PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OSCAR OLOF BEIJBOM	02/08/2021
BASSAM HELOU	02/08/2021

RECEIVING PARTY DATA

Name:	MOTIONAL AD LLC
Street Address:	100 NORTHERN AVENUE
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02210

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17180649	

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

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Address Line 2: P.O. BOX 1022

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ATTORNEY DOCKET NUMBER:	46154-0253001
NAME OF SUBMITTER:	SARAH E. HOKE
SIGNATURE:	/Sarah E. Hoke/
DATE SIGNED: 02/19/2021	
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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> **PATENT** REEL: 055345 FRAME: 0797

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Combined Declaration And Assignment For Utility Patent And Design Patent Applications

DECLARATION

Docket No.:	46154-0253P01
	46154-0253001
Title of Inver	ntion: METRIC BACK-PROPAGATION FOR SUBSYSTEM PERFORMANCE
In accordance declaration is	with 35 U.S.C. § 115(b), as a below named inventor, we hereby declare that this directed to:
☐ The at	tached application, or
United	I States Application Number 63/105,329 , 17/180,649 or PCT ational Application Number,
We authorize	the insertion of the filing date and application number above.
The above-ide	entified application was made or authorized to be made by us.
We believe we	e are the original inventor or an original joint inventor of a claimed invention in the
We hereby a	cknowledge that any willful false statement made in this declaration as applied to a
United States	utility patent application or design patent application is punishable under
18 U.S.C. § 16	001 by fine or imprisonment of not more than five (5) years, or both.
	ASSIGNMENT
Pursuant to an	agreement with our employer, we formally assign to Motional AD LLC (the
"Assignee"), t	he entire right, title, and interest, in all countries, in the improvements (the

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"Subject Matter") set forth in the above-identified application for which we executed a

declaration dated as indicated below.

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Motional AD LLC Attorney Docket No. 46154-0253001 / I20200008

We also assign, in addition to the Subject Matter, (a) the above-identified application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

EXECUTION

Hereby executed by the undersigned on the date opposite the undersigned name:

Signature: Oscar Olof Brijhom	Date:	2/8/2021		
Legal name: OSCAR OLOF BEIJBOM				
Signature: Bassam Helou	Date:	2/8/2021		
Legal name: BASSAM HELOU				

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RECORDED: 02/19/2021

PATENT REEL: 055345 FRAME: 0799