

Benade

DIAGRAMS AND SLIDES  
ON THE  
ACOUSTICS OF VARIOUS CLARINETS

PRESENTED AT THE NATIONAL CLARINET CLINIC  
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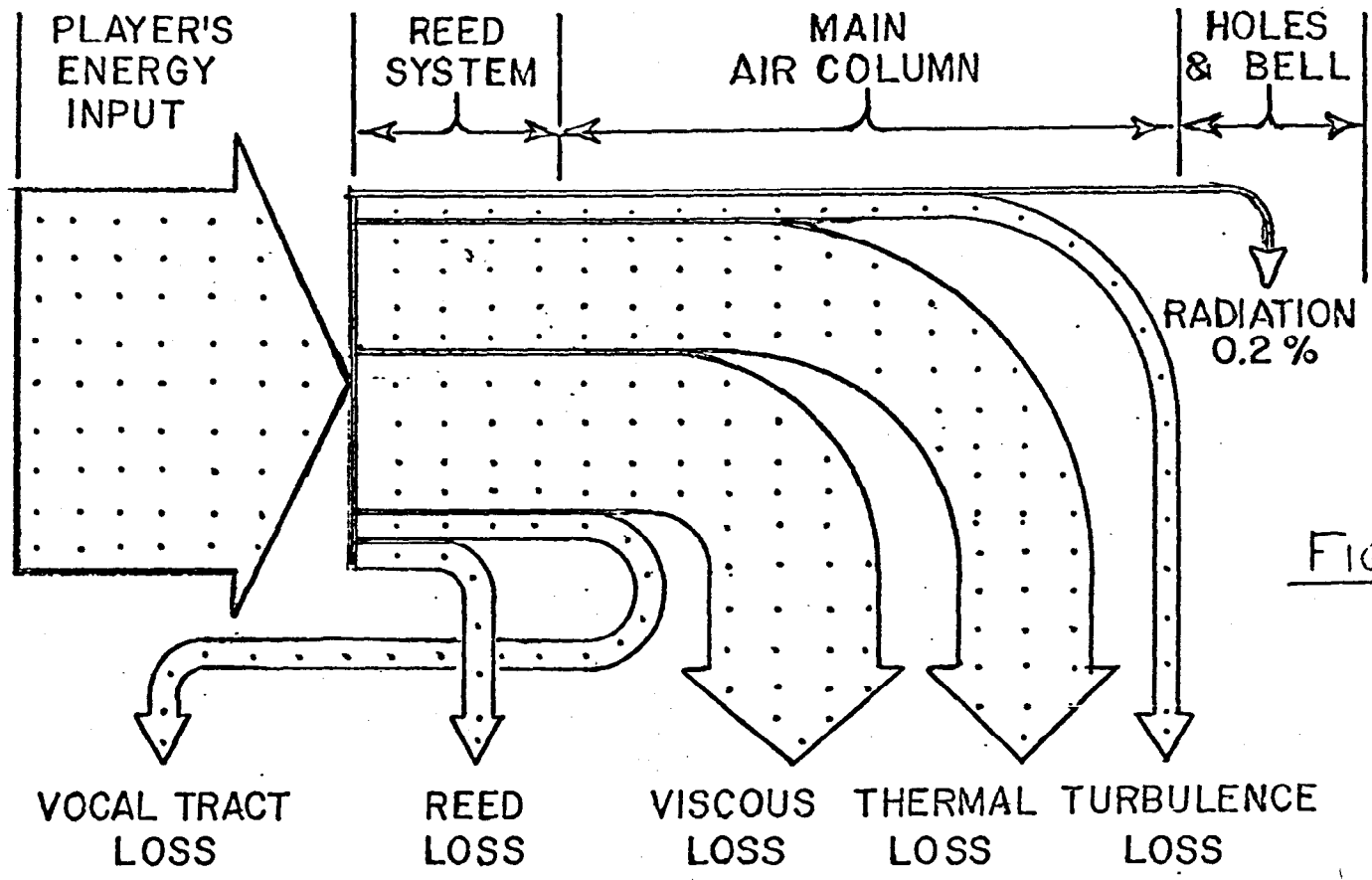


FIG 4

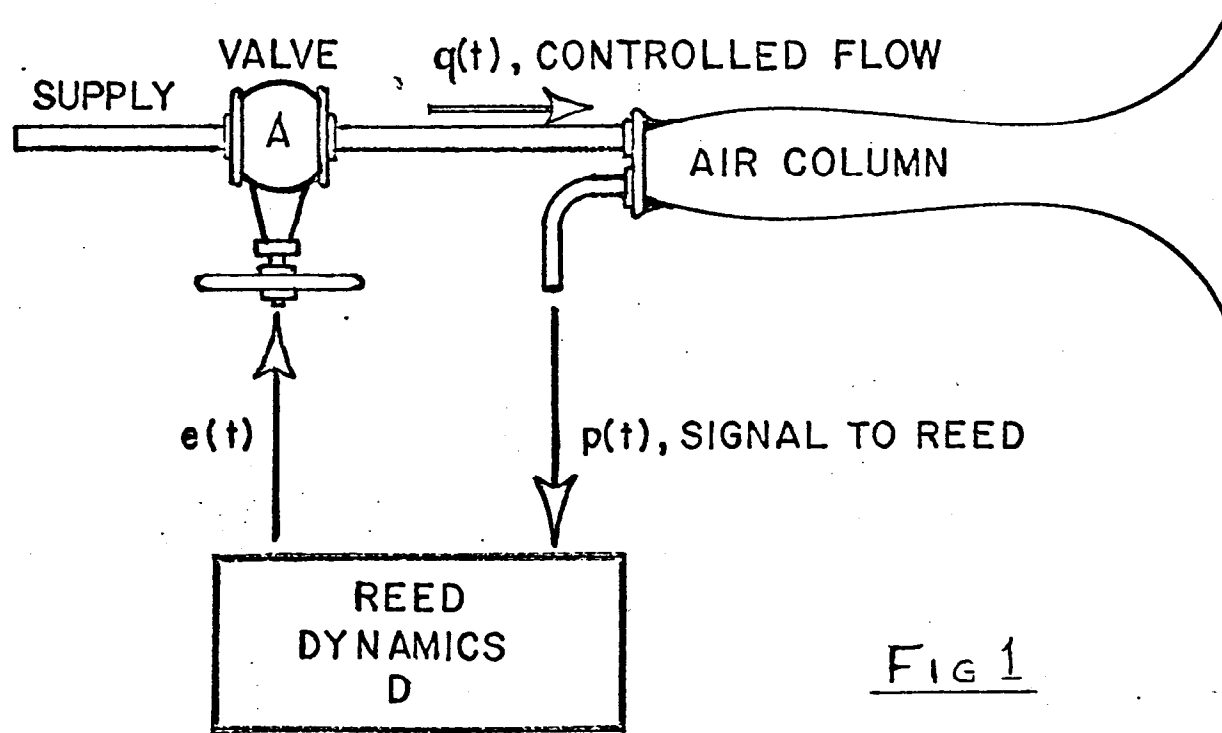
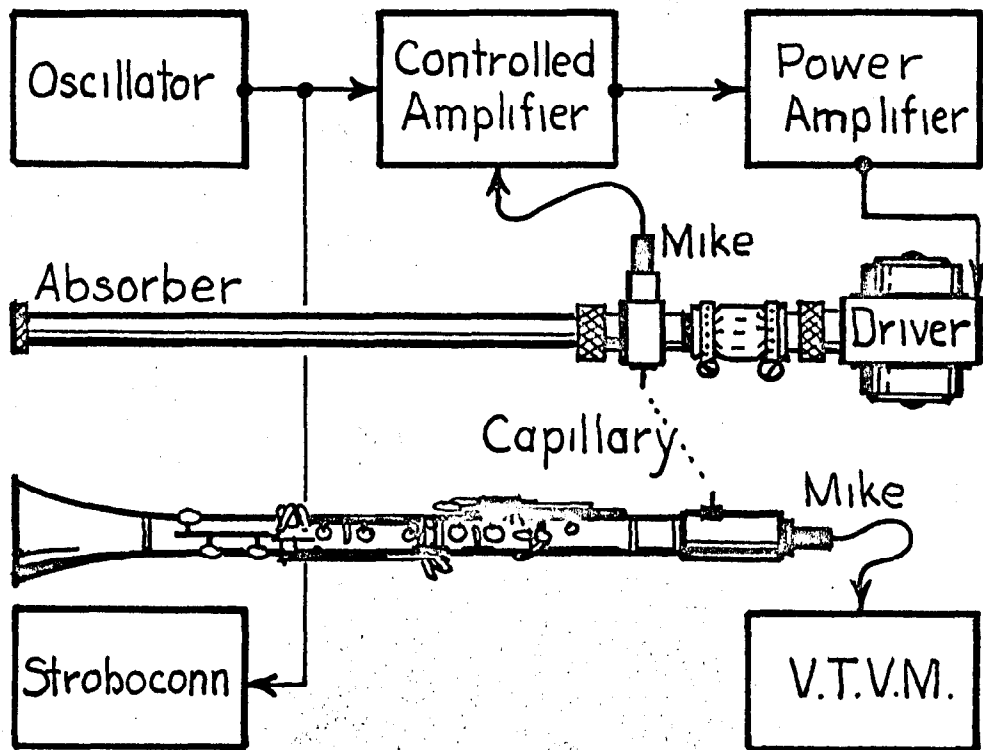


