

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7201808

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JULIAN A. BROWN	02/07/2022
BENJAMIN F. LANE	02/02/2022
HANNAH CLEVENSON	02/03/2022
LUCAS D. BENNEY	02/04/2022
MICHAEL G. MOEBIUS	02/09/2022
ROBIN M. A. DAWSON	02/03/2022
STEVEN J. SPECTOR	02/02/2022
RECEIVING PARTY DATA	
Name:	THE CHARLES STARK DRAPER LABORATORY, INC.
Street Address:	555 TECHNOLOGY SQUARE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139-3563
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17407755
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	+1-978-245-8100
Email:	jakobsm26@intake.appcoll.com
Correspondent Name:	GEORGE JAKOBSCH PATENT COUNSEL PLLC
Address Line 1:	39 OLD FARM ROAD
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ATTORNEY DOCKET NUMBER:	DR-1220
NAME OF SUBMITTER:	GEORGE J. JAKOBSCH
SIGNATURE:	/George J. Jakobsche, #39,236/
DATE SIGNED:	03/01/2022

Total Attachments: 7

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ASSIGNMENT

Assignor(s):
Julian A. Brown
Benjamin F. Lane
Hannah Clevenson
Lucas D. Benney
Michael G. Moebius
Robin M. A. Dawson
Steven J. Spector

Assignee:	
The Charles Stark Draper Laboratory, Inc. 555 Technology Square Cambridge, MA 02139	
State of Incorporation:	Massachusetts

Invention:	
Title:	Two-Dimensional Planar and Crossover-Free Beamforming Network Architecture
Attorney Docket:	DR-1220
Application Number:	17/407,755
Filing Date:	August 20, 2021
Client Reference:	CSDL.7188.US.01

Assignor is a sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of an Invention identified above and described in a United States patent application (the "Application") bearing the above-indicated Title and Attorney Docket number. The Application has the above-identified United States Patent and Trademark Office Application Number and Filing Date or, if no Application Number and/or Filing Date is shown, has a Declaration executed by the Assignor contemporaneously with this Assignment.

For good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors, assigns, and legal representatives): all of Assignor's right, title, and interest in the Invention; all improvements therein; the Application; all priority rights arising therefrom; any patents, and any reissues and extensions thereof, that issue in any country upon any patent application that is or corresponds with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application that is based on the Application, or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications; and all rights to enforce any such patents and sue and collect damages for past infringement.

Each Assignor agrees that Assignee may file such patent applications, and obtain such patents, in its own name as an applicant.

If any Assignor previously assigned or purported to assign anything described herein to the Assignee, the Assignor hereby confirms such assignment.

Each Assignor agrees this Assignment includes all inventions disclosed in the Application, whether claimed in the Application as originally filed, unclaimed in the Application as originally filed, or subsequently claimed more broadly than in the Application as originally filed. Each Assignor believes any claims in the Application as originally filed are sufficiently disclosed in the Application.

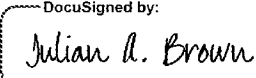
Each Assignor further agrees that the Assignor and Assignor's heirs and legal representatives will, without further consideration: cooperate with Assignee in prosecution of all of the above-identified applications; and execute, verify, acknowledge, and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain, maintain, or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

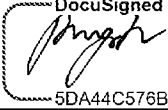
Each Assignor and Assignee hereby authorizes and requests George Jakobsche Patent Counsel PLLC to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

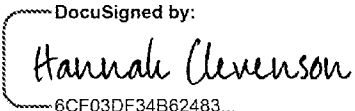
By executing this Assignment, Assignee accepts the assignment set forth above.

Each Assignor and Assignee agrees that this instrument may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which together shall constitute one and the same agreement; and that an original or electronic signature or a copy thereof stored or transmitted by e-mail, facsimile, or PDF shall constitute an original signature for purposes of this instrument.

IN WITNESS WHEREOF, each Assignor and Assignee hereby executes this instrument on the date set forth below.

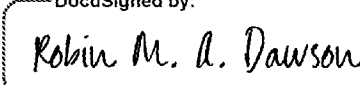
2/7/2022 8:13 AM PST	DocuSigned by:  0C958501CA21441...	
Date	Julian A. Brown	Assignor
I affirm that I did witness the above-named individual sign this document in my presence.		
	/	
Date		Witness

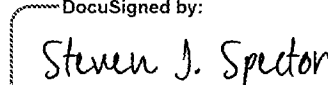
2/2/2022 5:19 PM PST	DocuSigned by:  / 5DA44C576BCB4D1... /	
Date	Benjamin F. Lane	Assignor
I affirm that I did witness the above-named individual sign this document in my presence.		
	/ _____ /	
Date		Witness

2/3/2022 1:59 PM PST	DocuSigned by:  / 6CF03DF34B62483... /	
Date	Hannah Clevenson	Assignor
I affirm that I did witness the above-named individual sign this document in my presence.		
	/ _____ /	
Date		Witness

2/4/2022 9:44 AM PST	DocuSigned by: <i>Lucas D. Benney</i> / 6B5B8199247B4FC... /	
Date	Lucas D. Benney	Assignor
I affirm that I did witness the above-named individual sign this document in my presence.		
	/ _____ /	
Date		Witness

2/9/2022 6:46 AM PST	DocuSigned by: <i>Michael G. Moebius</i> / 3ABE8165A5D44A6... /	
Date	Michael G. Moebius	Assignor
I affirm that I did witness the above-named individual sign this document in my presence.		
	/ _____ /	
Date		Witness

2/3/2022 7:35 AM PST	DocuSigned by:  / 641E035A698B424... /	
Date	Robin M. A. Dawson	Assignor
I affirm that I did witness the above-named individual sign this document in my presence.		
	/ /	
Date		Witness

2/2/2022 3:01 PM PST	DocuSigned by:  / 26EE6EC95B3C477... /	
Date	Steven J. Spector	Assignor
I affirm that I did witness the above-named individual sign this document in my presence.		
	/ /	
Date		Witness

Assignee: The Charles Stark Draper Laboratory, Inc.	
2/3/2022 4:10 AM PST	DocuSigned by: <i>Alexa Adams</i> By: /-----95FAD3B7E8DD465... /
Date	Alexa Adams