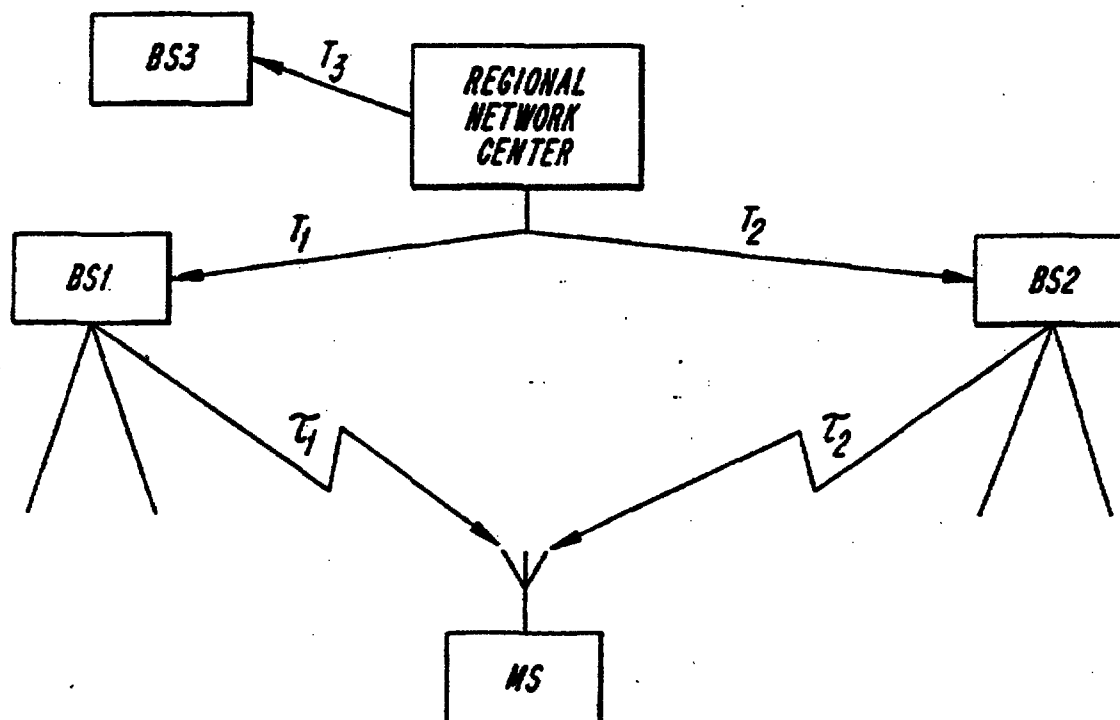


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This Sheet Has Been Replaced

**(54) Title:** TIME ALIGNMENT OF TRANSMISSION IN A DOWN-LINK OF A CDMA SYSTEM**(57) Abstract**

A mobile station can be connected to more than one base station in a procedure known as macro-diversity. In order to synchronize the signals for a specific cellular call connection, the time difference between the connected base station's signal and a macro-diversity candidate base station's signal is measured by a mobile station. This measurement is then transmitted to the network. The measurements can be used to achieve synchronization by means of frame staggering.