FIG 1



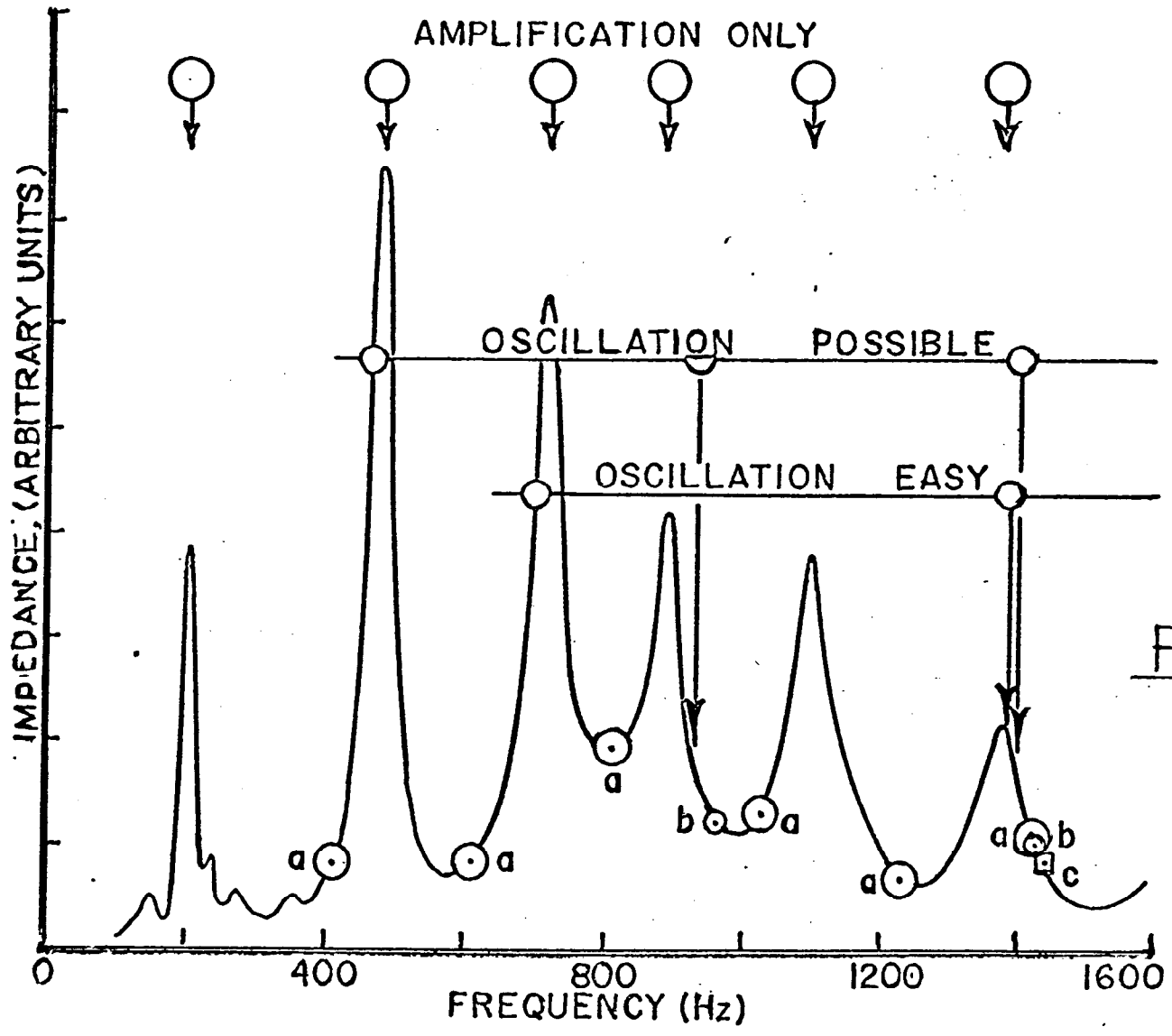


FIG 2

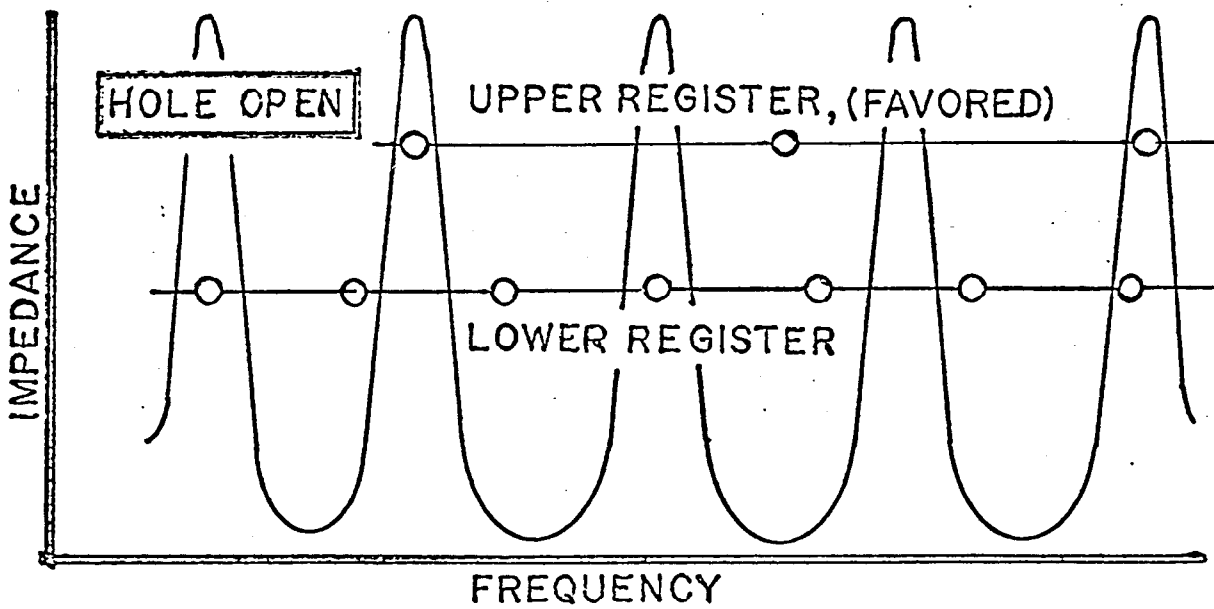
