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(54) **SYSTEM AND METHOD UTILIZING  
DYNAMIC BEAM FORMING FOR  
WIRELESS COMMUNICATION SIGNALS**

**Related U.S. Application Data**

(63) Continuation of application No. 10/305,595, filed on Nov. 27, 2002, now Pat. No. 6,999,795.

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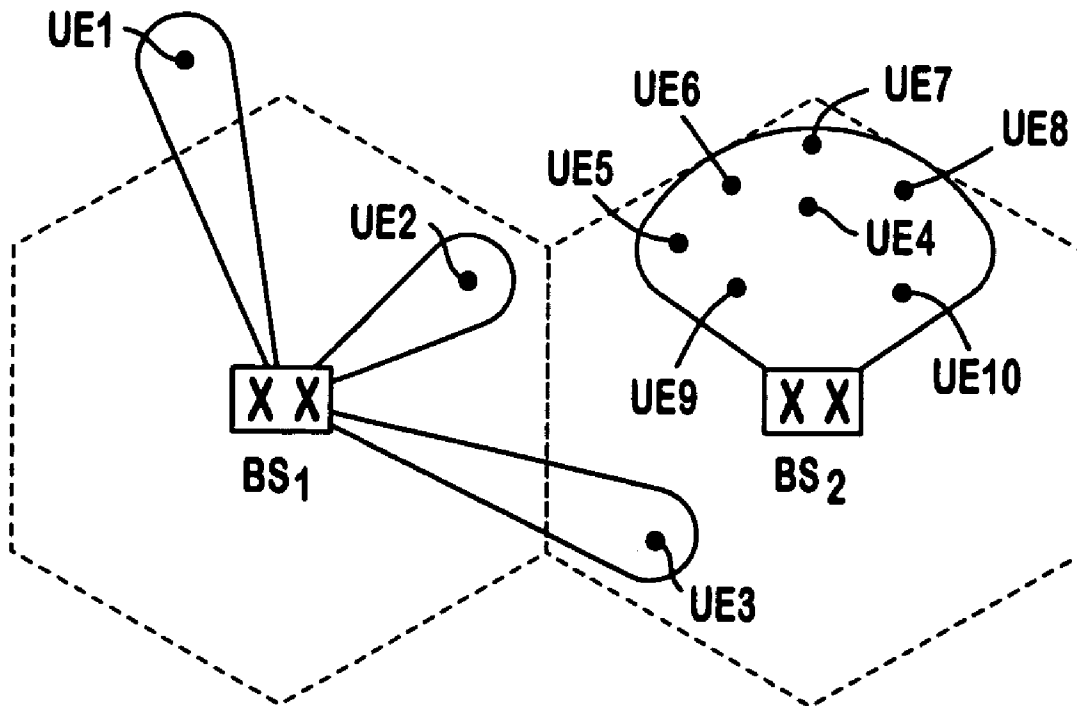
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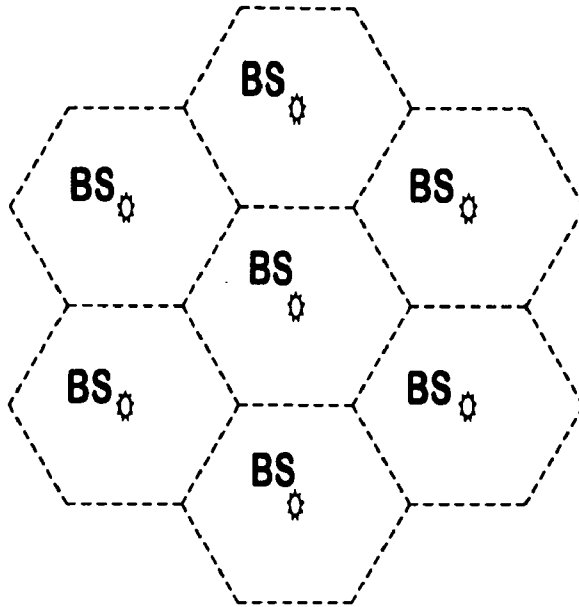
(57) **ABSTRACT**

