

ABSTRACT OF THE DISCLOSURE

**TITLE OF INVENTION: A MOBILE UNIT COMMUNICATION
APPARATUS**

The mobile unit communication (comm) apparatus, comprises: the wireless comm portion for communicating with a network via one of at least 1st and 2nd base stations respectively having 1st and 2nd service areas, partially overlapping each other, through 1st and 2nd radio wave signals having TDMA/TDD formats; a 1st detection step for detecting a condition (cond) of 1st radio wave signal (sig) at the wireless comm portion during comm; a comparing step for comparing the cond with a reference; the adjacent base station (sta) monitor (mon) portion for operating the wireless comm portion to communicate with the 2nd base sta and effecting a 1st synchronizing (sync) operation (op) with the base sta through the wireless comm portion for a given interval according to the result of comparing step; the communicating base sta re-sync mon portion for operating the wireless comm portion to communicate with the 1st base sta and effecting a 2nd sync op with the 1st base station through the wireless comm portion; and the mon controlling portion for alternately operating the adjacent (2nd) base sta mon portion and the comm base sta re-sync portion until either of the 1st or 2nd sync op is succeed to continue the comm with the network which was established by the 1st base sta via either of the 1st or 2nd base station.

Figure 1A