

Trade Developments

New Speakers and Sets

THE new Kyle condenser type loud-speaker is claimed to give more perfect reproduction over all the high and low frequencies than any other present-day speaker. As the name implies, this invention consists of two metallic plates separated by a special dielectric called Kylite, a substance named after the inventor. The unit is immersed in a bath of low-current high-voltage electrical energy. In order to provide the high voltage necessary to charge the surfaces of the speaker, a device known as a polarizer is employed. This consists of a small transformer to provide 450 volts, a blocking condenser, and a rectifying valve of the 201A type. This polarizing device, which is part of the complete speaker, makes the unit adaptable to any standard radio receiver, regardless of the type of valves used. Since the thickness of this new speaker is approximately one-eighth of an inch, its use in factory-built sets will enable the use of smaller consoles than are now required.

A NEW all-electric radio receiver of note is the eight-valve "Peerless Courier," a set embodying many present-day improvements. The most notable is the use of three stages of screened grid, which gives maximum selectivity and stability. It also incorporates single-dial tuning and push-pull amplification. "Peerless Couriers" can be obtained in various models, notable among which is model 653. This is a 46-inch high console, the front and doors of which are of matched burl walnut overlaid with burl maple. This receiver can be obtained either with a moving-coil type speaker, or with "the Kylestron," the "electrostatic" speaker of wide possibilities which has been described.

AMERICAN papers state: According to a patent decree recently handed down by the United States Patent Office, the Magnavox Company secures exclusive use of the word "Dynamic" in connection with radio loudspeakers, telephone receivers, and parts. The Magnavox Company advises that the "dynamic" trade mark has been continuously used and applied to its merchandise since 1915. The recognition of this trade-mark by the Patent Office establishes the priority of Magnavox in the dynamic field.

Apart from the notification in this issue, the Magnavox Company has officially announced its sole right to the word "Dynamic."

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An Entertainer from 2YA

"Spot" before the Microphone

EVERY listener to the 2YA children's sessions knows "Spot." His entry to the studio, and his appearance at the microphone is always heralded by a most intelligent yapping and barking. After introducing himself in this manner to the radio world, he commences his turn, and all who have listened know how very well he performs. Adding, multiplying, and dividing, as well as reciting and singing, are the accomplishments of this unusual dog. So intelligent have been these performances that not a few have questioned the fact that this is a dog at all. Someone was

even heard to venture the remark that Aunt Gwen did the barking. However, we expect better things of Aunt Gwen for this is no mean accomplishment. None of these sceptical listeners have yet been able to explain how Aunt Gwen can snap at a biscuit and laugh at the same time. "Spot" is a real live fox terrier, and engages in all the mischief, and even the destruction (so Mr. Announcer tells us) common to all of his breed.

"Spot," now five years old, began his radio career about two years ago, when he entertained the children with Mr. Announcer, then Uncle Jasper. His debut was made in a rabbit hunt with two cousins and Uncle Jasper. One of the cousins had never seen a rabbit before, so Uncle Jasper and his three companions entered upon this novel expedition, describing as they went, the out fields which they were exploring. A burrow was discovered, and as Uncle Jasper could not reach the nest with his hand, Spot commenced excavating. With a series of yaps and howls, and the unquenchable mirth of the two cousins, Spot went on the air. Two

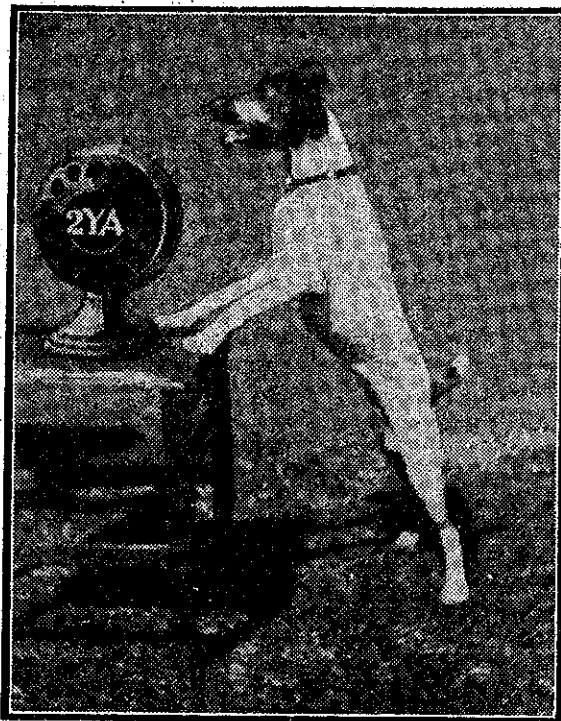
soft, fluffy rabbits were excavated, but not by Spot, for we suspect that had they become victims of his tender mercy their careers would rapidly have been terminated.

This novel broadcast was so much appreciated that henceforth demands were made for more broadcasts, and soon "Spot" became a familiar personality from 2YA. The popularity of the rabbit hunt has determined Mr. Announcer to again embark upon one of these exciting adventures with "Spot."

During last summer Spot and his

master went for a regular morning swim in the sea, but very obstinately Spot would stop by the water's edge and watch his master until children from a nearby school arrived for swimming. Then he would take the water. He is very fond of children, and always becomes very excited when associated with them. Quite often the little ones have endeavoured to persuade him to do his "lessons," but no "Spot" is too full of mischief and excitement. He prefers to romp and play on these occasions.

He evidently reserves the effort necessary to perform until such times as he is before the microphone. Mr. Announcer makes the proud claim that Spot can do his "three-times-three" table. On a recent evening he was asked what three times twelve were. He barked three times, stopped, and then barked six times (indicating 36). Nevertheless, we should like to hear him recite his three times table over the air. Recently, too, he sang two songs, one of which was "Twinkle, Twinkle, Little Star"; and shortly he will give two more accompanied by Aunt Gwen—at the piano.



World's Radio Fair

An Outstanding Event

THE sixth annual of the World's Fair was opened at Madison Square Garden, New York City, on September 23, with more than 300 manufacturers showing their goods. The exhibits displayed were estimated to be worth over 1,000,000 dollars. Officials in charge anticipated that the total attendance during the week's exhibition would reach 350,000 people.

Many of the leading New York newspapers showed the interest of the public in radio by devoting not only special editions to the show, but by actually taking booths at the exposition for the display of their radio sections or columns.

Television demonstrations were a feature of the programme, and drew large crowds. Many musical items were broadcast from a special studio. A special 18-page section of the "New York Times" Sunday edition of September 22 was devoted to the radio show and to the advances made in radio. Other newspapers gave similar prominence, so that altogether for that particular week radio dominated the newspaper world of New York City.

Radio Cures Deafness

ONE is constantly hearing of cases of people whose sense of hearing is impaired, being able through the means of radio, to enjoy music and the sound of the human voice again. Another such instance is told in the following letter from Hawke's Bay:—

"You may be interested to know that I have a deaf uncle staying with us, who has not heard a voice for over five years. I tried him with earphones on my set, and he is very delighted to be able to hear your voice. You are the only person he has heard speak for five years. He listens in to the news session between 7 and 8 p.m. every evening, and his hearing is improving."

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