पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 40/2017	शुक्रवार	दिनांक: 06/10/2017
ISSUE NO. 40/2017	FRIDAY	DATE: 06/10/2017

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

6TH OCTOBER, 2017

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2016

(21) Application No.201641010977 A
(43) Publication Date : 06/10/2017

(54) Title of the invention : GESTURE RECOGNITION SYSTEM AND DEVICE WITH SIGN LANGUAGE TRANSLATION

(51) International classification	:G06F 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 to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)R.V. College of Engineering
Address of Applicant :Mysore Road, R. V. Vidyaniketan Post, Bangalore 560059, Karnataka, India. Karnataka India
(72)**Name of Inventor :**
1)Kendaganna Swamy S
2)Dewank Saxena
3)Ansul Jain
4)Shraddha Raj
5)Vishwas Ramachandra Katti

(57) Abstract :
ABSTRACT An embodiment of the present disclosure provide a gesture recognition and language translation device that comprises a first set of sensors generate first set of sensors signal representing set of bends, a second sensors to generate a second sensor signal representing a movement, wherein the set of bends and the movement forming a gestures, a display device to display at least a character in first language representing the gesture, a voice output module to play out a voice representing the gesture, a processor to covert the first set of sensors and the second sensor signal to the character in first language and the voice. Thus, the device displays the gestures and also plays out the corresponding voice simultaneously for ease of communication.

No. of Pages : 16 No. of Claims : 8