506148434 07/10/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY C. HAWKINS	03/28/2018
MARCUS ANTHONY LEWIS	03/28/2018

RECEIVING PARTY DATA

Name:	NUMENTA, INC.	
Street Address:	791 MIDDLEFIELD ROAD	
City:	REDWOOD CITY	
State/Country:	CALIFORNIA	
Postal Code:	94063	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16912415

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	25172-46561/US	
NAME OF SUBMITTER: JAE YEON BAEK, REG. NO. 78,258		
SIGNATURE:	/Jae Yeon Baek/	
DATE SIGNED:	07/10/2020	

Total Attachments: 2

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PATENT 506148434 REEL: 053177 FRAME: 0004

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Numenta, Inc., a California Corporation, having a place of business at 791 Middlefield Road, Redwood City, CA 94063 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):PPLICATION"), and any patents issuing thereon ("PATENT RIGHTS"):
 - Application No. 15/934,795, entitled "Location Processor for Inferencing and Learning Based on Sensorimotor Input Data," filed on March 23, 2018, which claims priority from a provisional application, filed on March 24, 2017, now bearing U.S. Application No. 62/476,409 and provisional application, filed on October 6, 2017, now bearing U.S. Application No. 62/569,379.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

1 of 2

25172/39562/FW/10036428.1

Title:	Location Processor for Inferencing and Learning Based on	
	Sensorimotor Input Data	
Filed:	March 23, 2018	Attorney Docket #: 25172-39562/US
Application #:	15/934,795	

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature	Date of Signature (REQUIRED)
Jeffrey C. Hawkins	MMXH Z8, Z618
Name and Signature	Date of Signature (REQUIRED)
Marcus Co Lewis Marcus Anthony Lewis	2018-3-28