

ABSTRACT OF DISCLOSURE

An air-pulse generating device includes a film structure including a flap pair. The flap pair includes a first flap and a second flap opposite to each other. The flap pair operates at an ultrasonic frequency, such that the air-pulse generating device produces a plurality of air pulses at an ultrasonic pulse rate. The flap pair possesses an initial deflection difference or exhibits an average displacement difference between the first flap and the second flap.

(FIG. 5)