

## Radio In Review

By JOHN CROSBY

### The Two Durantes

AFTER listening to a good many of the Jimmy Durante shows (NBC 9:30 p.m. Fridays), I harbor the uneasy feeling that whoever is responsible for that show misunderstands the fundamental Durante.

This feeling was immeasurably strengthened the other night when I caught Durante's act at the Copacabana where you get pure Durante—unalloyed by Don Ameche, Vera Vague or script-writers with a weakness for Vice President Barkley jokes.

The Durante act at the Copacabana is distinguished from the Durante act on the air, is a classic exercise in desperation. Everything conspires against Durante. His accompanist plays the wrong key. The orchestra is too loud or too soft. Waiters interrupt his song. Even the piano is recalcitrant.

AND THROUGH IT ALL, Jimmy's frenzied rage mounts higher and higher, exploding at each new indignity and, in the end, surmounting it. It is truly great and sincere and—I repeat this—classic comedy of a man beset on all sides by frustrations and finally, though at great cost, conquering them.

Durante, when he sings or even when he talks, has a beat, a rhythm, all his own and it is a bit inspired, though I suspect instinctual, genius on his part to have this rhythmic beat run throughout his act.

Even during his monologues, the beat is carried on either by a piano accompanist or by the

whole orchestra, contributing a musical theme to the manic confusion of Dr. Durante's appearance. It's a wonderful hunk of pure showmanship and it never fails to leave me helpless with admiration.

THE RADIO SHOW is something else again. It's not a bad show but, in the light of Durante's special gifts, not a very satisfying one. The Durante personality is imbedded by more plot than a Shakespearean comedy.

There was one recent one about a man who yearned wildly to watch a football game on Durand television set. He was prevented by Durante, who kept blowing fuses and one thing and another.

This puts Durante in the reverse of his traditional role. In this case he was the cause rather than the recipient of the frustrations. It's a funny way to exploit the Durante personality.

DON AMECHE is the best stooge Durante has had since Garry Moore left, but he, too, is pretty badly handicapped by his material.

The other personnel around include a woman who talks in an Italian dialect—I don't know her name and I don't specially care to—and Vera Vague who, as I suppose everyone now knows, has made a rather substantial career out of chasing men and not catching them.

There are so many of these

Hours are Portsmouth time (Eastern Standard). Erroneous listings, if any, are due to last-minute changes by stations and networks. WPAJ-FM (104.1 megacycles) duplicates WPAJ programs daily from 3 to 11:15 p.m.

**COLUMBIA** WPAJ 1400  
**NATIONAL** WLW 700  
**MUTUAL** WGN 720  
**AMERICAN** WJZ 770

**FRIDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 Dinner Music  
7:00 Cinnamon Bear  
7:15 Cote Glee Club  
7:30 Club 15  
7:45 News-Murrow  
8:00 Salon Serenade  
8:15 Here's To Vets  
8:30 Proudly We Hail  
9:00 Leave It to Joan  
9:15 Young Love  
9:30 Pursuit  
10:00 Capital Room  
10:15 CBS News  
10:30 George Winslow  
10:45 Oscar Borel  
11:00 Moon River  
11:15 CBS News  
11:30 Airline Trio  
11:45 Junior Miss

**SATURDAY MORNING**  
6:00 News  
6:15 Midwest Roundup  
6:30 Sunrise Roundup  
6:45 Chordtime  
7:00 News  
7:15 Musical Clock  
7:30 News  
7:45 Musical Clock  
8:00 News  
8:15 Birthday Club  
8:30 Birthday Club  
8:45 Call To Worship  
9:00 CBS News  
9:15 Barnyard Follies  
9:30 Market Calling  
9:45 Garden Gate  
10:00 RFD 1400  
10:15 Joe DiMaggio  
10:30 CBS News  
10:45 Airline Trio  
11:00 Junior Miss  
11:15 CBS News  
11:30 Airline Trio  
11:45 Junior Miss

**SATURDAY AFTERNOON**  
12:00 Theater of Today  
12:15 News  
12:30 Man on Street  
1:00 Hollywood Star  
1:15 Musical Varieties  
1:45 County Fair  
2:15 Family Fair  
2:30 Dave Stephens  
2:45 Overseas Report  
3:15 Science  
3:30 CBS Farm News  
3:45 Cross USA  
4:00 TBA  
4:15 Navy Band  
4:30 Nore Morales  
4:45 Santa Claus  
5:15 Gene Autry  
5:45 Golden Vespers

