(19) INDIA

(51) International

(86) International

(87) International

Publication No

Filing Date

Application Number

Filing Date (62) Divisional to

Application Number

Filing Date

(61) Patent of Addition to

Application No

classification

(22) Date of filing of Application: 18/02/2023 (43) Publication Date: 17/03/2023

(54) Title of the invention: Horn Indicator and Ambulance, Police Indicator for Deaf.

:A61G 010200, A61G 010560, A61G

030000, A61G 030800, G09B 210000

:PCT//

: NA

:NA

:NA

:NA

:NA

:01/01/1900

(71)Name of Applicant:

1)Dr. S.Dhivya

Address of Applicant: Assistant Professor, Department of ECE, Sri Manakula Vinayagar Engineering College, Madagadipet,

Puducherry - 605107 Madagadipet -----

2)Dr.P.Raja

Name of Applicant: NA Address of Applicant: NA (72)Name of Inventor:

1)Dr. S.Dhivya

Address of Applicant : Assistant Professor, Department of ECE, Sri Manakula Vinayagar Engineering College, Madagadipet,

Puducherry - 605107 Madagadipet -----

2)Dr.P.Raja

Address of Applicant : Professor, Department of ECE, Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry - 605107 Madagadipet -----

3)Ms.R.Priva

Address of Applicant : Assistant Professor, Department of ECE, Sri Manakula Vinayagar Engineering College, Madagadipet,

Puducherry - 605107 Madagadipet -----

4)M.Mohamed Riyaif

Address of Applicant :Department of ECE, Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry -

605107 Madagadipet -----

5)Mr.K.Jambulingam

Address of Applicant : Assistant Professor, Department of ECE, Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry - 605107 Madagadipet -----

6)Dr.B.Sudhakar

Address of Applicant: Assistant Professor, Department of ECE, Annamalai University, Chidambaram -608002, Tamilnadu

chidambaram -----

(57) Abstract:

ABSTRACT [500] Our Invention "Horn Indicator and Ambulance, Police Indicator for Deaf" is a Worldwide, deaf people are allowed to drive. However, as many people wonder, deaf people cannot hear audible cues such as a police siren, an ambulance needing the right of way, or even a honking horn. Deaf people say they simply pay attention to visual cues, such as the flashing lights, but honking horns do not have visual cues. For the safety of deaf people and to reduce the discrimination of society about deaf people driving, need of a device that will alert a deaf driver and also, indicate where the sound is coming is noticed. To build a desired device, the Arduino Uno board is to be used as a microcontroller to acquire the sound signal.

No. of Pages: 11 No. of Claims: 6