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पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 044128335
SL No :



पेटेंट सं. / Patent No. : 362271
आवेदन सं. / Application No. : 5245/CHE/2012
फाइल करने की तारीख / Date of Filing : 17/12/2012
पेटेंटी / Patentee : VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING
AND TECHNOLOGY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित AN INTELLIGENT AND INTUITIVE SIGNALING SYSTEM FOR MOTOR VEHICLES TO MINIMIZE ROAD ACCIDENTS नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 17th day of December 2012 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled AN INTELLIGENT AND INTUITIVE SIGNALING SYSTEM FOR MOTOR VEHICLES TO MINIMIZE ROAD ACCIDENTS as disclosed in the above mentioned application for the term of 20 years from the 17th day of December 2012 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 20/03/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 17th day of December 2014 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 17th day of December 2014 and on the same day in every year thereafter.



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Department of Industrial Policy & Promotion,
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Application Details	
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APPLICANT NAME	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TITLE OF INVENTION	AN INTELLIGENT AND INTUITIVE SIGNALING SYSTEM FOR MOTOR VEHICLES TO MINIMIZE ROAD ACCIDENTS
FIELD OF INVENTION	COMMUNICATION
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Application Status

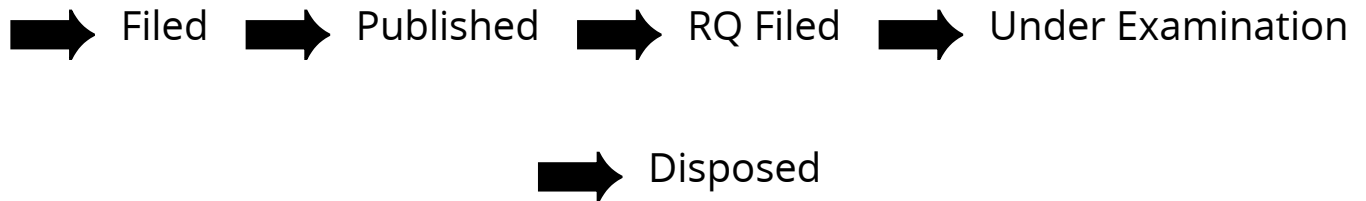
APPLICATION STATUS

**Granted Application, Patent Number
:362271**

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(51) International classification	:G08G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :BACHUPALLY, NIZAMPET (S.O),
(33) Name of priority country	:NA	HYDERABAD - 500 090 Andhra Pradesh India
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Filing Date	:NA	1)DR. C. DHANUNJAYA NAIDU
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(57) Abstract :

The invention relates to an Intelligent and Intuitive Signaling System for motor vehicles to minimize road accidents comprising: a transmitter module located on the dashboard of a vehicle, and consisting of a control panel having a plurality of switches to indicate intended action of vehicle driver, a microcontroller receiving the indicated instructions data from the control panel, an encoder encoding the outputted data from the microcontroller and at least one RF-transmitter transmitting the encoded data wirelessly, wherein a magnetic compass module is embedded on the dash board to monitor the vehicle rotation through + 90° for right and left turn and ± 180° for right U-turn or left U-turn; and a receiver module receiving the transmitted encoded data from the transmitter module, the receiver module essentially consisting of a RF-receiver, a decoder to decode the encoded data, a microcontroller receiving the decoded data to activate a plurality of LED-drivers which in turn display the corresponding signal pattern on a panel of LED-matrices.

No. of Pages : 12 No. of Claims : 4