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

**SATURDAY NIGHT**  
6:00 News  
6:15 Waiter Hoyt  
6:30 Sports Review  
6:45 News-CBS  
7:00 Johnny Dollar  
7:15 Xmas Melodies  
7:30 Purple Sake  
8:00 Gene Autry  
8:15 Phillip Marlowe  
8:45 Gang Busters  
9:15 My Broadway  
9:45 Sing It Again  
10:00 Sing It Again  
10:15 Sing It Again  
10:30 Sing It Again  
10:45 Sing It Again  
11:00 News, CBS  
11:15 Harry James  
11:30 Harvey Crawford  
11:45 Open House

frustrated ladies in radio that it is almost a separate branch of the acting profession. Miss Vague is at least as good as the rest of them, if that's any comfort to her.

THE DURANTE SHOW catches fire now and then simply because nothing with the Schaezola in it for half an hour could avoid it. He still gets terribly tangled up in the English language and he still blows his lines with a sort of wild glee, those fluffs frequently being the most entertaining part of the show.

And, of course, he still sings those wonderful songs about his nose, about his dear old alma mater (P. S. 33), about his clothes, about his way with women. That alone makes the half hour worth while.

(Copyright 1949, New York Tribune)

### On The Airplanes

QUE LINDEMAN, 7-year-old daughter of Mr. and Mrs. Lowell Lindeman, 1415 Fifth st., was chosen recently from 50 contestants to appear on the "Kid-dies Kapers" TV show. The program will be videotaped at 1:45 p.m. Sunday over Columbus Station WCPQ-Channel 6. Miss Lindeman does an acrobatic toe dance.

TONIGHT  
8:30 p.m.—WPAJ: "Proudly We Hail" presents Dale Evans in a Texas story titled "Troubled Waters". Miss Evans takes on an old family feud over a water hole, steps into her wounded Dad's shoes, and solves things a woman's way. The story involves the eternal fight for water in Texas, with feuding neighbors polluting a water hole because they had been refused use of the water for their own cattle.

9:30 p.m.—Mutual: Cornet Wilde will star in "Hideout" in the hour-long production of "Hollywood Radio Theater".

Wilde portrays Lucky Wilson, a small-time mobster, who goes with his henchman, Joe, to "Fer-suade" Cassel, owner of a small night spot, to kick in more money. Cassel resists and Joe hits him with a blackjack and seriously wounds him. McCarthy, a police officer who has been on Lucky's trail, captures Joe but, though he is wounded, Lucky escapes.

9 p.m.—ABC: Jake Lamotta, world's heavyweight champion, will try to square accounts with ring experts when he faces Robert Villerman, strong French clouter, in the 10-round Madison Square Garden main event.

SATURDAY  
9 p.m.—WPAJ-CBS: "Gang Busters" will present the second episode in "The Case of the Paper Stars". Millard T. Matovina, chief of police of Gary, Ind., is narrator. Following at 9:30 is "Broadway Is My Beat", starring Larry Thor as Detective Danny Clover who hides a core of sentiment beneath a tough exterior.

12:30 p.m.—NBC: "How Lucky you women are, with nothing to do but stay home all day and take life easy," are father Andrews' parting words to his wife as he leaves for work. They get him into hot water during "The Adventures of Archie Andrews".

10 p.m.—Mutual: "Man on", Massenet's poignant tragedy of love, will be presented on "Chicago Theater of the Air".

Virginia Haskins, coloratura soprano, will be starred in the title role, with David Poleri as the Chevalier des Grioux. Bruce Foote, baritone, and Donald Gramm, complete the cast.

SUNDAY  
6 p.m.—WPAJ-CBS: Loretta Young plays the victim of a wish for lifelong youth and beauty, in "Mrs. Moonlight", adapted from the Broadway show of 1930, for "Family Hour of Stars". As the years pass, she is painfully embarrassed by the contrast between her unchanging appearance and that of her aging friends.

9:30 p.m.—WPAJ-CBS: A three-month competition comes to a climax on the "Horace Heidt Original Youth Opportunity Pro-

gram". Six youngsters will compete for the fourth-quarter final honors and the chance to enter the following week's grand finale.

8:30 p.m.—NBC: Richard Conte, Diana Lynn and Shirley Booth will be starred in "Street Scene" on "Theater Guild of the Air".

