

26TH NOVEMBER 1958

LIBRARIAN  
BELL TELEPHONE LABORATORIES  
463 WEST STREET  
NEW YORK 14, NEW YORK

DEAR SIR:

WE ARE INTERESTED IN THE EARLY HISTORY OF DEGENERATION AS USED TO STABILIZE RADIO FREQUENCY AMPLIFIERS AND PREVENT OSCILLATION. THE CIRCUIT IS ALSO KNOWN AS INVERSE FEEDBACK AND NEGATIVE FEEDBACK. [IT IS MY IMPRESSION THAT THIS CIRCUIT WAS INVENTED BY ONE OF YOUR MEN, PERHAPS A MAN NAMED BLACK, ABOUT 1934.

IF ANY DESCRIPTIVE RESUME OF THIS SUBJECT IS AVAILABLE PLEASE SEND A REFERENCE, OR BETTER YET A REPRINT, IF SUCH BE AVAILABLE. LACKING THIS, WE WOULD LIKE TO SECURE THE TITLES, NUMBERS AND DATES OF ISSUE OF SEVERAL OF THE EARLIEST PATENTS ON THE SUBJECT.

YOUR ASSISTANCE AND SUGGESTIONS ON THIS MATTER WILL BE MUCH APPRECIATED.

VERY TRULY YOURS,

  
GROTE REBER

GR/MI