# Radio News and Programs

afternoon feature, makes its Mon-day debut tonight at 6:30 over station WLS. On the first program of the new series Irving Berlin, Rudy Vallee, Sonja Henie, Mary

Healy, and Tyron Power will ap-pear in a half-hour preview of the motion picture, "Second Fiddle." From London, Buenos Aires, Hol-

lywood, and New York, orchestras

of Jack Harris, Oswaldo Fresdo,

Lou Silvers, and Tommy Dorsey

tonight and Tuesdaytime fol-low, classified:

6 p. m. — Tune-Up Time (WBBM):"The Rhapsody in Blue."
. . . Al Pearce (WIBA, WMAQ):

8:30 p. m. — Eddie Canter (WBBM): finale with Cobina

8 p. m. - Contented Hour

(WIBA, WMAQ): a salute to the

8:30 p. m.-Pageant of Melody

7:30 p. m. - Radio Forum (WIBA, WENR): Sen. Carl Hatch (D., N. M.), on the provisions of a

bill designed to prevent federal

employes from participating in congress (WMAQ): "Reconstruction in Chicago."

Radio Theater (WBBM): Janet

Gaynor and George Brent in "Mrs.

6 p. m.—Order of Adventurers (WCFL): Admiral Richard E.

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10:30 s. m.—National Farm and

and Mrs. L. F. Hubbard, Evans-ville, and M. J. LaRock of the Uni-

ern methods for house remodel-

12:30 p. m. — Government Reports (WIND): Secretary of Interior Harold Ickes is interviewed. Short Wave Tuesday

meg., 31.1 m.
meg., 31.1 m.
Tokyo — 11:45 p. m. — "A Report from Fatherland" by an American of Japanese parentage. JZK, 15.16 meg., 19.7 m.

1:00-Melody Moments
1:30-NBC Rhythm & Song
1:48-Adele Genschaw
2:00-NBC Backstage Wife
2:15-NBC Stella Dullas
2:300-NBC Club Matince
3:00-NBC Rhythm and Rom
3:30-Matince Dance

3:00—NBC Rhythm and Romance 3:00—Malinec Dance 4:00—NBC Eugene Conley 4:15—Musical Workshop 4:15—Musical Workshop 4:45—Organ Melodies 5:00—NBC Bolognini Orchestra 5:15—Music by Cugat 5:15—Utilities Engineering 5:45—Utilities Engineering 5:40—NBC Bolognini Orchestra

3:45—Utilities Engineering
3:30—Sports-cast
8:30—Echoes of Switzerland
6:30—Cchoes of Switzerland
6:30—Cchoes of Switzerland
6:30—Cchoes of Switzerland
6:30—Cchoes of Switzerland
6:30—NBC Melody and Madness
7:30—NBC Fibber McGee & Molly
8:00—NBC Mr. District Attorney
8:30—Gems of Melody
8:45—Club Chanticleer
9:00—Night News Edition
9:10—The Inside of Sports
9:30—NBC Johnny Presents
10:30—NBC Johnny Presents
10:30—NBC Harry Owens
11:30—NBC Harry Owens
11:30—NBC Gene Krupa

BOY ACQUITED OF MURDER

London boy committed for trial at

the Old Bailey on a charge of

murder was acquitted. Although

he confessed to strangling a 4-

year-old girl, his counsel success-

fully argued there had been no

evidence to rebut the presumption

that a boy under 14 was incapable

of sufficient evil intent to commit

LONDON-(U.P.)-A 13-year-old

2 2

Dramatic -

Miscellaneous

for the future of the air.

Tuesdaytime

(WGN): Hans Muenzer, violinist, and Attillio Baggiore, tenor, head-

Golden Gate exposition.

Discussion

vacation, right or wrong.

Wright, Jr., socialite singer.

Other outstanding programs for

will be heard.

Variety

Musical

# Magic Key Inaugurates Monday Series With 'Second Fiddle' Preview



him throughout the past season on the Kate Smith Hour-occupies Jack Benny's niche on the NBC Sunday airwayes with "Aldrich Family" while the Waukegan comic is on vacation starting July 2. Al-though only twenty years old, Ezra is a noted Broadway star.

