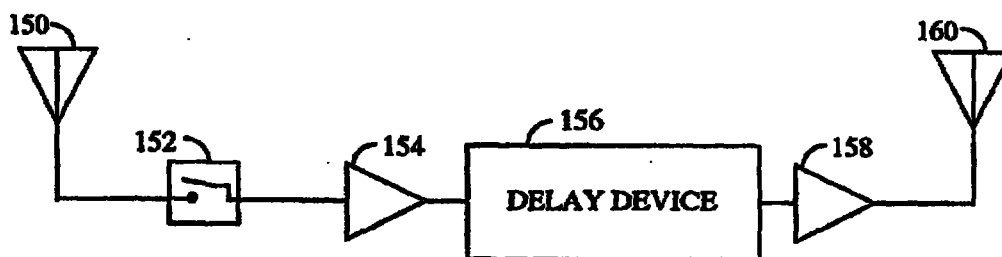


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(54) Title: **TIME DIVISION DUPLEX REPEATER FOR USE IN A CDMA SYSTEM**

(57) Abstract

A method and apparatus for time division duplex (TDD) repeating a spread spectrum signal, said spread spectrum signal comprised of a series of code symbol modulated with a pseudonoise (PN) sequence. The TDD repeater receives intermittently the spread spectrum signal at a location remote from a source supplying the spread spectrum signal. The TDD repeater amplifies and delays the received spread spectrum signal by a predetermined amount. The TDD repeater transmits intermittently the delayed amplified received spread spectrum signal such that the TDD is not receiving the spread spectrum signal when it is transmitting the signal energy.