

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5540944

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AKIRA FUJIMURA	05/23/2019
HAROLD ROBERT ZABLE	05/23/2019
NAGESH SHIRALI	05/23/2019
WILLIAM E. GUTHRIE	05/23/2019
RYAN PEARMAN	05/23/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	D2S, INC.
<b>Street Address:</b>	4040 MOORPARK AVENUE, #250
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95117
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16422269
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)408-3570
<i>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.</i>	
<b>Phone:</b>	8584811883
<b>Email:</b>	grace@mlo-ip.com
<b>Correspondent Name:</b>	GRACE Y. SCHULZ
<b>Address Line 1:</b>	MLO
<b>Address Line 2:</b>	12707 HIGH BLUFF DRIVE, SUITE 200
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92130
<b>ATTORNEY DOCKET NUMBER:</b>	D2SIP064
<b>NAME OF SUBMITTER:</b>	GRACE Y. SCHULZ
<b>SIGNATURE:</b>	/Grace Y. Schulz/
<b>DATE SIGNED:</b>	05/24/2019
<b>Total Attachments: 3</b>	

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source=20190524\_D2SiP064\_assignment#page3.tif

**ASSIGNMENT**

For good and valuable consideration, we, **Akira Fujimura**, residing in Saratoga, CA, US, **Harold Robert Zable**, residing in Palo Alto, CA, US, **Nagesh Shrirall**, residing in San Jose, CA, US, **William E. Guthrie**, residing in Santa Clara, CA, US, **Ryan Pearman**, residing in San Jose, CA, US,

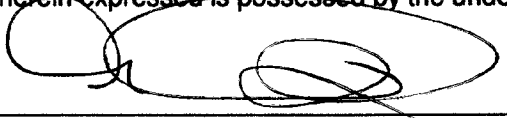
Hereby sell, assign and transfer to **D2S, Inc.** having a business address of **4040 Moorpark Avenue #250, San Jose, CA 95117, United States**, hereinafter "Assignee", its successors, assigns and legal representatives, our entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for a United States Patent, which has been executed by the undersigned concurrently herewith, and is entitled:

**METHOD AND SYSTEM FOR DETERMINING A CHARGED PARTICLE BEAM EXPOSURE FOR A LOCAL PATTERN DENSITY**

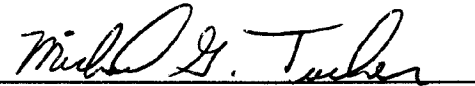
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said 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 divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

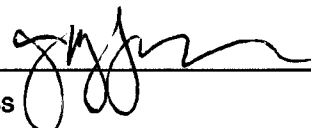
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed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

  
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**Akira Fujimura**

5-23-19  
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**Date**

  
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**Witness**

5-23-2019  
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**Date**

  
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**Date**

Harold Robert Zable

Harold Robert Zable

5-23-19

Date

Shirali

Witness

5-23-19

Date

Shirali

Witness

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Date

Shirali

Nagesh Shirali

5-23-19

Date

William E. Guthrie

Witness

5-23-19

Date

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Date

Harold Zable

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Shirali

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Date

  
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Ryan Pearman

5/23/19  
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