

**ABSTRACT OF THE DISCLOSURE****BRANCH TRANSMISSION LINE, BRANCH LINE DRIVER, AND  
SEMICONDUCTOR TEST SYSTEM USING SAME**

A transmission line connected to two branch lines and having means for decreasing unwanted ringing or vibration on a signal transmitted to receiving points. The transmission line is formed of a first transmission line where one end of which is connected to a first receiver terminal and the other end of which is connected to a connection point, a second transmission line where one end of which is connected to a second receiver terminal and the other end of which is connected to the connection point, a third transmission line where one end of which is connected to a signal source through a series termination resistor and the other end of which is connected to the connection point, a waveform improvement unit connected to the first and second receiver terminals for forming a closed loop including the first and second transmission lines and the waveform improvement unit, where characteristic impedance of the first and second transmission lines is twice as much as that of the third transmission line.

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This Sheet Has Been Replaced