(21) Appl. No.: **11/315,452**

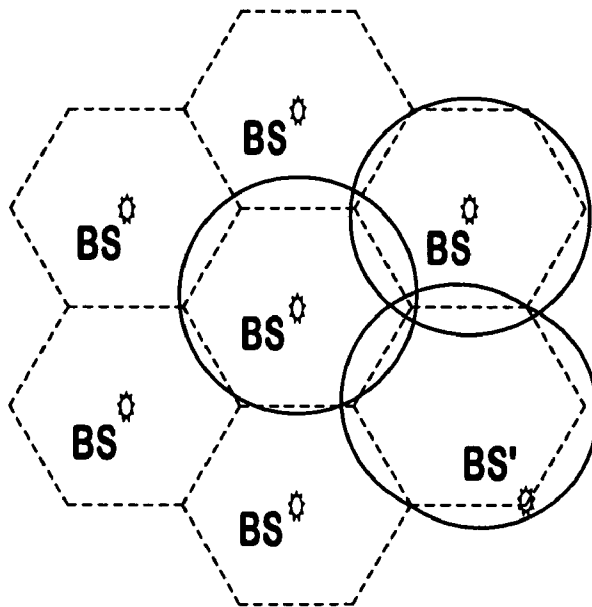
The present invention relates to a method and system using dynamic beam forming for wireless communication signals in a wireless network. Base stations and/or UEs are provided with antenna systems having a range of beam forming selections. Relative base station and UE locations are one type of criteria used to make beam forming decisions.

