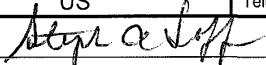


Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No. 149369-00103	
		First Named Inventor Mark Catchpole	
		Title	SPEECH RECOGNITION CIRCUIT USING PARALLEL PROCESSORS
		Priority Mail Express® Label No.	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
<p>1. <input type="checkbox"/> Fee Transmittal Form (PTO/SB/17 or equivalent)</p> <p>2. <input checked="" type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27</p> <p>3. <input type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Applicant must attach form PTO/SB/15A or B or equivalent.</p> <p>4. <input checked="" type="checkbox"/> Specification [Total Pages <u>19</u>] Both the claims and abstract must start on a new page. (See MPEP § 608.01(a) for information on the preferred arrangement)</p> <p>5. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>6</u>]</p> <p>6. Inventor's Oath or Declaration [Total Pages <u>1</u>] (including substitute statements under 37 CFR 1.64 and assignments serving as an oath or declaration under 37 CFR 1.63(e))</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> A copy from a prior application (37 CFR 1.63(d))</p> <p>7. <input checked="" type="checkbox"/> Application Data Sheet * See note below. See 37 CFR 1.76 (PTO/AIA/14 or equivalent)</p> <p>8. CD-ROM or CD-R in duplicate, large table, or Computer Program (Appendix) <input type="checkbox"/> Landscape Table on CD</p> <p>9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, items a. - c. are required)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> Paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>		ACCOMPANYING APPLICATION PAPERS	
		<p>10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>Name of Assignee <input type="text"/></p> <p>11. <input type="checkbox"/> 37 CFR 3.73(c) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney</p> <p>12. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>13. <input checked="" type="checkbox"/> Information Disclosure Statement (PTO/SB/08 or PTO-1449) <input type="checkbox"/> Copies of citations attached</p> <p>14. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>15. <input type="checkbox"/> Return Receipt Postcard (MPEP § 503) (Should be specifically itemized)</p> <p>16. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>17. <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or equivalent.</p> <p>18. <input type="checkbox"/> Other: <input type="text"/></p>	
<p>*Note: (1) Benefit claims under 37 CFR 1.78 and foreign priority claims under 1.55 must be included in an Application Data Sheet (ADS). (2) For applications filed under 35 U.S.C. 111, the application must contain an ADS specifying the applicant if the applicant is an assignee, person to whom the inventor is under an obligation to assign, or person who otherwise shows sufficient proprietary interest in the matter. See 37 CFR 1.46(b).</p>			
19. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> The address associated with Customer Number: <u>24998</u> OR <input type="checkbox"/> Correspondence address below			
Name	Stephen A. Soffen BLANK ROME LLP		
Address	1825 Eye Street, NW		
City	Washington	State	DC
Country	US	Zip Code	20006-5403
	Telephone	(202) 420-2200	Email
Signature			Date
Name (Print/Type)	Stephen A. Soffen		February 4, 2019
	Registration No. (Attorney/Agent)	31,063	

149369.00101/117148002v.1

Application Data Sheet

Inventor Information

Inventor Number::	1
Given Name::	Mark
Family Name::	Catchpole
City of Residence::	Prickwillow
Country of Residence::	United Kingdom
Street of mailing address::	Malahax, Ely Road
City of mailing address::	Prickwillow
Country of mailing address::	United Kingdom
Postal or Zip Code of mailing address::	CB7 4UJ

Correspondence Information

Correspondence Customer Number::	24998
----------------------------------	-------

Application Information

Application Type::	Regular
Subject Matter::	Utility
CD-ROM or CD-R?::	None
Sequence submission?::	None
Computer Readable Form (CRF)?::	No
Title::	SPEECH RECOGNITION CIRCUIT USING PARALLEL PROCESSORS

Attorney Docket Number:: 149369-00103

Request for Early Publication?:: No

Request for Non-Publication?:: No

Total Drawing Sheets:: 6

Small Entity?:: Yes

Petition included?:: No

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2:: No

Representative Information

Representative Customer Number:: 24998

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Continuation of	15/392,396	12/28/2016
15/392,396	Continuation of	14/309,476 (now U.S. Patent No. 9,536,516)	06/19/2014
14/309,476	Continuation of	13/253,223 (now U.S. Patent No. 8,768,696)	10/05/2011
13/253,223	Continuation of	12/554,607 (now U.S. Patent No. 8,036,890)	09/04/2009
12/554,607	Continuation of	10/503,463 (now U.S. Patent No. 7,587,319)	05/24/2005
10/503,463	371 National Stage of	PCT/GB2003/000459	02/04/2003

Foreign Priority Information

Country	Application No.:	Filing Date:	Priority Claimed:
United Kingdom	0202546.8	02/04/2002	Yes

Applicant Information

Applicant Number:: 1
Applicant Type:: Assignee
Organization Name:: Zentian Limited
Street of mailing address:: 17 Paddock Row
Elsworth
City of mailing address:: Cambridge
Country of mailing address:: United Kingdom
Postal or Zip Code of mailing address:: CB23 4JG

Authorization or Opt-Out of Authorization to Permit Access

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.