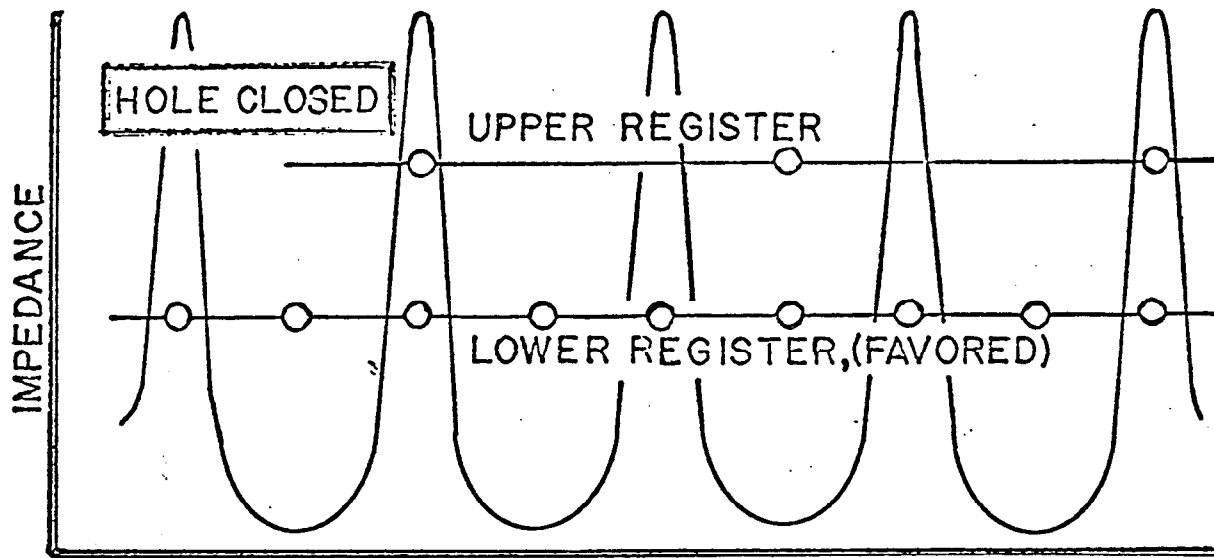
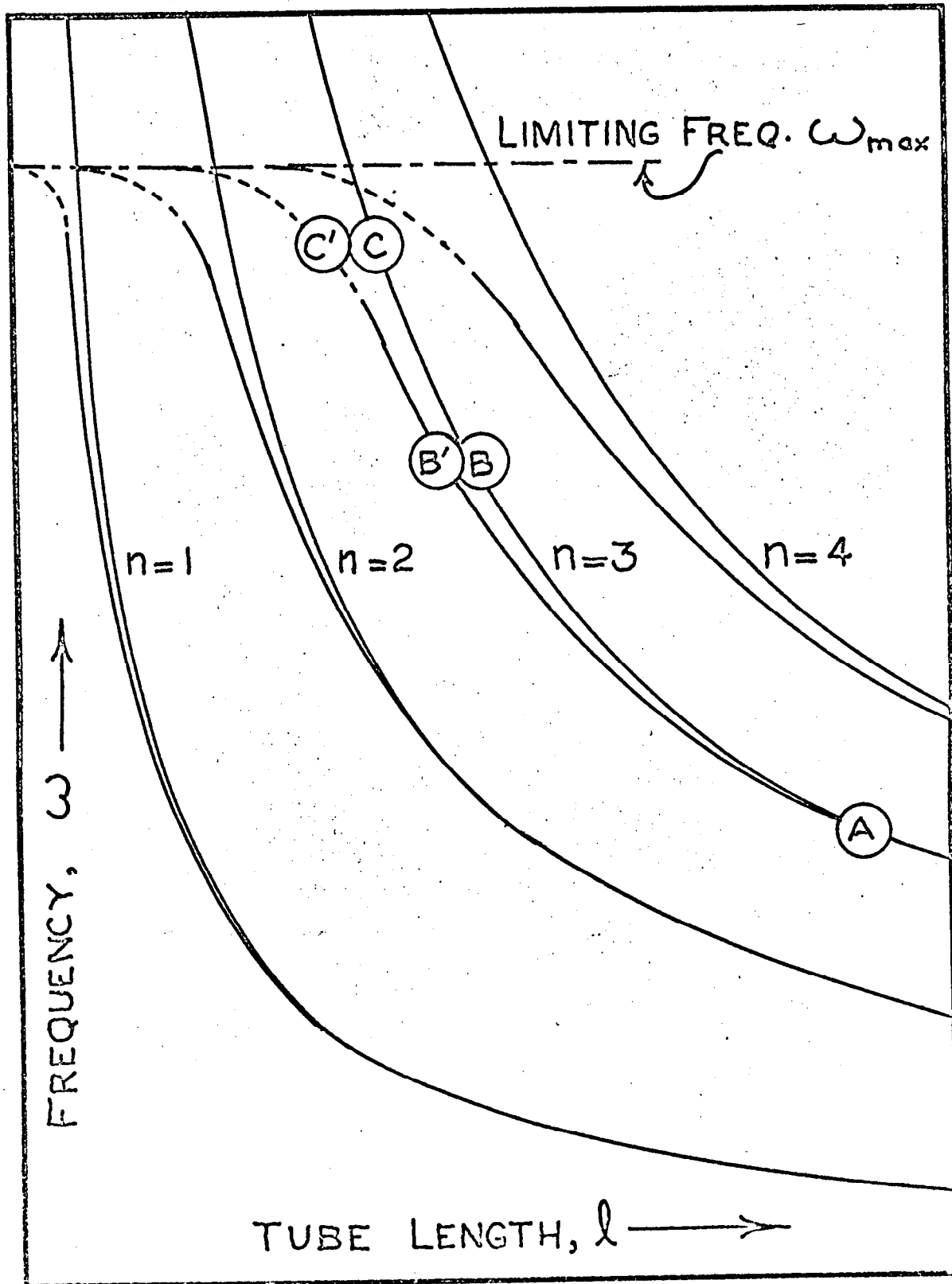
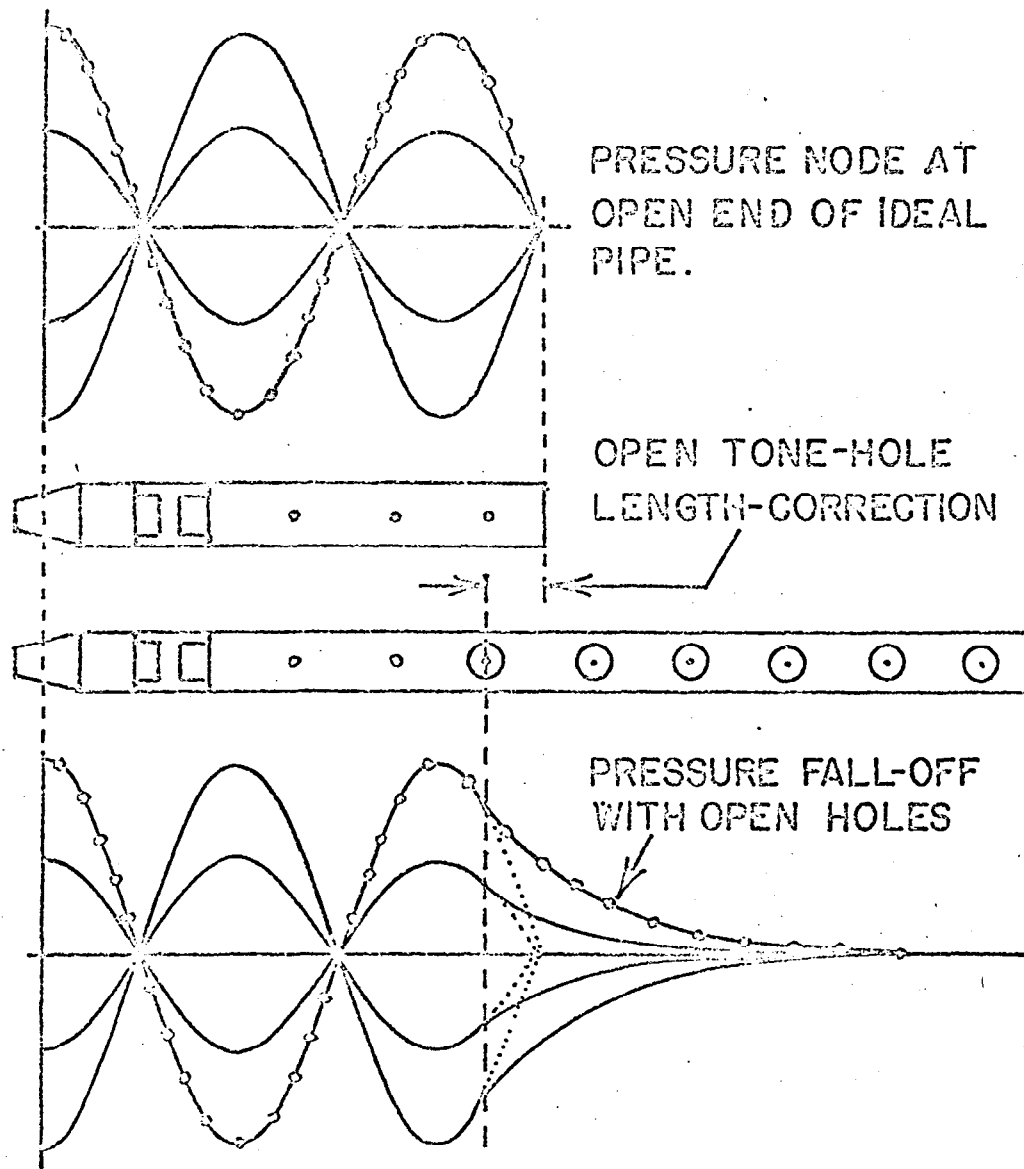


