

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CENTER FOR DEEP LEARNING IN ELECTRONICS MANUFACTURING, INC.	10/16/2019
RECEIVING PARTY DATA	
Name:	D2S, INC.
Street Address:	4040 MOORPARK AVENUE, #250
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95117
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16655582
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ATTORNEY DOCKET NUMBER:	D2SIP046C1CIP1
NAME OF SUBMITTER:	GRACE Y. SCHULZ
SIGNATURE:	/Grace Y. Schulz/
DATE SIGNED:	10/17/2019
Total Attachments: 1	
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PATENT ASSIGNMENT

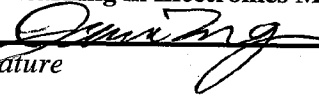
For good and valuable consideration, the receipt of which is hereby acknowledged, **Center for Deep Learning in Electronics Manufacturing, Inc.**, ("Assignor"), having a registered office at **4040 Moorpark Avenue, #250, San Jose, CA 95117, United States**, hereby assigns to **D2S, Inc.** ("Assignee"), having a registered office at **4040 Moorpark Avenue, #250, San Jose, CA 95117, United States**, all of its right, title and interest in and to the patent application listed below and the right to file non-provisionals, divisionals, continuations, continuations-in-part, substitute, continued prosecution, request for continued examination, renewals, reexaminations and reissues in the United States and foreign filing of the patent application listed below, including but not limited to the right to file, prosecute and issue patent applications and patents claiming priority to the patent application listed below for the invention set forth in the patent application listed below and, including without limitation, any and all claims and potential claims of past, present and future infringement of such patent application and the right to sue and collect for past, present and future damages and any other causes of action under such patent application ("Assigned Patent Rights"):

Serial No.	Filing Date	Title	Inventors
Unassigned	Herewith	METHODS AND SYSTEMS FOR FORMING A PATTERN ON A SURFACE USING MULTI-BEAM CHARGED PARTICLE BEAM LITHOGRAPHY	Akira Fujimura; Thang Nguyen; Ajay Baranwal; Michael J. Meyer; Suhas Pillai

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, letters patents, utility models or certificates of invention which may be granted upon the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

IN WITNESS WHEREOF Assignor has executed this Patent Assignment this 16 day of October, 2019.

Center for Deep Learning in Electronics Manufacturing, Inc.

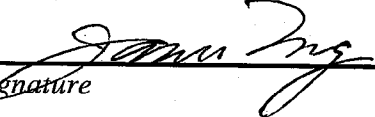


 Authorized signature
 James Fong

 Name (Printed)
 Vice President of Operations

 Title

D2S, Inc.



 Authorized signature
 James Fong

 Name (Printed)
 Vice President of Operations

 Title