

virtually free from objectionable surface noise.

garment you select is worth \$10 to \$20 more

As a phonograph owner you have always been annoyed by the swish, grinding and scratching noises of records. This "surface noise" has been considered impossible to remove. After years of experiment the Columbia Graphophone Company to-day presents to the world a record that is virtually noiseless.

An altra fine surface

considered impossible to remove until Columbia removed it !

Fully protected by patents

In no other record can you get the same wonderful degree of surface

quietness and pure, uninterrupted

quietness and pure, uninterrupted music, for the simple reason that Columbia alone possesses the secret of making a material which, em-ployed as a surface for phonograph records, obliterates obnoxious and

intrusive surface sounds.

This record has been made possible by Columbia's patented laminated, or three-ply construction. The core or centre leaf in Columbia New Process Records, because it is absolutely distinct from the playing surfaces, is made of a harder, more durable substance. Over this rigid backbone are laid the two playing faces made of the new, ultra fine, ultra smooth surface fabric.

Just pure melody

With New Process Columbia Re-cords you get all the real beauty of voice, all the exquisite delicate tones of the 'cello and the violin! You get melody unmarred by objection-able surface noise that has been

Here are two new dance records, New Process of course, and your dealer will gladly play them, or any other recent Columbia selections. You will be delighted by the clear reproduction of every note-nothing is lost by surface sound.

Bees' Knees and Lovin' Sam-Fox-Trots Ted Lewis and His Band | A-3738 75c

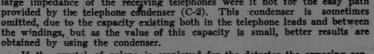
Sixty Seconds Ev'ry Minute—Fox-Trot The Columbians To-morrow Morning—Fox-Trot Eddie Elkins' Orch.

10" double disc New Process Columbia Records cost only 75c

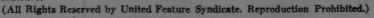
J. CLARK & SON, Limited

17 GERMAIN STREET

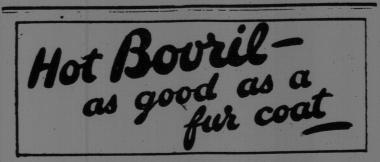
COLUMBIA GRAPHOPHONE COMPANY, TORONTO



If the crystal of galena is employed for the detector the opposing con-tact should be a fine wire resting upon a sensitive point of the crystal with a light pressure. With a crystal of carborundum, however, the firm pres-sure of a sharp contact is necessary and also the addition of an external cir-cuit consisting of a low voltage battery regulated by a potentiometer, thus providing a steady flow of current through the crystal and rendering it more sensitive









ough not the chief druggist in the outfit. The Federal agents say Manago has been supplying street peddler with dope for the last year. When

his place was raided the agents found cocain and morphine valued at \$2,000 ready for distribution to agents. Newsboys have been in Mangano's

eady for distribution to agents. Newsboys have been in Mangano's employ for some time, and used news-papers as a side line, the Federal men allege, and others who are charged with selling and possessing drugs have been supplied from the some source.

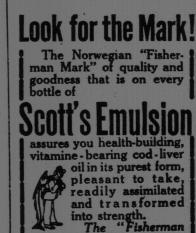
Two Bremerton navy men are plan-ng a trip across the United States by moe when they are discharged in

SCIENTISTS TO EXPLORE AUSTRALIAN MYSTERY LAND ville and the party will sail around Cape York and across the Gulf of Carpentaria to Port Darwin, where final ritish and American Group to Search Wild Interior of Continent. stores will be shipped. An endeavor will be made to land between Port

Sydney, N. S. W., Dec. 13.-(By Mail).-A vast area in central Aus-tralia that has remained virtually a mystery land because of its inacces-sibility is to be penetrated by a group of British and American scientists ex-ploring under the auspices of the Brit-ish-American Exploration Syndicate. Two of the explorers are C. W. Rog-ers, of San Diego, and Sergeant A. A-Waelly, who was with the 18th Amer-ican Engineers in France. Final ar-rangements will be made in Towns-

of the cattle stations on the northwest coast. A motion picture machine will be used and pictures will be taken of various features of the country and of the tribes, if possible. It is estimated that the expedition will be away between eighteen months and two years. They hope to work across Australia to the south.

Thirty per cent. of the automobile tires manufactured in the U. S. are used west of the Mississippi river.



Mark" should be on ever the of emulsion you b



