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In using CDMA communications, the frequency spectrum can be reused multiple times permitting an increase in system user capacity.

In the CDMA cellular system, each base station
5 provides coverage to a limited geographic area and links the remote units in its coverage area through a cellular system switch to the public switched telephone network (PSTN).
When a remote unit moves to the coverage area of a new base station, the routing of that user's call is transferred to
10 the new base station. The base station-to-remote unit signal transmission path is referred to as the