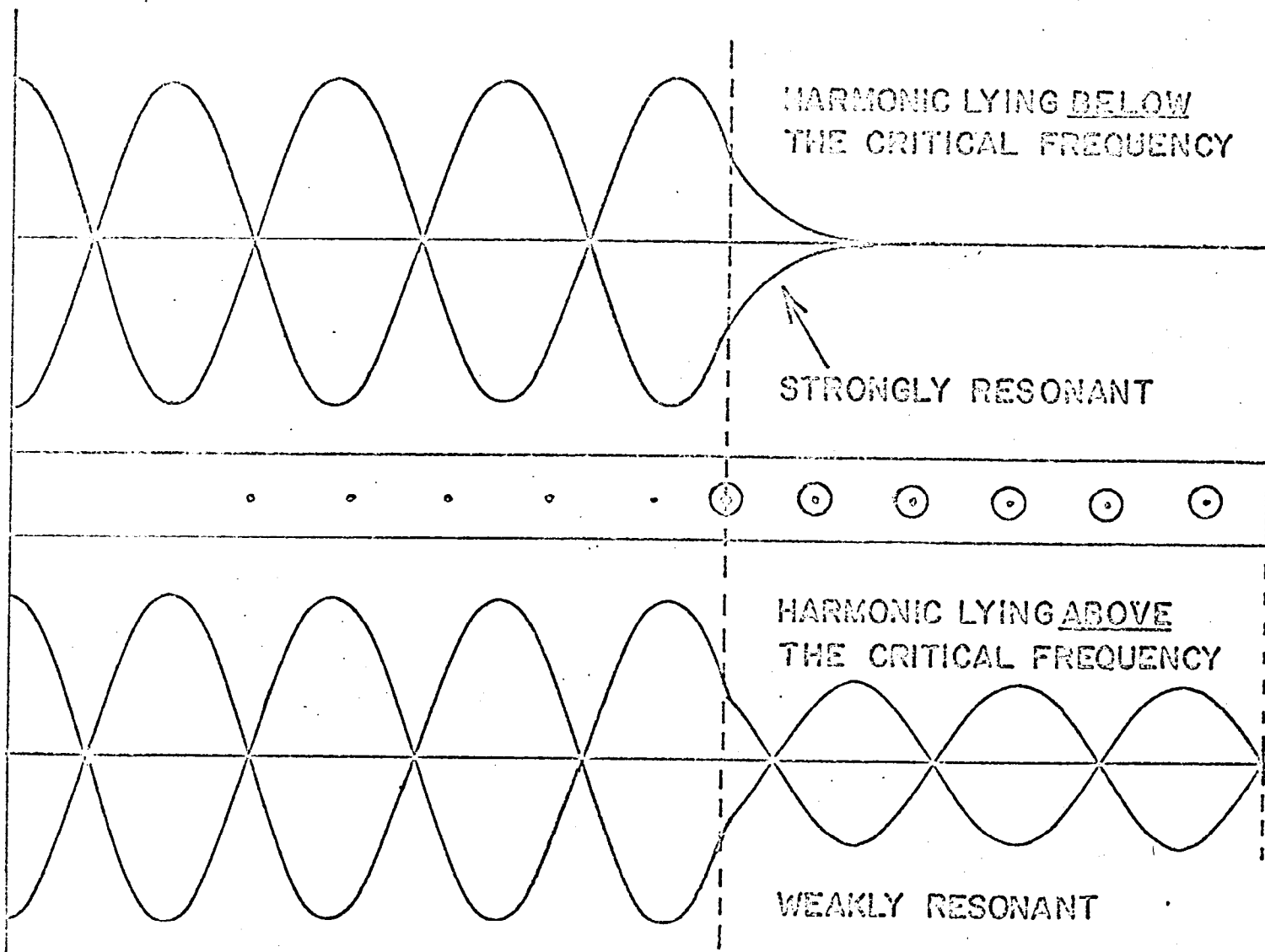
FIG 3

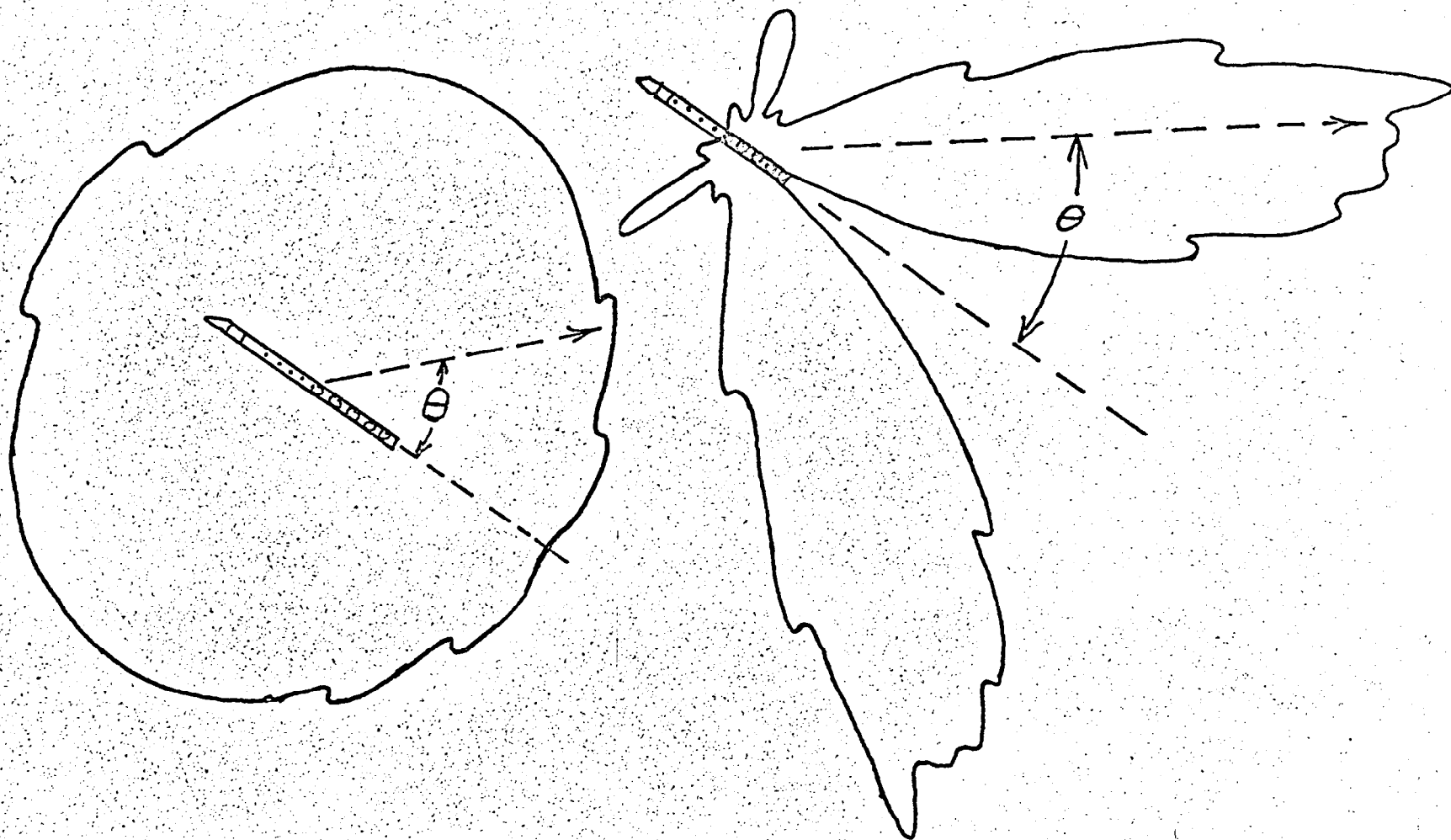


A REED-SUSTAINED SYSTEM RUNS AT FREQUENCIES WHICH MAKE THE PRESSURE VARIATIONS MAXIMUM AT THE REED END. THE SITUATION AT THE LOWER END VARIES, BUT IT APPROXIMATES ZERO PRESSURE.