#### Frequencies

KMOX	1090 WIND
KOTL	1260 WISN
KSTP	1450 WJJD
WBBM	770 WLS
WCCO	810 WMAQ
WCFL	978 WLW
	870 WMT
	720 WOC
	940 WSB
	820 WSM
WHO	1000 WTAM1
WIEA	1306 WTMJ
These pro	grams are subject to cha

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## WIBA Tonight

- 5:09—NBC Bolognint Orchestra 5:15—Interlude 5 15—Interlude
  8:30—News Edition
  5:43—Birthday Club
  5:50—Sports-cast
  6:00—NSC Al Pearce & Gang
  6:00—Dinner Melodies
  7:500—Oneert Hall
  7:30—NBC The Radio Forum
  8:500—NBC Contented Bour
  8:30—NBC Fed. of Fress Women
  9:30—NBC Fed. of Fress Women
  9:30—Suburban Sports Parade
  9:30—Suburban Sports Parade
  9:30—Smoke Rings
  9:45—Concert Interlude
  10:13—NBC Tommy Dorsey Orchestra
  10:30—NBC Savoy Ballroom Orch.
  11:50—NBC Cemmodore Hotel Orch.
  11:50—NBC Cemmodore Hotel Orch.

# WHA Tonight

- 5:00—Moods and Melodies. 5:30—Story Time. 5:45—Song Favorites. 6:00—Organ Reverie. 6:30—Congressional Forum
- 6:30-Congressional Forum: Representative Frank B. Keefe. Short Wave Tonight

# London--5:25 p. m.--"Airs and Disgraces." GSO, 15:18 meg., 18:7 m.; GSD, 11:75 meg., 25:5 m.; GSB, 9:51 meg., 31:5

M. Budapest—8:00 p. m.—"Folklore Songs."
HAT4. 9.12 meg., 32.3 m.
Rome—8:30 p. m.—Program Organized
by Federation of Business and Professional Women: Folk Songs: Lombardy and
Naples: 2RO's "Mail Bag." 2RO, 11.81
meg., 25.4 m., IRF, 9.83 meg., 30.5 m.
Paris—7:30 p. m.—Two Aspects of Racine: Ractine and the Demons and Racineand Hope in God. TPB7, 11.88 meg., 25.2 m.
Caracas—7:39 p. m.—The Theater of the
Air. YVSRC, 5.9 meg., 31.7 m.
New Yerk—8:00 p. m.—Guy Lombardo
and His Orchestra. W2XE, 11.83 meg.;
25.3 m.

Boston—3:00 p. m.—The Listeners' Post
Box. WIXAL. 11.79 meg. 25.4 m.;
WIXAR, 15.13 meg., 19.8 m. 25.4 m.;
WIXAR, 15.13 meg., 19.8 m.
Pitteburgh—4:15 p. m.—Manuel Contrares Orchestra. WSXK, 11.87 meg.,
25.2 m.
New York—4:45 p. m.—"Human Interest Editorials," by Ted Rogers. W2XJI,
25.3 meg., 11.4 m.
London—5:45 p. m.—Silly Symphonies.
Belections from the well-known Watle Disney cartoons. GSO, 15.18 meg., 19.7 m.;
GSD, 11.75 meg., 25.5 m.; GSB, 9.51 meg.,
31.5 m. and His Orenestra, W2XE, 11.83 meg.:
25.3 m.

Berlin—8:15 p. m.—A Musical Trip
Around the Mediterranean. DJD, 11.77
meg., 25.4 m.

Londen—8:46 p. m.—'My Grandfather,
the Emperor," play by Toon Rammelt.
GSD, 11.75 meg., 25.5 m.; GSC, 9.58 meg.,
31.3 m.; GSB, 9.51 meg., 31.5 m.

Guatemaia City—9:00 p. m.—First Milltary Band, Garrison of Guatemaia.
TGWA, 8.68 meg., 31.1 m.

Cincinnail—9:00 p. m.—Musica Classica.
WEXAL, 8.68 meg., 49.5 m.

