506437428 01/07/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6484196

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASLEEN KAUR AHUJA	01/06/2021
TARANJIT SINGH KUKAL	01/06/2021
VIKRANT KHANNA	01/07/2021
NIKHIL GUPTA	01/06/2021
ROHIT SHUKLA	01/07/2021
KUNAL GUPTA	01/07/2021
CHARU KAPOOR	01/07/2021

RECEIVING PARTY DATA

Name:	CADENCE DESIGN SYSTEMS, INC.
Street Address:	2655 SEELY AVENUE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17143371	

CORRESPONDENCE DATA

Fax Number: (617)523-6850

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: 617-523-2700

Email: patentdocketing@hklaw.com, robyn.lecesse@hklaw.com
Correspondent Name: HOLLAND & KNIGHT LLP CADENCE DESIGN SYST

Address Line 1: 10 ST. JAMES AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02116-3889

ATTORNEY DOCKET NUMBER:	120719.05326/20PA123US01	
NAME OF SUBMITTER:	ROBYN L. LECESSE	
SIGNATURE:	/Robyn L. Lecesse/	
DATE SIGNED:	01/07/2021	

PATENT 506437428 REEL: 054843 FRAME: 0434

Total Attachments: 2

source=12071905326Assignment#page1.tif source=12071905326Assignment#page2.tif

PATENT REEL: 054843 FRAME: 0435 Atty. Ref. No.: <u>120719.05326</u> Client Ref. No. <u>20PA123US01</u>

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor hereby sells, assigns, transfers to **CADENCE DESIGN SYSTEMS, INC.**, a Delaware corporation having a principal place of business at **2655 SEELY AVENUE, SAN JOSE, CALIFORNIA 95134** ("ASSIGNEE"), and its successors, assigns, and legal representatives, all rights, title and interest in and to his/her invention relating to:

System and Method For Performance Estimation for Electronic Designs using Subcircuit Matching and Data-Reuse

in any form or embodiment thereof, in the United States and all other countries, including applications for patents in all countries throughout the world, as set forth in his/her United States Patent Application (check one):

\times	executed concurrently herewith,	
	executed on,	
	Serial No, filed on	
	PCT International Application No.:	, filed on,

including any and all applications claiming priority to said applications, and to any provisional from which priority is claimed, divisions, continuations, renewal, substitute or reissue thereof and to any and all Letters Patent of the United States and all other countries, including any and all utility models, and design registrations, which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the issuing authority to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell, assign, and transfer the interests herein sold, assigned, and transferred and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that, without further remuneration, he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States or other countries for said invention; and

Each of the undersigned hereby grants the attorneys associated with Customer Number <u>87979</u>, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment, including the power to insert on this assignment the application number and filing date of said application when known.

PATENT REEL: 054843 FRAME: 0436 Atty. Ref. No.: <u>120719.05326</u> Client Ref. No. <u>20PA123US01</u>

Full Name of First Inventor:				
(given name, middle initial, family name)		Jasleen Kaur Ahuja		
Inventor's Signature	Jasleen kaur Aluya		Execution Date	1/6/2021
· · · · · · · · · · · · · · · · · · ·	C6CD9A4385514DE			
Full Name of Second				
(given name, middle initia	I, tamily name) ™BocuSigned by.	Taranjit Singh Kukal		
Inventor's Signature	Taranjit Single kukal		Execution Date	1/6/2021
····				
Full Name of Third I		~~		
(given name, middle initia	I, family name) ——DocuSigned by:	Vikrant	Khanna	T
Inventor's Signature	Vikrant Klanna		Execution Date	1/7/2021
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	9DDFA748DD2546D			
Full Name of Fourth				
(given name, middle initia		Nikhil (Gupta	
 	buil Gupta		Execution Date	1/6/2021
`	59BC93D4C54C4C7			
Full Name of Fifth In	ventor:			
(given name, middle initial, family name)		Rohit Shukla		
Inventor's Signature	Docusigned by: Koluit Sluukla		Execution Date	1/7/2021
<i>(</i>	18103B46C390415			
Full Name of Sixth In				
(given name, middle initial, family name)		Kunal Gupta		
Inventor's Signature	Buhta		Execution Date	1/7/2021
,	BB2CFDF59386479			
Full Name of Seventh				
(given name, middle initial, family name)		Charu Kapoor		
Inventor's Signature	Laru Zapoor		Execution Date	1/7/2021
·····	E191075A8422458		<u> </u>	

#80405932 v1 PATENT
RECORDED: 01/07/2021 REEL: 054843 FRAME: 0437