

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041026105 A

(19) INDIA

(22) Date of filing of Application :21/06/2020

(43) Publication Date : 10/07/2020

(54) Title of the invention : A LOW-COST 4G SMART PHONE DETECTOR AND JAMMER SYSTEM GSM - 900 MHZ AND 1800 MHZ FOR USING MATLAB SIMULINK

	<p>(71)Name of Applicant :</p> <p>1)Dr. G.Rajeshkumar Address of Applicant :Associate Professor Department of Information Technology, Karpagam College of Engineering, Myleripalayam Village, Othakkal Mandapam (PO), Coimbatore - 641032, Tamil Nadu, India Tamil Nadu India</p> <p>2)Dr.S.Sadesh 3)Dr.S.Gokulraj 4)Dr. R.Venkatesan 5)Mrs. T.Priyadarsini 6)Dr. Pankaj Dadheech 7)Dr. Hitesh Joshi 8)Mr. Rajesh Rajaan 9)Dr. Sanwta Ram Dogiwal 10)Mr. Sudhir Kumar 11)Dr.S.Sudhakar</p> <p>(72)Name of Inventor :</p> <p>1)Dr. G.Rajeshkumar 2)Dr.S.Sadesh 3)Dr.S.Gokulraj 4)Dr. R.Venkatesan 5)Mrs. T.Priyadarsini 6)Dr. Pankaj Dadheech 7)Dr. Hitesh Joshi 8)Mr. Rajesh Rajaan 9)Dr. Sanwta Ram Dogiwal 10)Mr. Sudhir Kumar 11)Dr.S.Sudhakar</p>
(51) International classification	:H04K 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition in Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(57) Abstract :

This study presents the design, execution, and design testing. This invention introduced the first section of the device due to the limitations of the rest of the necessary components. However, the design and calculations were measured to complete the design. When correctly manufactured, the design is capable of simultaneously interfering with the GSM 900 and 1800 and thus jamming the three famous companies in India. This idea deals with the design and execution of the Denial of Service technique of the low-cost cellular phone detection system. The mobile phone detector is an RF-based sensor that monitors nearby RF activity. The Jammer generates an RF signal at the same frequency used with modulated noise with a power higher than that of the original signal by the communications carriers. This article presents an effective intelligent jammer design for jamming 4 G signals, especially band 3 and 40, which can be utilized primarily in India. Even though mobile phones are kept quiet, the circuit detects voice calls, message service, and video service. In any field in which the cell phone rings frequently cause nuisance, our GSM jamming system provides a cost-effective solution.

No. of Pages : 17 No. of Claims : 4



Controller General of Patents, Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041026105
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/06/2020
APPLICANT NAME	1 . Dr. G.Rajeshkumar 2 . Dr.S.Sadesh 3 . Dr.S.Gokulraj 4 . Dr. R.Venkatesan 5 . Mrs. T.Priyadarsini 6 . Dr. Pankaj Dadheech 7 . Dr. Hitesh Joshi 8 . Mr. Rajesh Rajaan 9 . Dr. Sanwta Ram Dogiwal 10 . Mr. Sudhir Kumar 11 . Dr.S.Sudhakar
TITLE OF INVENTION	A LOW-COST 4G SMART PHONE DETECTOR AND JAMMER SYSTEM GSM - 900 MHZ AND 1800 MHZ FOR USING MATLAB SIMULINK
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	grajesh.grk@gmail.com
ADDITIONAL-EMAIL (As Per Record)	grajesh.grk@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/07/2020

Application Status

[View Documents](#)