Pittsburgh—9:15 p. m.—Music You
Want, WANK, 11.87 me., 25.2 m.

Tokyo—11:45 p. m.—A Talk in English.
JZK, 15.16 meg., 19.7 m.

## Other Stations Tonight

5:00—Buck Rogers—WGN
5:00—Orphans of Divorce—WENR
5:00—Orphans of Divorce—WENR
5:00—Ennio Bolognini Orch.—WMAQ
5:13—Lum & Abner—WBBM WJR
5:30—Flying Reporter—WGN
5:45—Flying Reporter—WGN
5:45—Steiner en the March—WLN
5:50—Howard Vincent O'Brien—WMAQ
6:00—Baseball Re-Creation—WIND
6:00—Al Pearce—WMAQ WLW WTMJ
6:00—Tune-Up Time—WBBM WCCO
6:00—Name Three—WGN
6:30—Maric Key—WLS WMT KSO
6:30—Maric Key—WLS WMT KSO
6:30—Maric Speaks—WMAQ WTMJ

6:00—AI FEBRUS WARRY WARR
6:00—Name Three—WBM WCCO
6:00—Name Three—WBM MCCO
6:00—Name Three—WBM MCCO
6:00—Name Three—WBM MCCO
6:00—Margaret Speaks—WMAQ WTMJ
6:00—The Lone Ranger—WBM MCCO
6:00—Minstrels—WBMM Tion—Vincent Lopez Orch.—WMAQ
7:00—The Green Hornet—WGN
7:00—The Green Hornet—WGN
7:00—The Green Hornet—WGN
7:00—Badle Thealer—WBMM WCCO
7:00—Hymns of All Churches—WIND
7:13—Betty and Bob—WIND
7:13—Feddy Martin Orch.—WGN
8:00—Contented Hr.—WMAQ WTMJ
8:00—True or False—WENR WLW
8:00—Guy Lombardo Orch.—WGN
8:13—Jeck Teagarden Orch.—WGN
8:13—Jeck Teagarden Orch.—WMAQ
8:00—Fred Waring—WMAQ WLW
8:00—Fred Waring—WMAQ WLW
8:00—Fred Waring—WMAQ WLW
8:00—Fred Waring—WCCO KMOX
8:15—Freddy Martin Orch.—WGN
8:15—Easy Acces—WTMJ
9:00—Milt Herth Trio—WENR
9:00—Bol Courtney Orch.—WBMM
9:00—Wayne King Orch.—WBNR
9:00—Del Courtney Orch.—WBNR
9:00—Del Courtney Orch.—WBNR
9:00—Del Courtney Orch.—WBNR
9:00—Gus Arnheim Orch.—WBNR
10:00—Mayne King Orch.—WBNR
10:00—Tommy Dorsey Orch.—WBNR
10:00—Tommy Dorsey Orch.—WBNR
10:00—Orrie Nescher Orch.—WBNR
10:00—Gene Bescher Orch.—WBNR
11:00—Orrie Nescher Orch.—WBNR
11:00—Orrie Nescher Orch.—WBNR
11:00—Grib Herth Trio—WENR
11:00

# WIBA Tuesday

A. M.
7-90—Farm Front
7:95—Musical Clock
7:30—Musical Clock
7:30—Musical Clock
8:50—Society Reporter
9:00—NBC Mary Marlin
9:15—NBC Viennese Ensemble
9:00—NBC The Song Writer
10:15—Your Family and Mine
10:30—NBC Farm and Home He
11:90—Linda's First Love
11:35—NBC Words and Music
P. M.
12:96—Dane County Hour
12:15—Mid-day Melodes
12:30—Nocn News Edition
12:50—Market Reports

## News Broadcasts

MONDAY NIGHT		
5:15-WJJD WGN 9:15-WBBM	WMA	
5:30-WIBA WMAQ:10:00-WLW		
5:40-WTMJ 10:30-WIND		
5:00WLB 10:45WCFL		
7:30-WGN WCFL 12:00-WBBM		
8:45-WIND 12:25WLW		
9:00-WIBA WENR		

