

July 28, 1959

Mr. Edmund Osterland
E.O. Electronics, Inc.
Mountain Lakes, New Jersey

Dear Mr. Osterland:

Thank you for your letter of the 16th. Without a circuit diagram it is rather difficult for me to form an opinion about the patent in question. Negative feedback, as we know it today, extracts a small amount of signal voltage from the output of an amplifier and injects it into the input.

According to the description given, the feedback voltage is the demodulated audio frequency and not the signal frequency. This would make the circuit rather similar to the reflex receivers which were popular during the early 1920's. If the fixed bias is correct, it might be that the circuit could operate in a manner similar to the hole puncher circuits which appeared about fifteen years ago. However, this is only a guess on my part.

Thank you for your interest on this subject.

Very truly yours,

Grete Reber