

Device Enables Deaf to Hear Through "Feeling" Sound Waves

CHICAGO (AP) — Robert H. Gault, psychologist at Northwestern university, has devised a means whereby the deaf may "hear" by "feeling" sound waves.

The method is called "finger audition" and Gault has spent five years in research work. He described the "feeler," which the deaf touch with their fingers and which intensifies sound waves in varying degrees.

In "finger audition," the speaker talks into a microphone. The sound waves then proceed through the feeler, which in reality is a vibrator. Different words set up different vibrations and the deaf "hear" the sound waves by placing their fingers on the vibrator. Gault is working now to simplify both the mechanism and the training.

The psychologist found that the fingers could detect up to 2500 vibrations a second. Above that the vibrator seemed to be vibrating still, but the rate is far above that essential to make speech understandable by the ear.

Interpreting the sound waves is a matter of practice, which the scientist describes as follows:

"Think of an infant with normal sense organs. Speech to him is a series of bumps—bumps. Before long, the series disappears and the bumps follow one another more rapidly; there is a pause between bumps,

DEATH RIDES IN TOY WAGON



perhaps a heavy explosion and a succession of bumps. Every where there is rhythm. By and by the youngster will have learned there is a system about the bumps—rhythm of the bumps. He knows something about rhythm, tempo, emphasis and accent before he knows there are such things as words. In short, he has placed in some similarity with the pattern of speech.

"The deaf subject gets his pattern of speech through his skin, just as the baby gets it through his ears—and it serves the same purpose in one case as in the other. After a while, the model of words as they stand alone, begins to emerge."

Gault has carried on most of the research at the National Research Council in Washington. Twenty-six subjects in his laboratory, he said, were able to understand a speaker from 70 to 100 per cent better through the feeler than through the ear.

He said the most practical application of the method will be in schools for the deaf.



Thomas J. Christian (right), is in jail at Los Angeles, Cal., charged with murder, and Mrs. Walter Galloway (in circle), and her son, Donald (left), see without a husband and father because of a bag of butter beans and a toy wagon. Donald, 11 years old, traded his wagon to Naomi Christian (pictured above with her mother), for the butter beans. After the beans were gone Donald wanted his wagon back. A quarrel followed, in which the mother of the children became involved, according to police investigators, and which reached a climax when Christian leaped upon the running board of the Galloway automobile and shot Galloway. Christian is a former Kentuckian.

Several hundred pounds of water are necessary during the life of a cultivated plant to produce one pound of mature matter. Thus, a plant such as wheat or corn, requires each day an amount of water equal to several times its own weight.

People in Sussex, England, once entertained the superstition that toothache could be cured by putting the right stocking on before the left.

The value of a performing circus (one is estimated at about two thousand dollars).

Here Is Miss New Mexico



Miss Kitty Banks, former Follies girl and model for Howard Chandler Christy, went to Albuquerque, N. M., several years ago. New York newspapers once reported her dead, but now she appears to be very much alive as winner of a 27th beauty contest.

Wiggins Claims Boxing Record

INDIANAPOLIS (AP) — Chuck Wiggins, veteran Indianapolis heavyweight pugilist, claims a "no-stop" ring record. He has boxed 31 times in the first eight months of 1927. His losses average better than 12 to 15 bouts a year.

Some of the toughest light heavyweights and heavyweights in the game threw their gloves at Wiggins in that time. He has taken on Tiger Flowers, former mid-division champion, Young Satchel and Johnny Rake. Wiggins met Flowers three times, losing on points once, winning a draw another time and boxing a no-decision the other time.

Wiggins boxed a total of 243 rounds from Jan. 1 to Aug. 25. When he stopped for a short time to help Gene Tunney get into shape for his title bout with Jack Dempsey, he secured six knock-outs in the 31 bouts.

More than twelve years' ring activity and a general disqualification to train seriously have made little apparent impression on Wiggins. He bears few marks of the thousands of rounds he has fought. Only once has he taken the count. That was at the hands of Tom Gills, several years ago.

The great topography map of the United States, which has been under construction for a generation and will cover when completed more than an acre, is less than half finished.

A set of false teeth was presented to a London hospital by an old lady with the hope that some poor patient might use them.

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Special prices on new felt hats for Saturday. Wilson-Kelly Hat Shop. 9-22-27

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The trouble with most of us is that we're too fond of people who agree with us and with food they don't.

Rummage Sale by St. Peter's Aid Society of the Episcopal church at Roman Hall, Sat., Sept. 24, 9-22-27

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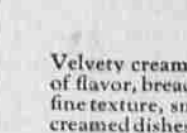
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Keep an open mind doesn't necessarily mean that everything must be kept out of it.

It is believed by Dr. Frank H. Vizetelly that the handkerchief in its primitive silk tissue and paper form was in use in China long before the Christian Era.

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