TUESDAY

A. M.
5:15-WJJD
6:00-WLS WBBM
8:16-WJJD WLW
7:00-WJJD WGN
7:15-WLS WLW
7:30-WIBA
7:40-WMAQ
8:36-WIND
9:00-WJJD
9:30-WIND
9:55-WLS 5:15—WJJD
6:00—WLS WBBM
7:00—WJJD WGN
7:15—WLS WLW
7:30—WBA
7:40—WMAQ
8:36—WIBA
7:40—WMAQ
8:36—WIBA
9:30—WIND
9:30—WIND
9:55—WLS
10:15—WIND
10:30—WGN WLW
11:00—WIND WJJD
11:37—WLS
11:45—WMAQ WIND
2:25—WLW

## Sports Reviews

MONDAY NIGHT
5:00—WLW WBBM 7:37—WGN
5:45—WTMJ WCFL 8:15—WCFL
5:50—WBA 9:15—WLBA
6:15—WLS 10:30—WTM

TUESDAY
. 4:45—WENR
. 5:00—WBBM WLW
. 5:30—WGN
. 5:48—WTMJ WCFL P. M.

1:18—WIND

1:30—WBBM

1:40—WJBM

1:45—WGN WIND

2:15—WIND

3:15—WIND

3:15—WIND

3:15—WIND 

## 6:36 p. m. — Margaret Speaks (WIBA, WMAQ): Fritz Kreisler's "The Whole World Knows." Markets

TUESDAY

7:30—WLW
9:45—WLS WIND 12:30—WLS
10:35—WLS
11:30—WLS WIND
11:45—WIND

TUESDAY
12:50—WLW
12:50—WLW
12:50—WLS
12:50—WLS
12:50—WIBA

#### Other Stations Tuesday

Other Stations Tuesday

A. M.

5:00—Smills a While—WLS

5:30—Family Bibls League—WJJD

5:30—Dawn Salute—WBBM

5:45—Good Morning—WGN

6:00—Suburban Hour—WMAQ

6:00—Top o' the Morning—WTMJ

6:30—Musicai Clock—WBBM

7:00—Your Neighbor—WMAQ

7:00—Morning Devotions—WLS

7:30—Ritty Keene, Inc,—WBBM

7:45—Grape Singer—WLW WLS

7:30—Ritty Keene, Inc,—WBBM

7:45—Grape of Alice Blair—WLS

8:00—Career of Alice Blair—WLS

8:00—Central City—WMAQ WLW

8:00—Petty Kitty Kelly—WBBM WCCO

8:30—Just Plain Bill—WMAQ

8:15—Jans Arden—WLS

8:15—John's Other Wifs—WMAQ

8:45—Kliltop House—WBBM WCCO

8:45—Stepmother—WBBM WCCO

8:45—Stepmother—WBBM WCCO

8:45—Choir Loft—WGN

8:45—Houseboat Hannah—WLS WLW

8:45—Woman in White—WTMJ WMAQ

9:00—Municipal Court—WIND

9:00—David Harum—WMAQ

9:00—Story of Mary Mariin—WLS

9:00—Keep Fit to Musie—WGN

9:00—Scatergood Baines—WBBM

9:15—Lorenzo Jones—WBBM

9:15—Lorenzo Jones—WMAQ

9:30—Pepper Young's Family—WLS

9:30—The Big Sister—WBBM

9:45—Aunt Jenny's Stories—WBBM

9:45—Rained Dreams—WGN

9:30—The Big Sister—WBBM

9:45—Rained Dreams—WGN

9:45—Rained Dreams—WGN

9:45—House Dat Minsing Persons—WJJD

10:00—Helen Joyce, Martina Crane—WLS

10:09—Henrt' of Julis Blake—WBBM

10:30—Safety Court—WJD

10:00—Helen Trent—WBBM

10:30—Safety Court—WJD

10:00—Helen Joyce, Martina Crane—WBBM

10:30—Romance of Helen Trent—WBBM

10:30—Safety Court—WJD

10:15—Betty and Bob—WTMJ

10:15—Betty and Bob—WTMJ

10:15—The Ool Serve—WBBM

10:30—Romance of Helen Trent—WBBM

10:30 Byrd on the south pole.

