

9/13

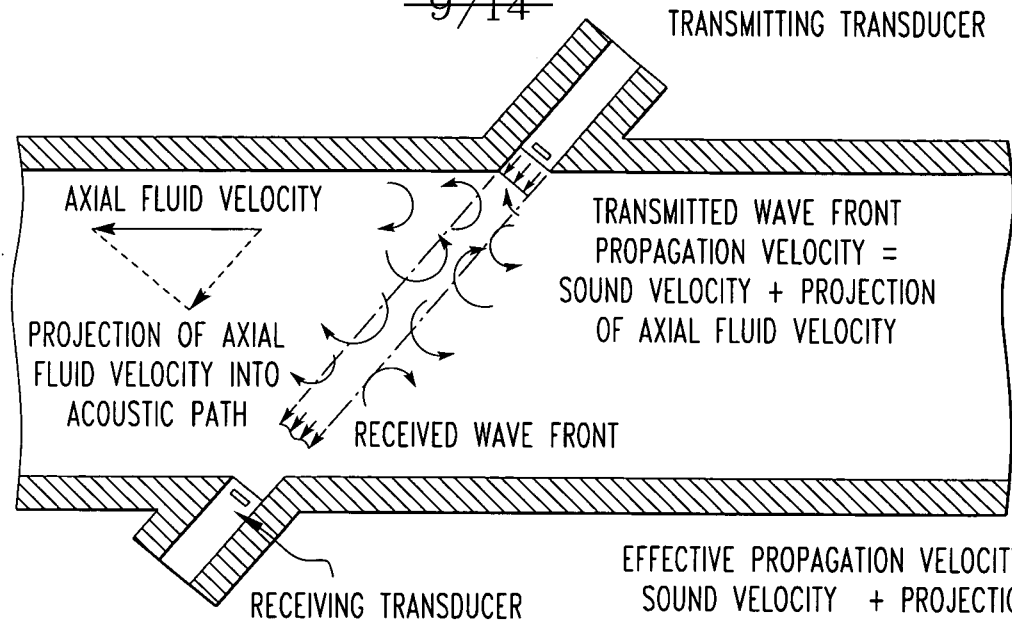
~~9/14~~

FIG. 5A

EFFECTIVE PROPAGATION VELOCITY =
SOUND VELOCITY + PROJECTION
OF AXIAL FLUID VELOCITY
± NET VELOCITY CONTROL BUTTON
OF TURBULENT EDDIES

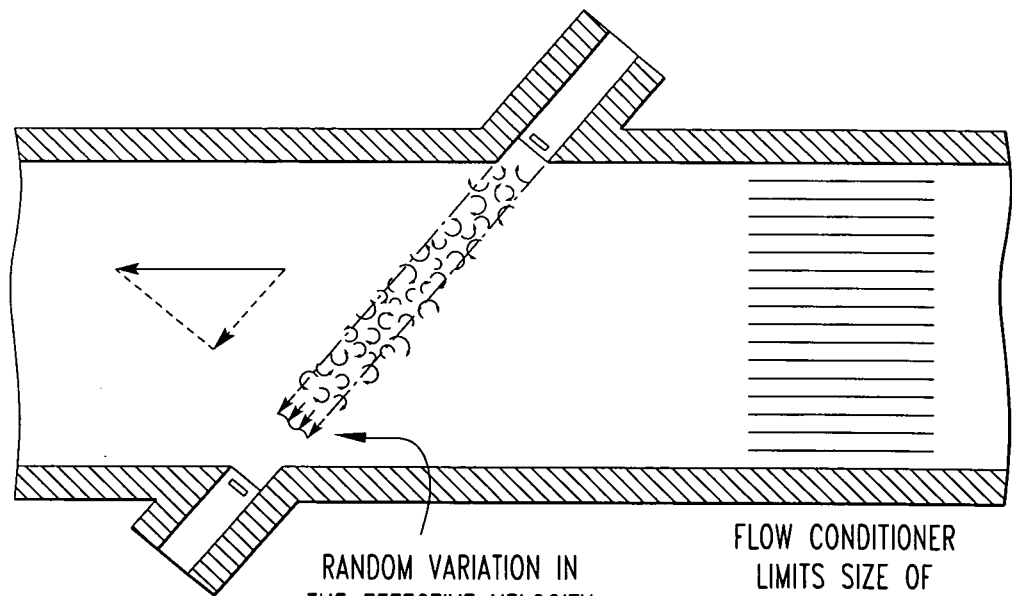


FIG. 5B

RANDOM VARIATION IN
THE EFFECTIVE VELOCITY
OF THE RECEIVED WAVE FRONT
MUCH REDUCED BECAUSE
EDDY VELOCITIES ARE
AVERAGED WITHIN THE
ACOUSTIC BEAM