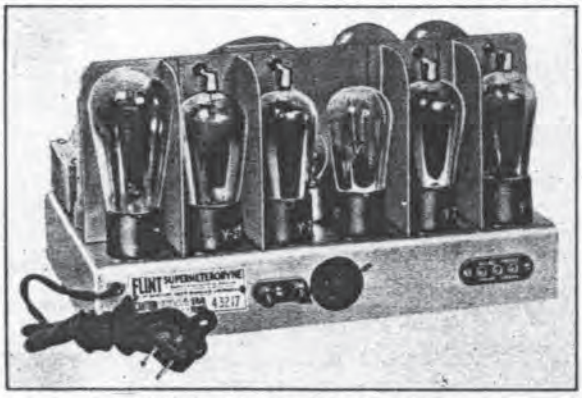
"That looks like quite a good sized order. It is. Perhaps nothing lately has caused such a gasp of astonishment in trade circles, as well as with the radio buying public, as this new line.

"Today Lowell Kinsley is a supervisor at the M-G-M studios. It is nearly five years ago that he first broached the idea that a crystal set could be operated without batteries and yet providing loud speaker volume. Even in the wildest of dreams and the most vivid imagination he could never believe that he would be credited with being responsible for the radio industry which has sprung up and continues to flourish in Los Angeles.

"The first individual to recognize the possibility of Kinsley's development was Fritz Falck, of the Advance Electric Company, and to him should be credited the first organized manufacturer to grasp the possibility of the idea.

"His Chief Engineer at that time was Raymond A. Stoehle.

"Stoehle's refinements proved especially worthy of Falck's merchandising ability and the result was an extensive demand for Falck's products.



Flint Superheterodyne, Rear View

"What would Stoehle have said if this old-timer had approached him and predicted that 5,000 radio sets would be produced daily in the Los Angeles manufacturing center, and that some day Los Angeles would startle the radio industry with an eight tube superheterodyne receiver built to retail complete, tubes and all, for only $79.50?

"Before me is another midget radio. When I say another, perhaps I ought to say that in outward appearance it looks like the usual midget line.

"But here I am playing all around the country with it now, as I did last night and the night before, with never changing results.

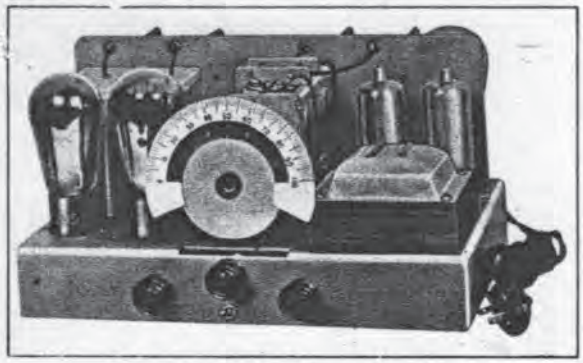
"Here is the tone of the expensive set and the sharpness of dialing of the costly product. It is now seven o'clock at night and, with one sweep, I 'pull' them in everywhere.

"KFI, in Los Angeles; then KFSD at San Diego; KFRC, San Francisco; KOIN, Portland. KFXM, San Bernardino, reports that practically nobody in Los Angeles gets them on account of KGFJ. Yet this little midget super brings in the valley station like nobody's business."

"And so on up and down the dial . . . Chicago, Denver, Shreveport, Cincinnati . . . almost no end to this geographical skipping around the radio map.

"Of course I am not at all amazed because I am operating a superheterodyne. But what literally takes my wind away is that I am doing all this with one that retails for a paltry $79.50.

"Why, the features of the most expensive of sets have not been



Front View of Flint Superheterodyne

omitted . . . tone control, local and distance switch and vernier dial.

"Now I have to admit that all cabinets more or less look alike. So let's turn the set around. Ordinarily one would expect to visualize the working unit of such a low priced receiver as a messy conglomeration of wires and a tube here and there, some cheaply made transformer and the kind of chassis that would look best well covered up.