8:30 p. m. — Press Women
(WIBA, WMAQ): radio's leaders explain improvements and plans Home Hour (WIBA, WMAQ): Mr. versity of Wisconsin discuss mod-

11:45—This Day is Ours—WBBM
11:45—Dinperbell—WLS
P. M.
12:00—Betty & Bob—WMAQ WLW
12:00—Doc Barclay's Daughters—WBBM
12:15—Citie & Love of Dr. Susan—WBBM
12:15—Grimm's Daughter—WMAQ WLW
12:15—Life & Love of Dr. Susan—WBBM
12:30—Your Family & Mine—WBBM
12:30—Your Family & Mine—WBBM
12:30—Your Family & Mine—WBBM
12:30—Your Family & Mine—WBBM
12:45—Hymns of All Churches—WMAQ
12:45—Hymns of All Churches—WMAQ
12:45—Homemakers Hour—WLS
12:45—Homemakers Hour—WLS
1:45—Homemakers Hour—WLS
1:15—Ma Perkins—WLW WTMJ WLW
1:45—Homemakers' Hour—WLS
1:15—Ma Perkins—WLW WTMJ WMAQ
1:30—Papper Young WMAQ WTMJ WMAQ
1:35—Sox vs, Browns—WJJD WBBM
2:00—Club Mattinee—WENR
2:00—Club Mattinee—WENR
2:00—Gackstage Wife—WTMJ WMAQ
2:45—Midstream—WTMJ WMAQ
2:45—Midstream—WTMJ WMAQ
2:45—Midstream—WTMJ WLW WMAQ
3:00—Hone Forum—WENR
3:00—Kitly Keen—Jinc—WTMJ
3:30—Affairs of Anthony—WENR
4:30—Manhattan Mother—WBBM
4:55—Lowell Thomas—WLW
5:00—Eany Aces—WENR WMT KRO
5:15—Melody Cruise—WBM
5:15—Mr. Keen—WENR WMT KRO
5:15—Melody Cruise—WBM
5:15—Milds of Sports—WGN WLW
5:48—Howard V. O'Brien—WMAQ

ney cartoons. GSO. 15.18 meg., 18.7 m.;
GSD. 11.75 meg., 25.5 m.; GSB, 9.51 meg.,
31.5 m.

Prague—5:55 p. m.—Music and Entertainment. OLR4A, 15.21 meg., 19.7 m.

San Francisce — 6:00 p. m. — Edwin Frankt Goldman Band on Treasure Inland. Woxref, 15.33 meg., 19.5 m.

Schenectady—6:00 p. m.—Studio Party. W2XAD, 9.55 meg., 31.4 m.

Budapeat.—6:00 p. m.—Children's Chair. HAT4, 9.12 meg., 32.8 m.

Budapeat.—6:00 p. m.—News in English. Tuesday Symphonies: "Richard Strauss and his Compositions." 2RO, 11.81 meg., 23.4 m.; IRF, 9.83 meg., 30.5 m.

Berlin—7:30 p. m.—Merry Music by Old Masters. DJD. 11.77 meg., 25.4 m.

Paris—7:30 p. m.—Three Plays in One Act. TPB7, 11.88 meg., 26.2 m.: TPA4, 11.71 meg., 25.8 m.

Eindaven —7:35 p. m.—PHOHI Pregram for South East States of the United States. PCJ. 9.59 meg., 31.2 m.

Heredia, Costa Rica—8:00 p. m.—Broadcast in English. "Voice of Costa Rica." TIANR, 9.69 meg., 30.9

Boston—8:15 p. m.—Symphony Concert. WIXAL, 11.73 meg., 25.6 m.; WIXAR, 15.13 meg., 19.8 m.

Lendon—8:25 p. m.—"Caraboo." the strange story of the Princess of Javasti. GHD, 11.75 nieg., 25.5 m.; GSC, 9.85 meg., 31.3 m.; GSB, 9.51 meg., 31.5 m.

New Yerk—8:05 p. m.—Moonlight Music. W2XE, 11.83 meg., 49.1 m.