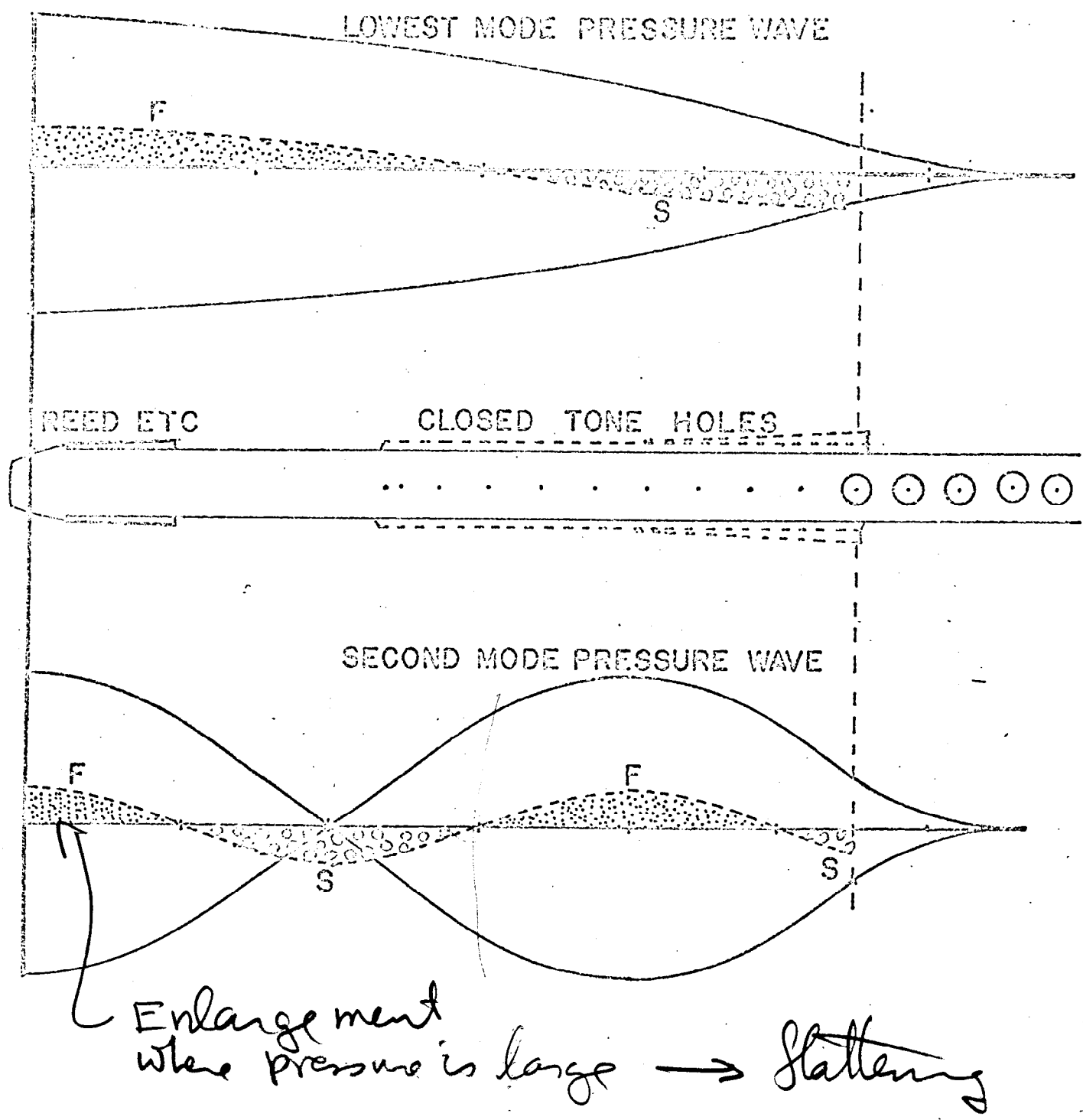
ANGULAR DISTRIBUTION OF RADIATION

LOW-FREQ COMPONENTS

