

(12) **United States Patent**  
**Park et al.**

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(54) **SYSTEM AND METHOD FOR DETERMINING POSITION INFORMATION USING CELL INFORMATION**

(58) **Field of Classification Search**  
CPC ..... H04W 64/00; H04W 64/003; G01S 19/13; G01S 19/48

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(57) **ABSTRACT**

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**G01S 19/00** (2010.01)  
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Disclosed is a location information determining method and system for providing a variety of services based on a location. The location information determining method includes receiving cell information; and determining location information that matches the cell information as location information of a mobile terminal from a location information database that stores location information that matches a plurality of pieces of cell information, respectively.

(52) **U.S. Cl.**  
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