Cincinnati—9:00 p. m.—Moonlight Music. W2XE, 11.83 meg., 49.1 m.

Cincinnati—0:00 p. m.—Musica Classica. WaXAL, 6.60 meg., 49.5 m.

Custemala City —10:00 p. m.—Dance Music, Marimba Ensemble. TGWA, 9.56 meg., 31.1 m.

Tokye—11:48 p. m.—"A Report from Fatherland" by an American of Javascapes

5:15—Mr. Keen—WENR WMT KSO
5:15—Quick Silver—WMAQ
5:15—Quick Silver—WMAQ
5:30—Helen Menken—WBBM
5:45—Inside of Sporte—WGN WLW
5:45—Inside of Sporte—WGN WLW
5:45—Inside of Sporte—WMAQ
6:00—Cubs vs. Cardinals—WIND
6:00—Dinnny Presente—WMAQ WTMJ
6:00—Big Town—WBBM
6:15—Glen Gray Orch.—WGN
6:30—For Men Only—WMAQ WTMJ
6:00—Bin formation Please—WLE KSO
6:30—Lightning Jim—WGN
6:30—Information Please—WLE KSO
6:30—Lightning Jim—WGN
6:30—Tiesday Night Party—WBBM
1:00—We, the People—WBBM WCCO
7:00—Battle of the Sexes—WMAQ WTMJ
7:00—Hobert Benchley-WENR WMT KSO
7:00—Battle of the Sexes—WMAQ WTMJ
7:100—Hobert Benchley-WENR WMT KSO
7:30—Fibler McGee WMAQ WTMJ WLW
7:30—Fibler McGee WMAQ WTMJ WLW
7:30—Fibler McGee WMAQ WTMJ WLW
8:00—In Hed the Chance—WENR
8:00—Time to Shine—WENM
8:00—Time to Shine—WENM
8:00—The Northerners—WGN
8:00—Fred Waring Orch—WMAQ WLW
9:00—Fred Waring Orch—WMAQ
9:15—Jimmy Fidler—WBBM WCCO
9:15—Lawrence Welk Orch,—WGN
9:30—Griff Williams Orch,—WGN
9:30—The Mortherners—WBNR
9:30—Mit Herth Trio—WENR
9:30—The Waring Orch,—WBNR
9:30—Griff Williams Orch,—WGN
9:30—Griff Williams Orch,—WBNR
9:30—The Northerners—Welk Orch,—WBNR
9:30—Griff Williams Orch,—WBNR
9:30—Griff Williams Orch,—WGN
9:30—Griff Williams Orch,—WGN
10:00—Henry King Orch,—WGN
10:00—Glane Music (to 12:—WTMJ
10:46—Mit Herth Trio—WENR
10:00—Sammy Kaye Orch,—WGN
10:00—Freddy Martin Orch,—WBM
10:00—Glane Music (to 12:—WTMJ
10:45—Mit Herth Trio—WENR
11:00—Isham Jones Orch,—WBM
11:00—Treddy Martin Orch,—WBM
11:00—Laham Jones Orch,—WBM
11:00—Carlos Molina Orch,—WBM
11:00—Carlos Molina Orch,—WBM

100—The Night Watch (to 3)—WIND 100—Carlos Molins Orch,—WBBM 130—Louis Prima Orch,—WBBM 130—Lenry King Orchestrs—WBBM 130—Count Basie Orch,—WENR 130—Pinky Tomlin Orch,—WMAQ 130—Monn River—WLW

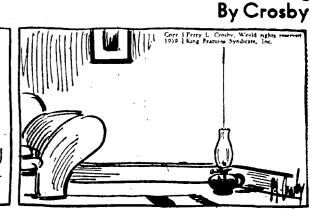
11:30—Kinky John Cook.—Walky 11:30—Moon River—WLW 12:00—The Senators—WGN 12:00—Carlos Molina Orch.—WBBM

WANT AD-BADGER 6000

## SKIPPY /







#### ETTA KETT

While

PREXY and

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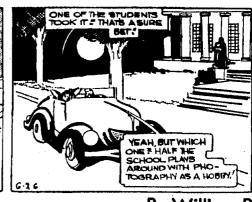
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#### BRICK BRADFORD

