

पेटेंट कार्यालय  
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(51) International classification	:H04W0084180000, H04W0004380000, H04W0016180000, H04L0029080000, H04W0074080000	(71) <b>Name of Applicant :</b> <b>1)VISHAL AWASTHI</b> Address of Applicant :360 D-1, LAKHANPUR, VIKAS NAGAR, KANPUR-208024 (UTTAR PRADESH) Uttar Pradesh India
(31) Priority Document No	:NA	<b>2)ATUL KUMAR AGNIHOTRI</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)VISHAL AWASTHI</b>
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(57) Abstract :

A Wireless Sensor Network is a collection of sensor nodes organized in a co-operative way. In a sensor node each node has a sensing, communication and computational capabilities. Sensor can be deployed throughout physical space, providing dense sensing quite close to physical phenomena. In this work we take into account realistic consideration of the probability density of events to be sensed, termed as event driven coverage. In this work, a model has been designed for the sensor deployment problem in a geographical area with a random (but not necessarily uniform) distribution of events to be sensed, and we address the question of what is an efficient way to distribute a given finite number of sensors in this area to reflect the expected sparseness or concentration of events.

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