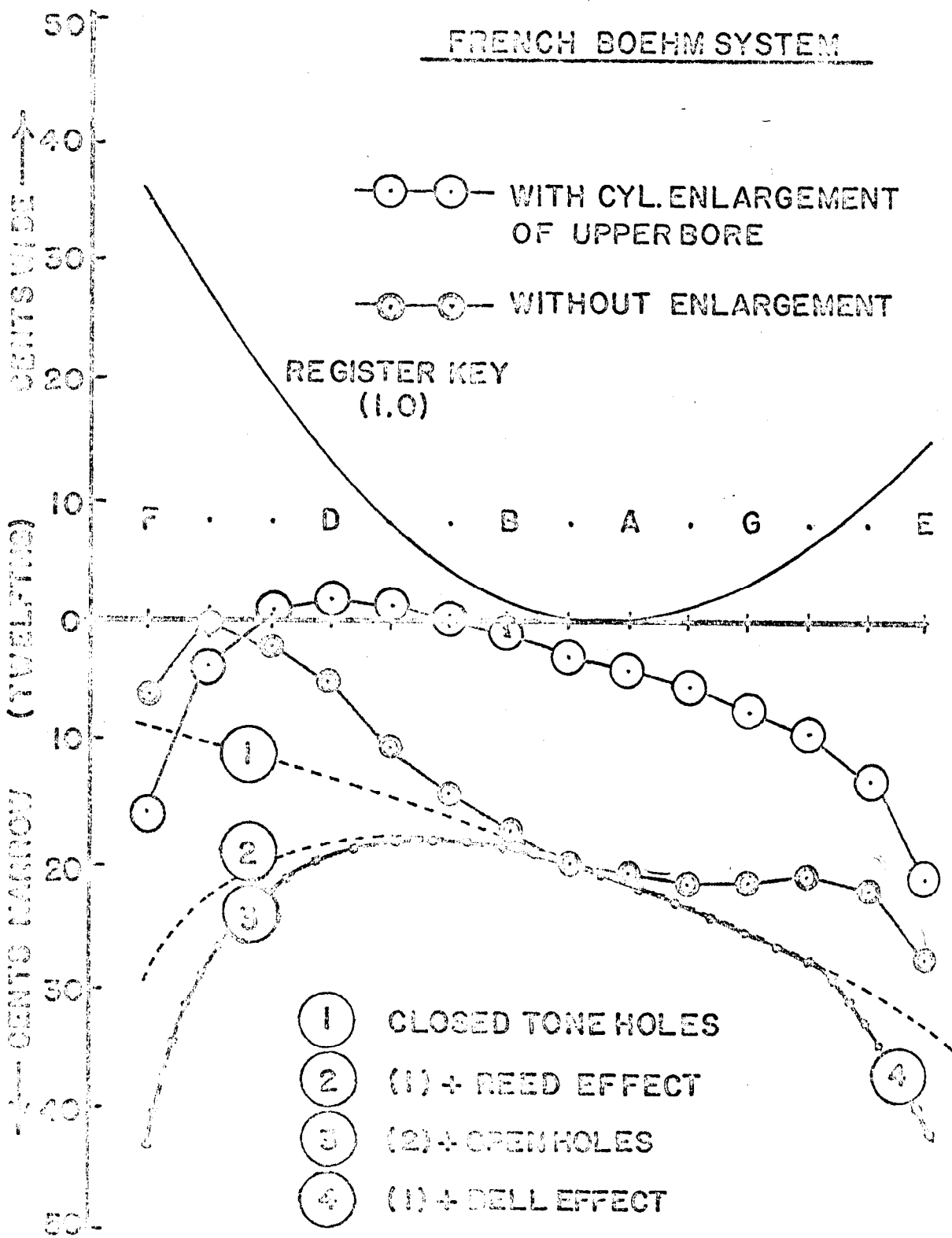
HIGH-FREQ COMPONENTS

~ ISOTROPIC

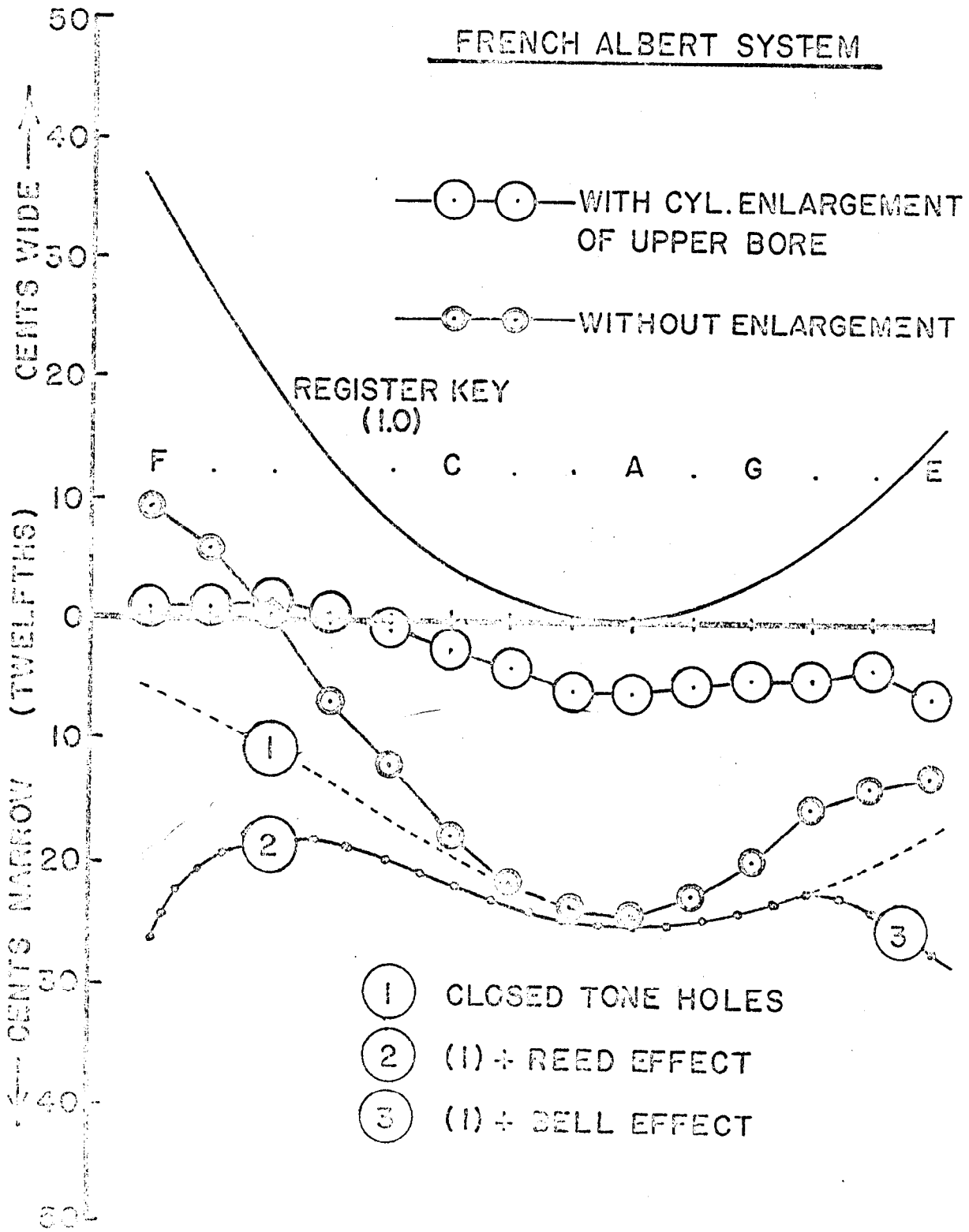
~ "CONICAL"