I CAN ASSURE YOU, HIGHNESS, THAT WITHIN THE HOUR THE ROBOT WILL BE IN YOUR HANDS! AVIL BLUE AND HIS GANG ARE TOWARD RIVER TO FIND RETRIEVE SUNKEN THE NEBBS





GET A LAUGH OUT OF IT IF S
BODY WAS TICKLING
BOTTOM OF YOUR

# By Sol Hess I'D HAVE TO LAUGH, TOO, IF IT WAS SOMEBODY ELSE'S PAPPY. IF YOU HAD A PAPPY HIS AGE WHO HAD THE LOVE BUG YOU COULDN'T



#### BIG SISTER

JUST KIDS

HENRY







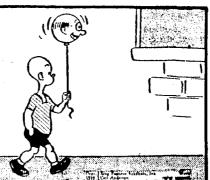


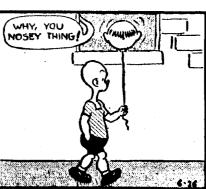




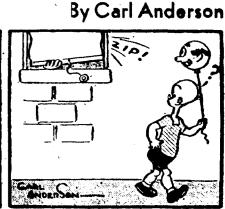


# NOVELTY BALLOONS





watch.



#### RAY'S CORNER + By Uncle Ray

THE INSIDE OF A WATCH In this Age of Wonders, a watch may seem just a common thing. It really is a common thing, but there is wonder in it all the same. Think of a little machine which we can keep in a pocket or fastened to the wrist, a little machine

which will tell us the time of day-if we keep it wound and in good working order. Clocks of one kind or another have existed for thousands of years, but not watches. Christopher Columbus did not carry a watch across the Atlantic. They were not being made at the time of his first voyage. Before he

died, watches were put out at them "Nuremberg eggs." Nuremberg, Germany, but few Spaniards, if any, saw one of them

by Peter Hele, and were really

Parts of the inside of a watch.

little clocks. Because of their shape, and the place in which they were made, people called

Those early watches were made helped to build watches which are the works or the movement of a your scrapbook.)

far smaller and which keep better time. The real power in a watch is the mainspring. It is a thin steel wheel, and its motion is controlled

to "unwind," as does the spring known as the escape wheel. The on a child's toy automobile. The old custom was to open the hairspring keep the mainspring The old custom was to open the hairspring keep the mainspring LONDON—(U.P.)—The earliest watch case, and use a key to wind from unwinding too fast, or too photograph in existence, which the mainspring. Less than a cen-tury has passed since stem-wind-

ing watches began to grow common. The mainspring causes a so-

The mainspring causes a so- There are live ticks in a second, called "barrel" to turn inside the 300 ticks in a minute, and 18,000 tenary of photography at the match and teath on the barrel ticks in an hour.

Royal Society of Arts. It is the make the center wheel turn around. The center wheel has to work on screws of extremely teeth which cause another wheel small size. Some wrist watches to move, and this wheel works have such small screws that 2,000 Dozens of other men have on still another one. These wheels, of them together would weigh until after the death of Colum-bus in 1506. worked to make better watches with the mainspring, make up only one ounce.

(For General Interest section of

The leaflet, "Cities of Europe," Besides the mainspring there is may be had by sending a 3c a little spring of great importance. stamped, return envelope to me It is known as the "hairspring," in care of this paper, and without it a watch would not keep good time. The hairspring is connected with the balance

escape wheel, balance wheel and UNIQUE SUN PICTURE SHOWN

# Uncle Ray ribbon. When wound up, it tends by a wheel with small hooks,

took more than 100 years to de-Some persons have fancied that velop and was produced by a a tick of a watch meant the pass- whim of nature, was shown to the ing of a second, but that isn't so. public for the first time at an ex-There are five ticks in a second, hibition commemorating the cen-Men who repair watches have only known specimen of a natural "sun picture."

#### TOBACCO USER DOUBLES UP EL RENO, Okla.-(U.P.)-Virgit Shaw, assistant county attorney,

# chews tobacco and smokes cigarettes at the same time.