"But here before me I see a product that looks as though it had never known or even heard of the original jalopi . . . a set that is in every sense a completely manufactured product with every earmark of substance and reliability.

"The chassis design shows the workmanship of mechanical engineering and the layout is in line with every accepted method of simplicity necessary to inspire public acceptance.

"At first glance one sees exposed four screen grid tubes, one 27 and one 80 stand in line soldier fashion. In the rear of the partition one sees two 45's which indicates that this superheterodyne operates in push pull.

"There doesn't seem to be a feature omitted. I notice the phonograph jack and the connection for a microphone. As a whole the chassis is so complete that my wandering thoughts bring me back to a natural exclamation—'what's next?'

"Now let's turn the chassis upside down. How well I remember Kinsley's bread-board contrivance. How well do I recall the various units that had been turned out in the community and how I now shudder in picturing the conglomeration of wires that went hither and thither with apparently no beginning and no end.

"But here I see laced wires—uniform and straight—which practically enables one to see the follow-up of a diagram all cleanly laid out.

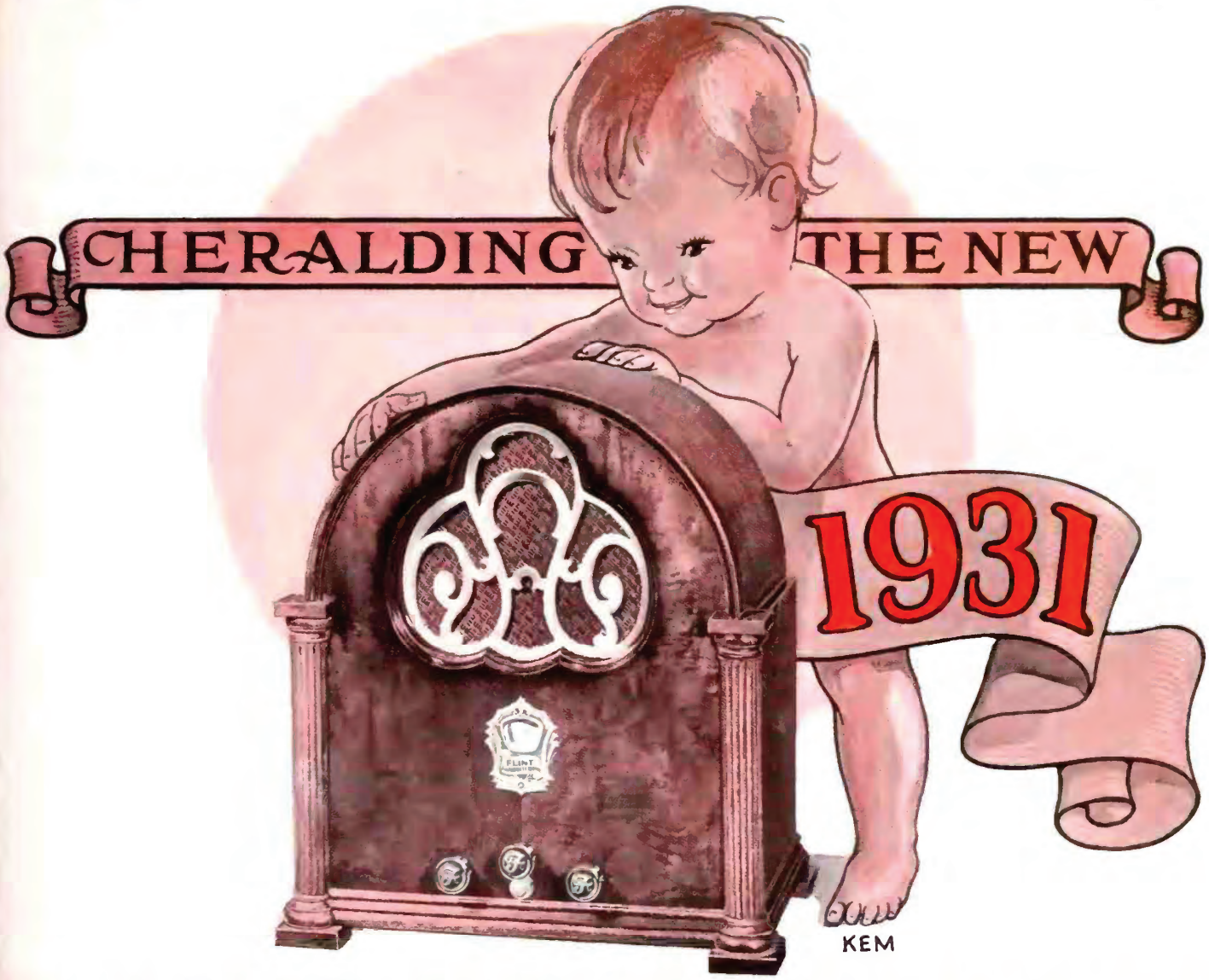
"The expression of my pleasure in seeing this workmanship product is not with the idea of individualizing any one in particular. But, still, the credit always goes to the one who does things first and to my knowledge this Flint superheterodyne is the first. It is blazing the way for others to do better, if such a thing is possible. Following no beaten paths, but blazing trails of their own, Flint has done a pioneer work.

