

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

---

---

निर्गमन सं. 19/2021  
ISSUE NO. 19/2021

शुक्रवार  
**FRIDAY**

दिनांक: 07/05/2021  
DATE: 07/05/2021

---

---

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 01<sup>st</sup> 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.

**( Shri Rajendra Ratnoo )**  
**CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

**7<sup>TH</sup> MAY, 2021**

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR PROCESSING AND SORTING WORDS WITH RENDERING PLURALITY IN A REGIONAL LANGUAGE

(51) International classification	:G06F0017280000, G06F0017270000, G06F0017220000, G06F0017210000, H01L0041113000	(71)Name of Applicant : <b>1)R.V. College of Engineering</b> Address of Applicant :R. V. Vidyaniketan Post, Mysore Road, Bangalore 560059 Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)Rajashékara Murthy S</b>
(32) Priority Date	:NA	<b>2)Ramakanthkumar P</b>
(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	

(57) Abstract :

METHOD, SYSTEM AND DEVICE FOR PROCESSING AND SORTING WORDS WITH RENDERING PLURALITY IN A REGIONAL LANGUAGE ABSTRACT A method (300) of sorting plurality of words in a regional language comprising providing (302) an input string with plurality of words in a first language, detecting (304) the first language of the plurality of words in the input string, fetching (306) characters from each word in the plurality of words, transforming (308) the characters into an intermediate form by determining speech patterns and representing them in a second language, sorting (310) the plurality of words in the intermediate form represented in the second language, converting (312) the intermediate forms of the sorted words in the second language to their original form in the first language and obtaining (314) the sorted list of words in at least one of ascending or descending order, wherein the first language of the words in the input string is any known regional language while the second language in which the intermediate forms are represented is by characters in English alphabet.

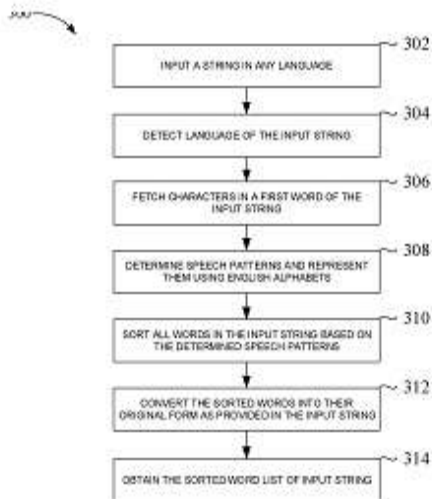


FIG. 3A