

(54) Title of the invention : SYSTEM AND METHOD OF AUTOMATIC SWITCHING BETWEEN ANTENNAS FOR PROVIDING CONTINUOUS CELLULAR SIGNALS

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(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)AHUJA, Sachin</b>
(33) Name of priority country	:NA	<b>2)PANDA, Surya Narayan</b>
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## (57) Abstract :

The present disclosure relates to a continuous cellular signal provider device for providing a continuous cellular signal to mobile devices in a communication system. The device 300 includes a first receiver device 304, a microcontroller device 306, a first antenna 308 and a switching device 310. The first receiver device 304 receives a first cellular signal 302-1, 302- 2 302-N. The microcontroller device 306 coupled with the first receiver device 304. The microcontroller device 306 determines a first signal strength value associated with the first cellular signal received by the first receiver device. The first antenna 308 communicably coupled with the microcontroller device 306 and a switching device 310. The switching device 310 switches from the first antenna 308 to second antenna receiving a second cellular signal having a second signal strength value above the threshold signal strength value to provide the continuous cellular signal for mobile devices in communication system.



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