(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2020

(21) Application No.202031024135 A
(43) Publication Date : 09/10/2020

(54) Title of the invention : AI BASED METHOD AND APPARATUS FOR STAMPING DRIVING ASSISTANCE BASED SIGNS ON A ROAD

(51) International classification	:G05D0001000000, G05D0001020000, G06N0003080000, G08G0001096700, G06N0003040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
An artificial intelligence based apparatus and method for stamping driving assistance based signs on a road is provided. The apparatus and method includes controlling operation of a gun to print a plurality of pre-stored signs to be printed on the road based on artificial intelligence. The AI based apparatus continually learns the road conditions and road surface parameters details so that when the gun operates autonomously it can imitate the same movements executed by the gun in the past to select the at least one sign from a plurality of pre-stored signs to be printed on the road based the surface area of the road, compute the dimensional parameters of surface, presence of cracks, bumps on the road. The artificial intelligence-electronic control unit can include current mobile technology, fuzzy logic and neural networks that enable the drone to learn automatic selection of the type of sign to be printed based on the road conditions.

No. of Pages : 27 No. of Claims : 10