

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6703119

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAOXING REN	04/21/2021
MATTHEW RUDOLPH FOJTIK	05/10/2021
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17230592
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ATTORNEY DOCKET NUMBER:	FSP1872
NAME OF SUBMITTER:	CHARLES A. MIRHO
SIGNATURE:	/Charles A. Mirho/
DATE SIGNED:	05/11/2021
Total Attachments: 2	
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source=Assignment_FSP1872 05-11-2021#page2.tif	

ASSIGNMENT OF PATENT APPLICATION Attorney Docket No.: FSP1872

Filed: 4/14/2021

Title: Standard cell layout generation with applied artificial intelligence

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned,

Haoxing Ren

Matthew Rudolph Fojtik

hereby sell, assign, and transfer to

Nvidia Corp.

having a principal place of business at **2788 San Tomas Expressway, Santa Clara, CA, 95051, USA**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

Standard cell layout generation with applied artificial intelligence

said patent application also identified as follows (when known): **17/230,592** filed on **4/14/2021**,

and to each and all of the following applications which claim priority to the above-identified application and to which I, the undersigned, contributed material disclosed and/or claimed:

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application claiming priority, when known.]

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements;

execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or

improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

I consent to the use of and validity of my electronic signature on this and future documents related to the patent(s)/patent application(s) referenced above.

Each Inventor: Please Sign and Date Below:

Haoxing Ren

Matthew Rudolph Fojtik

DocuSigned by: <u>Haoxing Ren</u> DCF95A38C8D34AA...	4/21/2021	<u>Haoxing Ren</u>
Signature	Date	Printed/Typed Name

DocuSigned by: <u>Matthew Rudolph Fojtik</u> 2FD5B4511AB14AC...	5/10/2021	<u>Matthew Rudolph Fojtik</u>
Signature	Date	Printed/Typed Name

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