पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 14/2021	शुक्रवार	दिनांक: 02/04/2021
ISSUE NO. 14/2021	FRIDAY	DATE: 02/04/2021

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2021

(21) Application No.202111012748 A
(43) Publication Date : 02/04/2021

(54) Title of the invention : OBJECT IDENTIFICATION SYSTEM FOR BLIND PEOPLE

(51) International classification	:G06K0009000000, G06K0009620000, G06K0009460000, G06K0009200000, A61F0009080000
(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

(71)**Name of Applicant :**
1)Dr. Sreelatha P
Address of Applicant :Associate Professor, Department of Biomedical Engineering, KPR Institute of Engineering and Technology, Arasur, Tamil Nadu, India Pin: 641407 Tamil Nadu India
2)Dr. K. Hussain
3)Dr. Josephine Selvi Balamourougane
4)Dr. P. Iyappan
5)Dr. Tasneem Bano Rehman
6)Dr. Ravichandran Krishamoorthy
7)Dr. S. Chandra Sekaran
8)Mr. Vishal Ravichandran
9)Dr. T. Subramani
10)Dr. C. Bala Subramanian
(72)**Name of Inventor :**
1)Dr. Sreelatha P
2)Dr. K. Hussain
3)Dr. Josephine Selvi Balamourougane
4)Dr. P. Iyappan
5)Dr. Tasneem Bano Rehman
6)Dr. Ravichandran Krishamoorthy
7)Dr. S. Chandra Sekaran
8)Mr. Vishal Ravichandran
9)Dr. T. Subramani
10)Dr. C. Bala Subramanian

(57) Abstract :
The present disclosure is related to the object Identification System which will be helpful for the Blind People. Eye is one of the most wanted human sense organ, and it plays a critical part in human understanding of the surroundings. As a result, thousands of articles have been written on these topics, proposing a wide range of machine vision products and programs for the creation of modern technological aids for the blind. The aim of this invention is to present a suggested system for restoring a core feature. The invention proposes a visual replacement method for blind people dependent on object detection in a video scene in this innovation. For target recognition, this invention employs SIFTS key point extraction and feature matching. The experimental results show that the proposed invention works well in identifying the objects in the video.

No. of Pages : 15 No. of Claims : 5