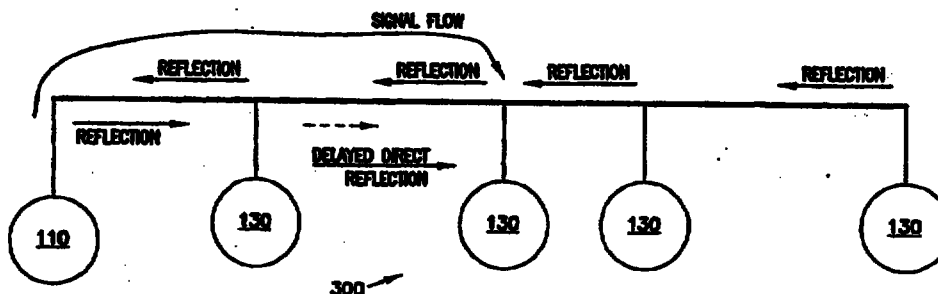




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(54) Title: ECHO REDUCTION ON BIT-SERIAL, MULTI-DROP BUS



(57) Abstract

Methods of active echo reduction on a multi-drop bus utilizing devices of dynamically-variable impedance, wherein non-signaling intermediate devices are placed in a high-impedance state while all remaining devices are matched to the characteristic impedance of the multi-drop bus. Devices of dynamically-variable impedance capable of implementing methods of active echo reduction on a multi-drop bus are included, as well as systems incorporating such devices.