(22) Filed: **Dec. 22, 2005**





**FIG. 1 A**  
(PRIOR ART)



**FIG. 1 B**  
(PRIOR ART)

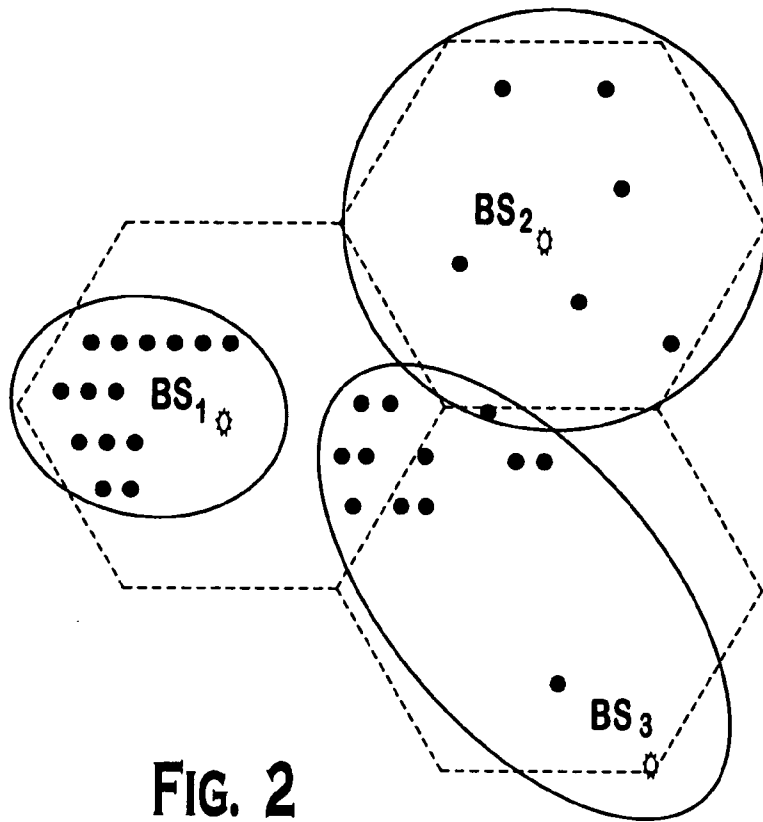


FIG. 2

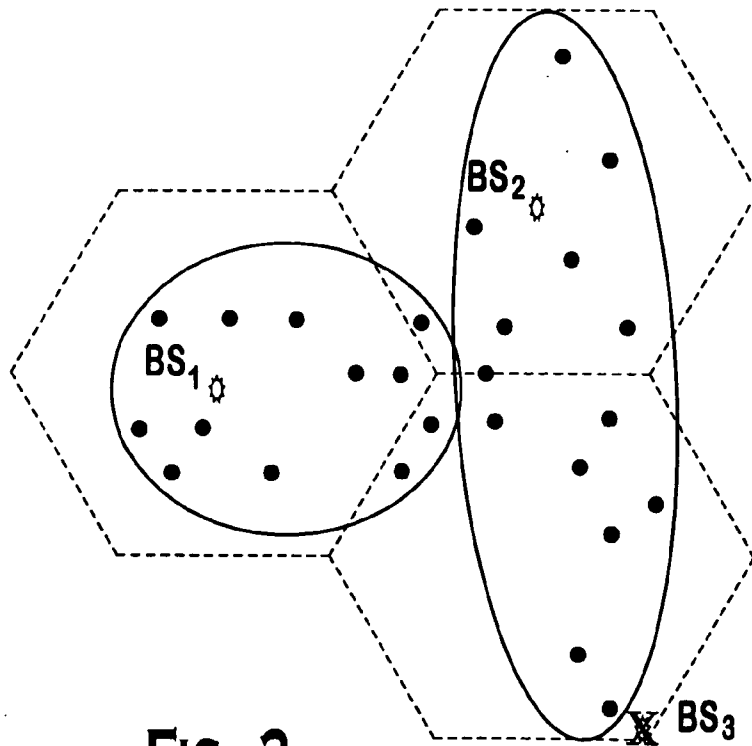


FIG. 3

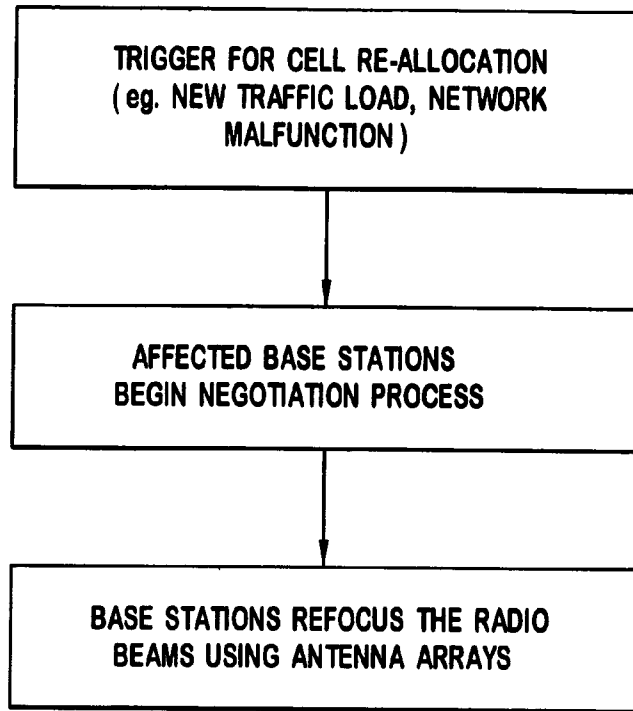


FIG. 4

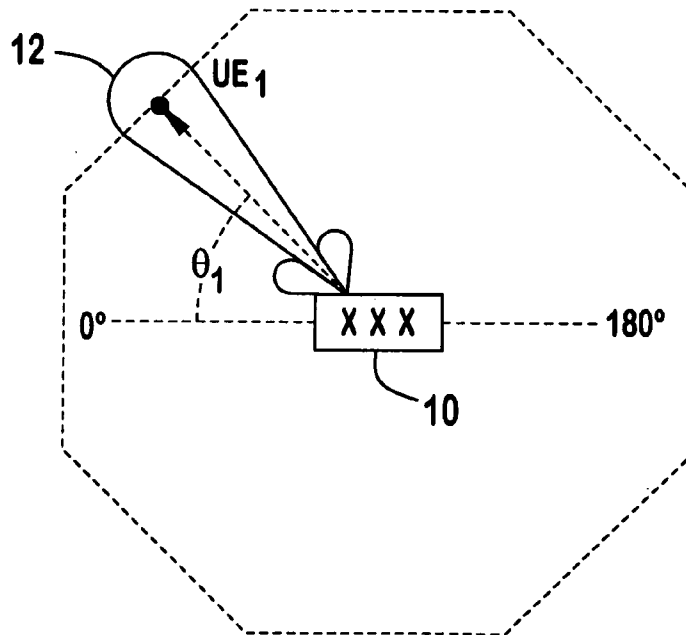


