

ABSTRACT OF THE DISCLOSURE

5 A headphone reproducing apparatus creates a virtual
sound. A listener feels as if a sound came from a virtual
sound source that imaginarily exists in a space apart from
the listener. A delay circuit delays a first-channel input
audio signal and a second-channel input audio signal by
predetermined delay times. A low-pass filter changes
frequency characteristics of the first- and second-channel
10 input signals to predetermined frequency characteristics.
A multiplier changes sound levels of the first- and second-
channel input audio signals to predetermined sound levels.
The delay circuit, low-pass filter, and multiplier are
connected in series to each other. A headphone reproduces
15 the first- and second-channel input signals processed by
the delay circuit, low-pass filter, and multiplier as the
sound that comes from the virtual sound source.

This Sheet Has Been Replaced