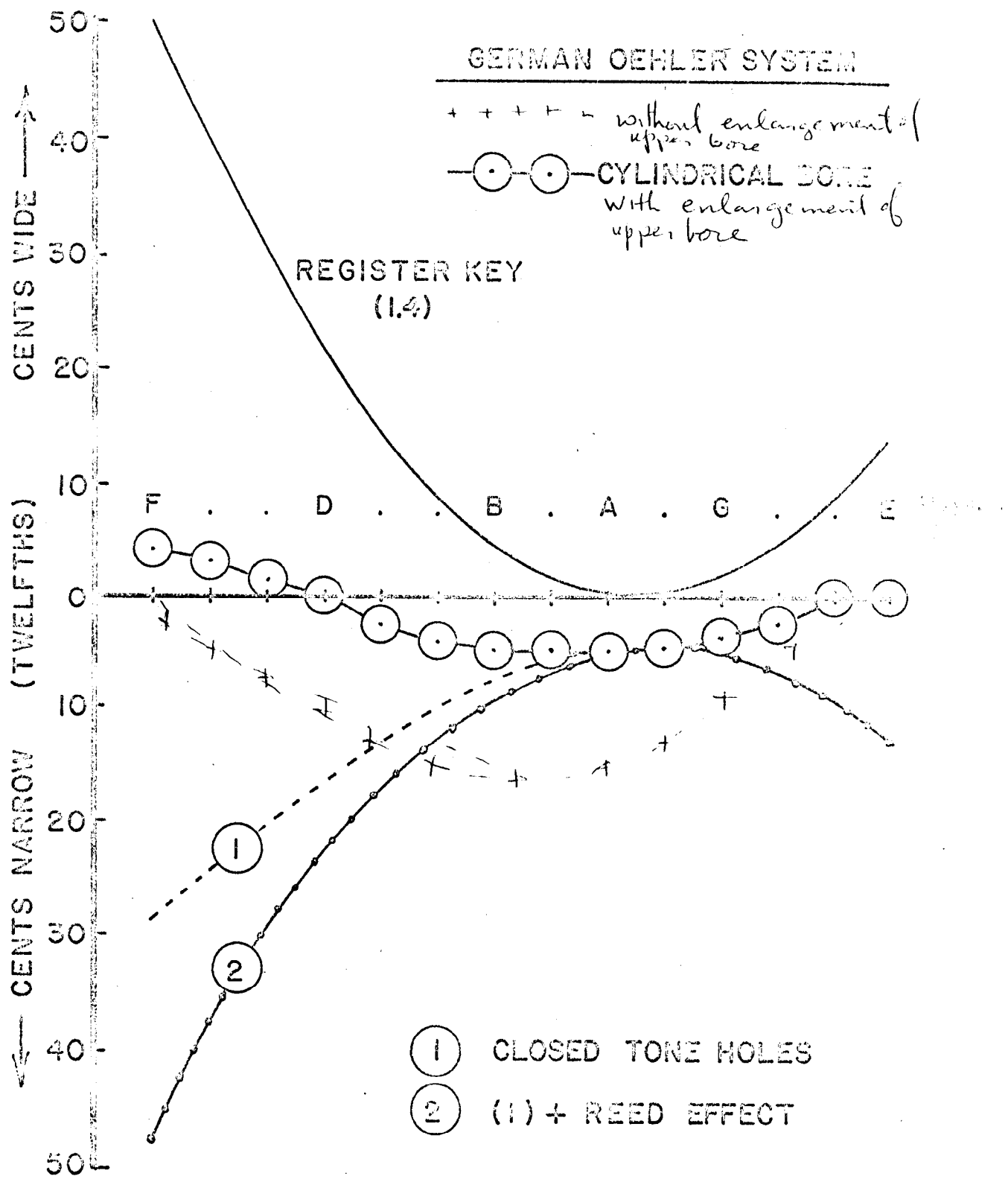


FRENCH BOEHM SYSTEM



FRENCH ALBERT SYSTEM

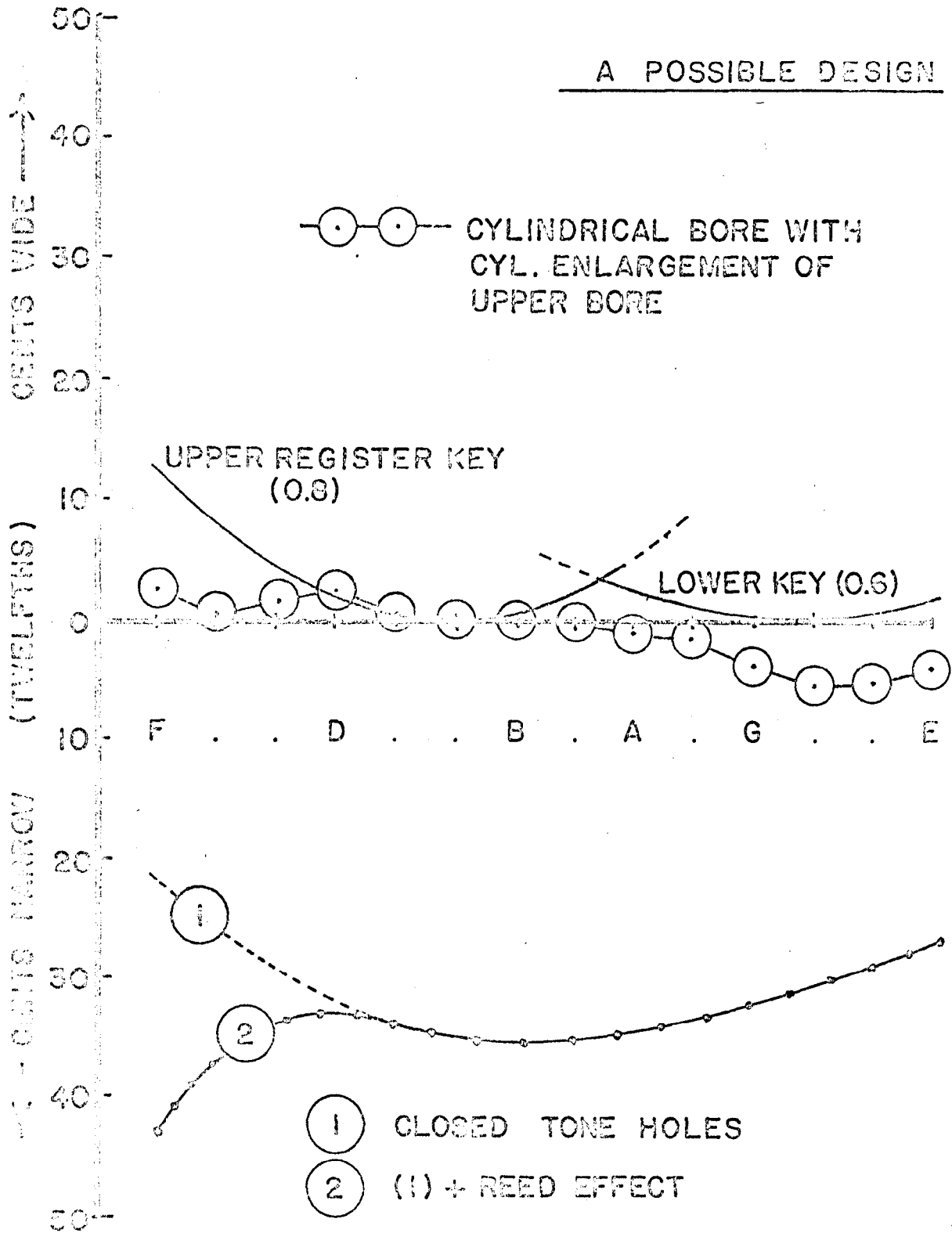




CENTS WIDE (TWELFTHS)

CENTS NARROW

A POSSIBLE DESIGN



LOST GAME PLAY

"Take my tip," you say to him, "and study this little book by Z. It's worth a dozen practice games. Don't take another practice shot till you've mastered the first twelve chapters. Then make up your mind to put into execution what you've learnt. Even if it means losing a game or two."

*Use of Bookmanism in Opponent's Putt-Play.*

I am supposed to be something of a fanatic in the use of Bookmanism where Golf is concerned. I have collected a small library of books on the different aspects of the game. The book I select for lending is determined