

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS SEBASTIAN	03/23/2015
TIMOTHY STEPHENS	03/24/2015
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14664771
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<b>SIGNATURE:</b>	/Aisha Goins/
<b>DATE SIGNED:</b>	08/29/2016
<b>Total Attachments: 3</b>	
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ASSIGNMENT

For valuable consideration, we, Thomas Sebastian of Waltham, MA and Timothy Stephens of West Chatham, MA, hereby assign to: Massachusetts Institute of Technology, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02142; its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of applications for United States Patent signed by us, entitled DISCRETE BYPASS PARTICLE CONCENTRATOR, filed March 21, 2014, and assigned U.S. Application Number 61/969,038, and we authorize and request the attorneys appointed in said applications to hereafter complete these assignments by inserting above the filing date and serial number of said applications when known; these assignments including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully these assignments.

In WITNESS WHEREOF, I hereof set my hand and seal at Leominster, MA  
this 23<sup>rd</sup> day of March, 20 15  
[Signature] L.S.  
Thomas Sebastian

Address: 4905 Stearns Hill Rd. Waltham, MA 02451

City of Leominster :  
: ss.  
Country of United States :

Signature witnessed by:

3/23/15  
Date

WITNESS: [Signature]  
Printed Name: SHARON PRIGEN  
Address: 24 TANGLEWOOD LN  
SALON, MA 01970

Signature witnessed by:

3/23/15  
Date

WITNESS: [Signature]  
Printed Name: Keith Doyle  
Address: 11 Sanders Rd.  
Sudbury, MA 01776

IN WITNESS WHEREOF, I hereto set my hand and seal at CHATHAM, MA.  
this 24 day of MARCH, 2015  
Timothy Stephens L.S.  
Timothy Stephens

Address: 190 Barn Hill RD, West Chatham, MA 02669

West Chatham  
City of Massachusetts :  
: ss. United States  
Country of Barstable :

Signature witnessed by:

March 24, 2015  
Date

WITNESS: Kathy M. Munson  
Printed Name: Kathy M. Munson  
Address: 168 Old Harbor Rd.  
Chatham, ma 02633

Signature witnessed by:

March 24, 2015  
Date

WITNESS: Patricia J. DeTraglia  
Printed Name: Patricia J. DeTraglia  
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