"I should end right here, and would have done so were it not for a peculiar incident . . . that of reading this story to a merchandizing executive of one of the local firms.

"I asked him quite innocently what sort of sales argument a manufacturer's salesman would have to use in presenting this radio receiving set to the trade.

"He said that an eight-tube superheterodyne brings forth a new word in salesmanship . . .'gimme.'

"What's next?"



FLINT SUPERHETERODYNE

LICENSED BY R. C. A.

Completely Equipped with Eight Matched Tubes

R. C. A. RADIOTRONS OR CUNNINGHAMS

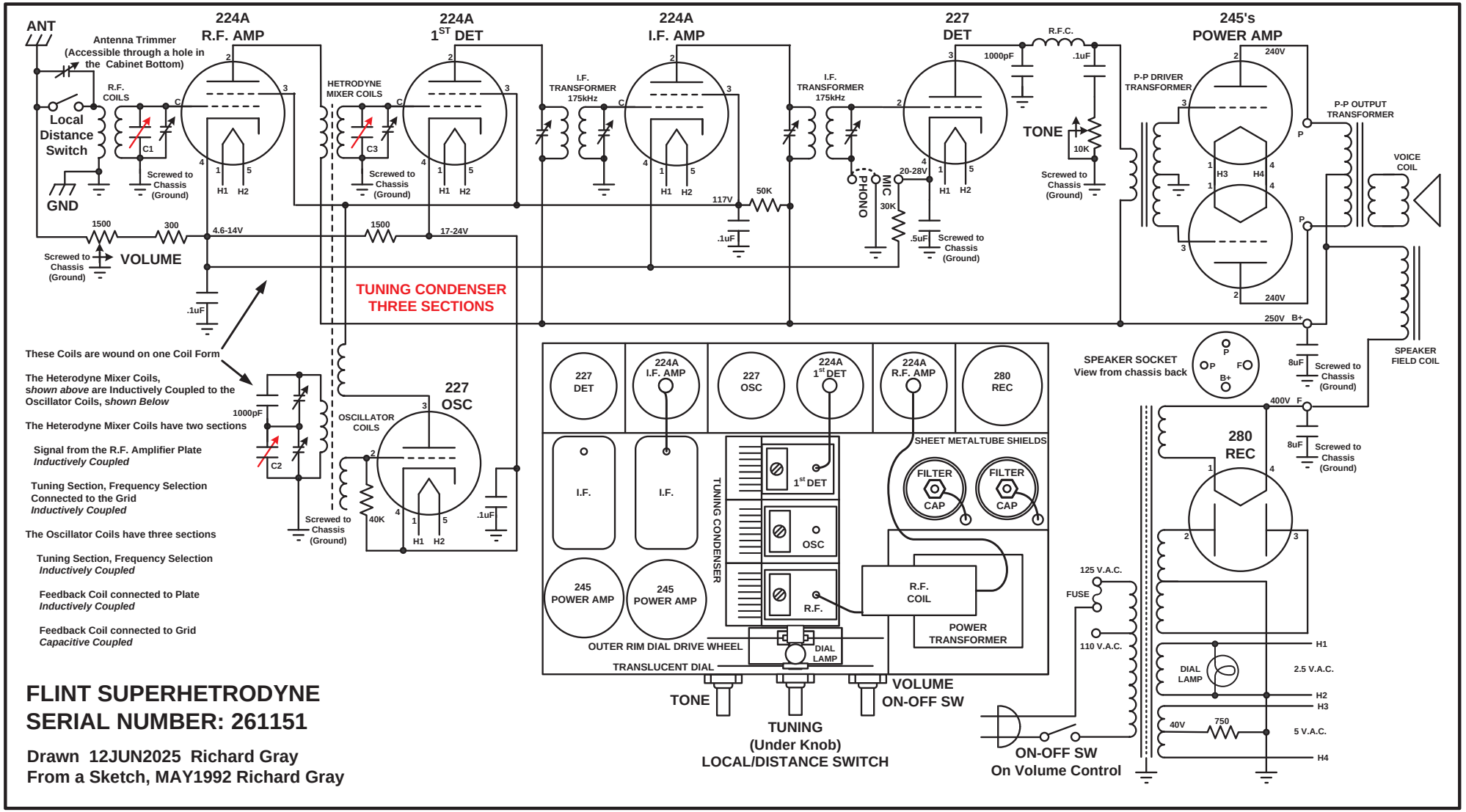
PLUS every refinement of the highest priced radio . . . tone control . . . local and distance switch . . . Vernier dial . . . phonograph connection . . . microphone connection . . . dynamic speaker and 45's in push-pull.