when I have decided which aspect of my winning opponent's play it is most advisable to undermine. But, in general, all "golfgamesers" are agreed that "the putt is the thing to go for". "ANALYSE YOUR OPPONENT'S PUTTING" is the Golden Rule. Ask him what muscles he brings into play, and from what part of the body the "sequence of muscular response" begins. To deal with opponents who say that they "aren't aware of using any muscles in particular", O.G.A. are issuing the accompanying diagram-leaflet, with instructions on how to present it. (See opposite.)

BOOKMANISM

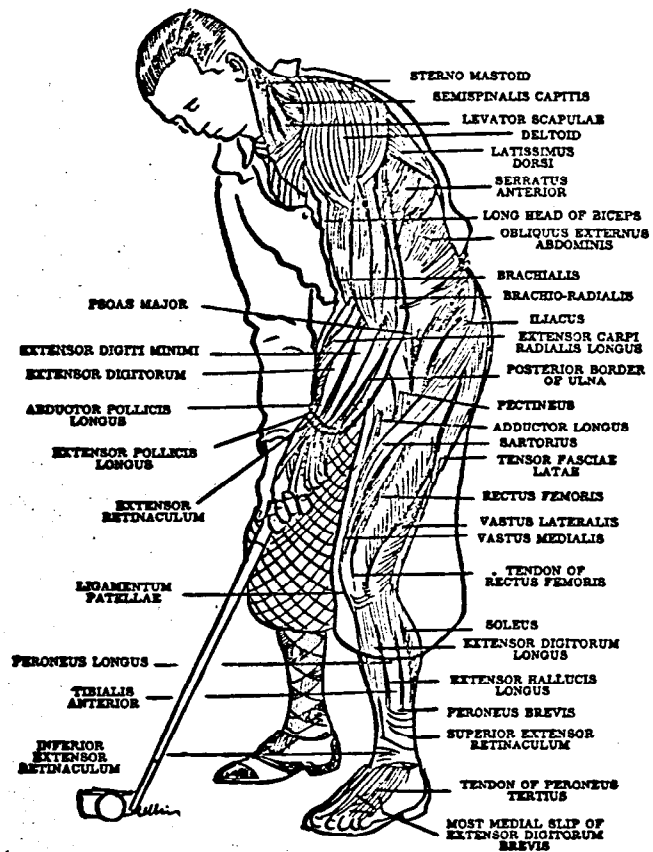


FIG. 15.—IMPORTANT: This illustration, taken from p. 472 of Weil's *Primer of Putting*, should not be shown to opponent until the third week.