FIG. 5A

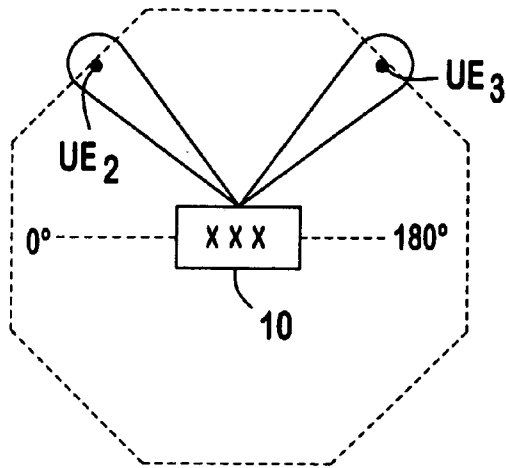


FIG. 5B

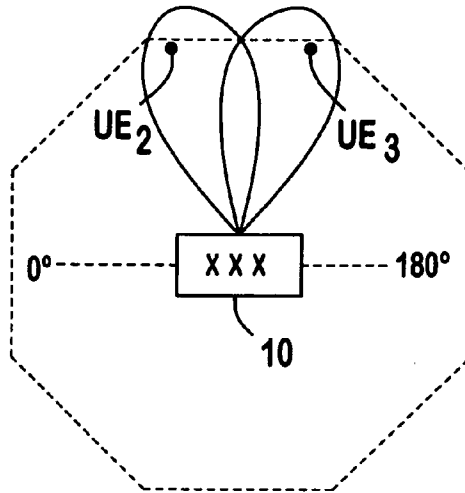


FIG. 5C

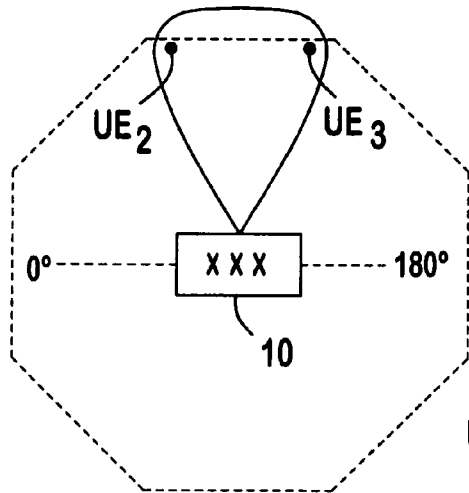


FIG. 5D

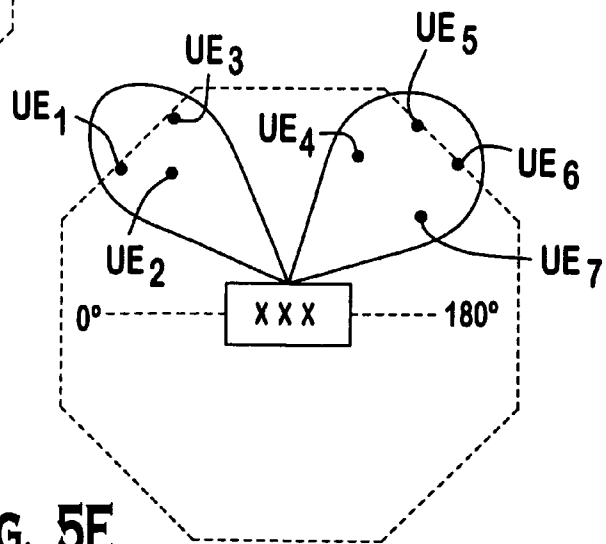


FIG. 5E

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