505167137 10/30/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATYANARAYANA LAKSHMIPATHI BILLA	10/29/2018
ABHISHEK DIKSHIT KUMAR	07/27/2018
YI-HUA EDWARD YANG	07/31/2018

RECEIVING PARTY DATA

Name:	FUNGIBLE, INC.
Street Address:	3201 SCOTT BLVD.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16035478

CORRESPONDENCE DATA

Fax Number: (651)735-1102

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.

Phone: 651-735-1100

Email: pairdocketing@ssiplaw.com **Correspondent Name:** SHUMAKER & SIEFFERT, P. A.

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ATTORNEY DOCKET NUMBER:	1242-022US01
NAME OF SUBMITTER:	JONATHON ACHEY
SIGNATURE:	/jonathon achey/
DATE SIGNED:	10/30/2018

Total Attachments: 4

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> **PATENT REEL: 047359 FRAME: 0813** 505167137

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PATENT REEL: 047359 FRAME: 0814 Attorney Docket No.: 1242-022US01

ASSIGNMENT

For valuable consideration, we, Satyanarayana Lakshmipathi Billa of 395 Ano Nuevo Avenue, #305, Sunnyvale, California 94085, Rajan Goval of 18385 Vanderbilt Drive, Saratoga, California 95070, Abhishek Kumar Dikshit of 4957 Conway Terrace, Fremont, California 94555, Yi-Hua Edward Yang of 1941 Half Pence Way, San Jose, California 95132, and Sandipkumar J. Ladhani of 10502 Floral Park Drive, Austin, Texas 78759, hereby assign to: Fungible, Inc., having a place of business at: 3201 Scott Blvd., Santa Clara, California 95054, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled INSTRUCTION-BASED NON-DETERMINISTIC FINITE STATE AUTOMATA ACCELERATOR, filed July 13, 2018 and assigned U.S. Serial Number 16/035,478; this assignment including said application, any provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: Oct 29, 2018	Satyensreyens Lakshmipsethi 888s (Cot.23, 2018)
	Satyanarayana Lakshmipathi Billa
Date:	Rajan Goyal
Date:	Abhishek Kumar Dikshit

Attorney Docket No.: 1242-022US01	
Date:	Yi-Hua Edward Yang
Date:	Sandipkumar J. Ladhani

Attorney Docket No.: 1242-022US01

ASSIGNMENT

For valuable consideration, we, Satyanarayana Lakshmipathi Billa of 395 Ano Nuevo Avenue, #305, Sunnyvale, California 94085, Rajan Goval of 18385 Vanderbilt Drive, Saratoga, California 95070, Abhishek Kumar Dikshit of 4957 Conway Terrace, Fremont, California 94555, Yi-Hua Edward Yang of 1941 Half Pence Way, San Jose, California 95132, and Sandipkumar J. Ladhani of 10502 Floral Park Drive, Austin, Texas 78759, hereby assign to: Fungible, Inc., having a place of business at: 3201 Scott Blvd., Santa Clara, California 95054, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled INSTRUCTION-BASED NON-DETERMINISTIC FINITE STATE AUTOMATA ACCELERATOR, filed July 13, 2018 and assigned U.S. Serial Number 16/035,478; this assignment including said application, any provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:	_
	Satyanarayana Lakshmipathi Billa
Date:	
· · · · · · · · · · · · · · · · · · ·	Rajan Goyal
Jul 27, 2018 Date:	Abits Constitute Oskabit (aud 27, 2018)
	Abhishek Kumar Dikshit

Jul 31, 2018 Date:	11-15-12 (Colors of Sarg (Sat Si, 2018)	
	Yi-Hua Edward Yang	
Date:		
	Sandipkumar J. Ladhani	

Attorney Docket No.: 1242-022US01

PATENT REEL: 047359 FRAME: 0818

RECORDED: 10/30/2018