

THIS SHEET HAS BEEN
REPLACED

MUSICAL TONE SIGNAL SYNTHESIZER

ABSTRACT:

A musical tone signal synthesizer wherein a first waveform signal of a frequency defined by first frequency information is produced as a modulation signal, a second waveform signal indicative of a windowing function is produced at a cycle defined by second frequency information and a third waveform signal starting from a predetermined phase at each cycle of the second waveform signal is repeatedly produced at a shorter cycle than that of the second waveform signal, and wherein the second and third waveform signals are modulated by the first waveform signal and multiplied to produce a fourth waveform signal as a musical tone signal having a fixed formant characteristic comprised of a plurality of formants.

Figure 1

This Sheet Has Been Replaced