The Pulitzer prize winning drama of New York tenement life will be the third Elmer Rice play to be produced on the air by Theater Guild this season. The earlier presentations were "Dream Girl" and "Counselor-at-Law".

A DIFFICULTY is frequently

others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

It is hoped to use these rays to do selective killing, which is real atomic sharpshooting. An example is making vaccines. Each germ or virus that causes disease, also carries the antidote, in the form of a mysterious substance called antibody. The vaccine is something that will produce plenty of the antibody but at the same time kill or curb the germs or viruses.

A DIFFICULTY is frequently

others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

It is hoped to use these rays to do selective killing, which is real atomic sharpshooting. An example is making vaccines. Each germ or virus that causes disease, also carries the antidote, in the form of a mysterious substance called antibody. The vaccine is something that will produce plenty of the antibody but at the same time kill or curb the germs or viruses.

A DIFFICULTY is frequently

others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

### A Dozen Eyes

## 'Sharpshooting' X-Ray May Have Many Uses

By HOWARD W. BLAKESLEE

URBANA, Ill., Dec. 9.—(AP)—You can pick off atoms with some new sharpshooting X-rays at the University of Illinois.

This is a new kind of marksmanship, with many promising uses. The X-ray sharpshooting was developed by Dr. George L. Clark, of the department of chemistry.

Ordinary X-rays are like decks of playing cards, except that instead of 52 there are thousands. Each ray differs from the others in wavelengths.

THE NEW WAY of making X-rays produce nothing but aces. All have the same wavelength. The ordinary rays are made by shooting a stream of electrons against a piece of tungsten metal.

The new rays are made by targets of molybdenum, copper, iron, nickel, chromium and cobalt. Each kind of metal produces a different X-ray.

Both for seeing the invisible, and for killing powers, these ace X-rays surpass anything else of their kind. Each class of rays selects some substances as preferred targets, and bypasses the

others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

It is hoped to use these rays to do selective killing, which is real atomic sharpshooting. An example is making vaccines. Each germ or virus that causes disease, also carries the antidote, in the form of a mysterious substance called antibody. The vaccine is something that will produce plenty of the antibody but at the same time kill or curb the germs or viruses.

A DIFFICULTY is frequently

others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

It is hoped to use these rays to do selective killing, which is real atomic sharpshooting. An example is making vaccines. Each germ or virus that causes disease, also carries the antidote, in the form of a mysterious substance called antibody. The vaccine is something that will produce plenty of the antibody but at the same time kill or curb the germs or viruses.

A DIFFICULTY is frequently

others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

It is hoped to use these rays to do selective killing, which is real atomic sharpshooting. An example is making vaccines. Each germ or virus that causes disease, also carries the antidote, in the form of a mysterious substance called antibody. The vaccine is something that will produce plenty of the antibody but at the same time kill or curb the germs or viruses.

A DIFFICULTY is frequently

others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

It is hoped to use these rays to do selective killing, which is real atomic sharpshooting. An example is making vaccines. Each germ or virus that causes disease, also carries the antidote, in the form of a mysterious substance called antibody. The vaccine is something that will produce plenty of the antibody but at the same time kill or curb the germs or viruses.

A DIFFICULTY is frequently

others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

It is hoped to use these rays to do selective killing, which is real atomic sharpshooting. An example is making vaccines. Each germ or virus that causes disease, also carries the antidote, in the form of a mysterious substance called antibody. The vaccine is something that will produce plenty of the antibody but at the same time kill or curb the germs or viruses.

that whatever kills the microbe, also destroys the antidote. With the selective X-rays it should be possible to find ace beams to kill or inactivate the microbes, without destroying the antibody.

The ace rays produce more mutations than ordinary X-rays, and produce them faster.

Very unexpectedly, preliminary experiments indicate that the ace rays have 260 times greater biological effect than ordinary rays of the same energy. This discovery, a generally accepted belief that biological effects are independent of wavelength.

Others.

In practical use one of these monochromatic (single-color) rays will reveal certain details in a solid object, which may be anything from a metal casting, to the flesh and bone of your injured hand.

After you get a view of these details, you switch to another ray, which shows you some different, but additional details. And so on with one ray after another.

FOR THE X-RAY man, this is like having a dozen eyes instead of one.

In killing power, the ace rays may be made thousands of times stronger than the ordinary rays. Thus some germs and micro-organisms that usually take hours for X-ray killing will die in a few seconds.

It is hoped to use these rays to do selective killing, which is real atomic sharpshooting. An example is making vaccines.