$79.50 LIST PRICE

MANUFACTURED BY

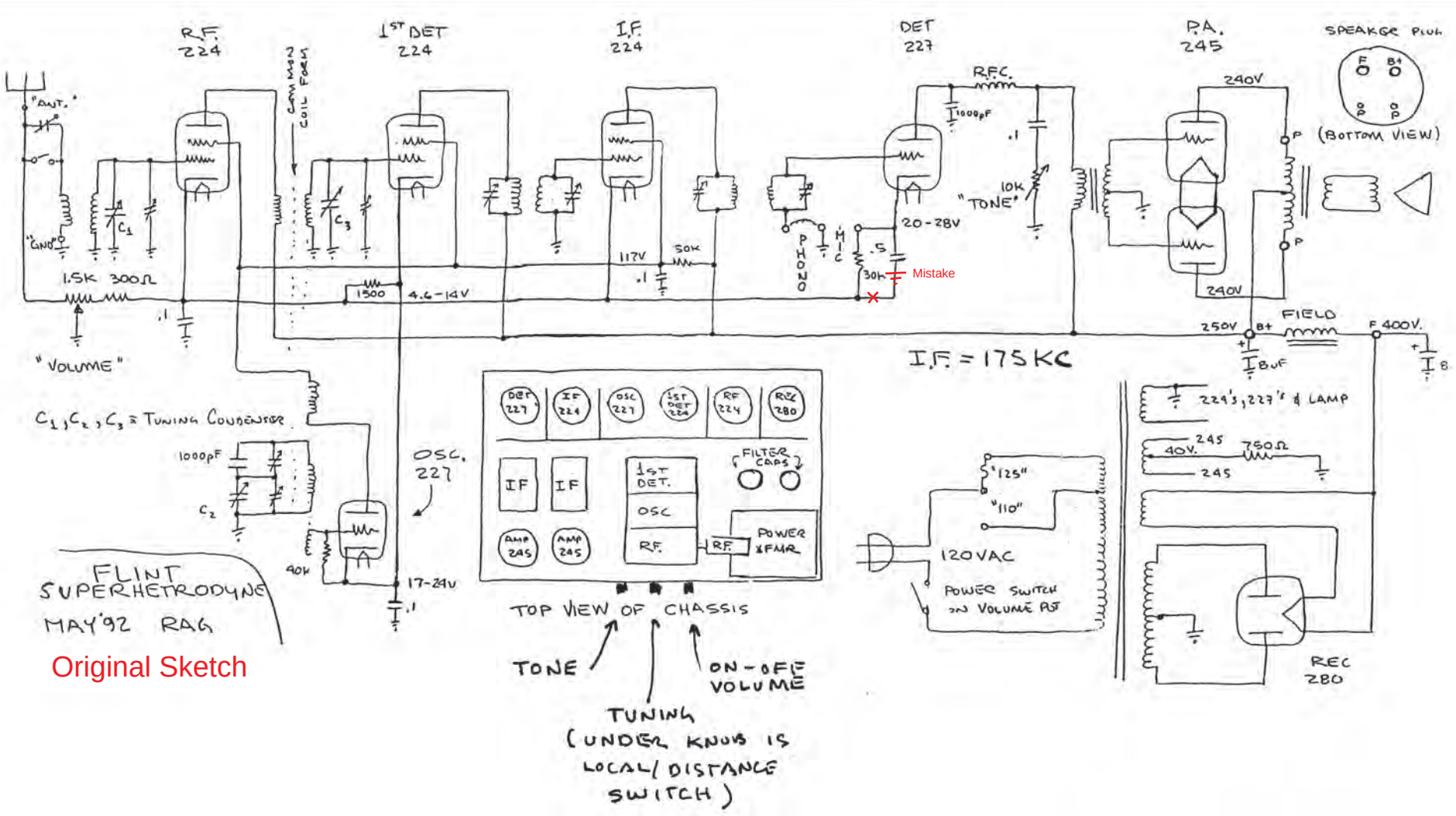
FLINT RADIO CORPORATION

2425 West Washington Boulevard Los Angeles, California



FLINT SUPERHETRODYNE
SERIAL NUMBER: 261151

Drawn 12JUN2025 Richard Gray
From a Sketch, MAY1992 Richard Gray


R.F. 224
1ST DET 224
I.F. 224
DET 227
P.A. 245
SPEAKER PLUG
(BOTTOM VIEW)
"ANT."
"GND"
COMMON COIL FOOT
1.5K 300Ω
"VOLUME"
1500
4.6-14V
117V
50K
.1
R.F.C.
1000pF
.1
10K "TONE"
20-28V
PHONO
MIC
.5
30K
Mistake
240V
240V
250V
B+
FIELD
F 400V.
8UF
I.F. = 175KC
C1, C2, C3 = TUNING CONDENSER
1000pF
C2
90K
OSC. 227
17-24V
.1
DET 227
IF 224
OSC 227
1ST DET 224
RF 224
REC 280
IF
IF
1ST DET.
OSC
R.F.
RF
POWER XFMR
FILTER CAPS
AMP 245
AMP 245
TOP VIEW OF CHASSIS
TONE
ON-OFF VOLUME
TUNING (UNDER KNOB IS LOCAL/DISTANCE SWITCH)
"125"
"110"
120VAC
POWER SWITCH ON VOLUME POT
229's, 227's & LAMP
40V.
245
750Ω
245
REC 280
FLINT SUPERHETRODYNE
MAY '92 RAG
Original Sketch