

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3553882

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VINEET AHUJA	10/01/2015
ROGER M. BIRKBECK	09/17/2015
ASHVIN HOSANGADI	10/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMBUSTION RESEARCH AND FLOW TECHNOLOGY, INC.
<b>Street Address:</b>	6210 KELLER'S CHURCH ROAD
<b>City:</b>	PIPERSVILLE
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	18947
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14774950
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)672-5430
<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>	2156726220
<b>Email:</b>	mcrilly@crillylaw.com
<b>Correspondent Name:</b>	MICHAEL G CRILLY, ESQUIRE
<b>Address Line 1:</b>	104 SOUTH YORK ROAD
<b>Address Line 4:</b>	HATBORO, PENNSYLVANIA 19040
<b>ATTORNEY DOCKET NUMBER:</b>	CT201502NP
<b>NAME OF SUBMITTER:</b>	MICHAEL G. CRILLY, ESQUIRE
<b>SIGNATURE:</b>	/Michael G. Crilly, Esquire/
<b>DATE SIGNED:</b>	10/02/2015
<b>Total Attachments: 3</b>	
source=Patent Assignment - Ahuja#page1.tif	
source=Patent Assignment - Birkbeck#page1.tif	
source=Patent Assignment - Hosangadi#page1.tif	

## ASSIGNMENT

WHEREAS, I, Vineet Ahuja of 559 Dreshertown Road, Fort Washington, PA 19034, hereafter the "Assignor", having invented certain new and useful improvements disclosed in a utility application to the United States Patent and Trademark Office entitled **AXIAL FLOW CONDITIONING DEVICE FOR MITIGATING INSTABILITIES** filed September 11, 2015 under application number 14/774,950;

AND WHEREAS, Combustion Research and Flow Technology, Inc. of 6210 Keller's Church Road, Pipersville, PA 18947, hereafter the "Assignee", wants to acquire the entire right, title and interest in and to said improvements and application;

NOW, THEREFORE, in consideration of one (1) U.S. dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee the entire right, title, and interest in and to (together with the right to sue and recover for past, present, and future infringement) said improvements, and said application and all non-provisionals, divisions, substitutions, continuations, continuations-in-part, and PCT applications claiming priority thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in all foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and all officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to Assignee all facts known to me respecting said improvements, and testify in all legal proceedings, sign all lawful papers, execute all provisional, non-provisional, divisional, continuation, continuation-in-part, substitute, reissue, PCT, foreign, and all other applications, make all rightful oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

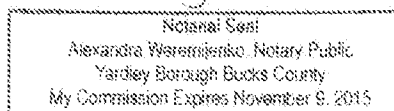
IN TESTIMONY WHEREOF, I hereunto set my hand this 1<sup>st</sup> day of OCTOBER, 2015.

Vineet Ahuja (Assignor)

COMMONWEALTH OF PENNSYLVANIA )  
COUNTY OF Bucks ) ss.

On October 1, 2015, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared **Vineet Ahuja**, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he executed the same.

Alexandra Wieremienko (Notary Public)



assignment-USPA14774950-AHUJA

## ASSIGNMENT

WHEREAS, I, **Roger M. Birkbeck** of **26 Greenbriar Lane, Newtown, PA 18940**, hereafter the "Assignor", having invented certain new and useful improvements disclosed in a utility application to the United States Patent and Trademark Office entitled **AXIAL FLOW CONDITIONING DEVICE FOR MITIGATING INSTABILITIES** filed **September 11, 2015** under application number **14/774,950**;


AND WHEREAS, **Combustion Research and Flow Technology, Inc.** of **6210 Keller's Church Road, Pipersville, PA 18947**, hereafter the "Assignee", wants to acquire the entire right, title and interest in and to said improvements and application;

NOW, THEREFORE, in consideration of one (1) U.S. dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee the entire right, title, and interest in and to (together with the right to sue and recover for past, present, and future infringement) said improvements, and said application and all non-provisionals, divisions, substitutions, continuations, continuations-in-part, and PCT applications claiming priority thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in all foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and all officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and I have not executed, and will not execute, any agreement in conflict herewith;

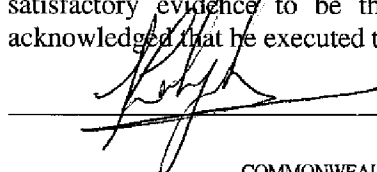
AND I HEREBY further covenant and agree that I will communicate to Assignee all facts known to me respecting said improvements, and testify in all legal proceedings, sign all lawful papers, execute all provisional, non-provisional, divisional, continuation, continuation-in-part, substitute, reissue, PCT, foreign, and all other applications, make all rightful oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 17<sup>th</sup> day of September, 2015.

 (Assignor)

COMMONWEALTH OF PENNSYLVANIA )  
COUNTY OF Bucks ) ss.

On September 17<sup>th</sup>, 2015, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared **Roger M. Birkbeck**, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he executed the same.

 (Notary Public)

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
Kashyap Jadeja, Notary Public  
Newtown Twp, Bucks County  
My commission expires May 26, 2019

assignment-USPA14744950-BIRKBECK

## ASSIGNMENT

WHEREAS, I, Ashvin Hosangadi of 1539 Spruce Court, Jamison, PA 18929, hereafter the "Assignor", having invented certain new and useful improvements disclosed in a utility application to the United States Patent and Trademark Office entitled **AXIAL FLOW CONDITIONING DEVICE FOR MITIGATING INSTABILITIES** filed September 11, 2015 under application number 14/774,950;

AND WHEREAS, Combustion Research and Flow Technology, Inc. of 6210 Keller's Church Road, Pipersville, PA 18947, hereafter the "Assignee", wants to acquire the entire right, title and interest in and to said improvements and application;

NOW, THEREFORE, in consideration of one (1) U.S. dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee the entire right, title, and interest in and to (together with the right to sue and recover for past, present, and future infringement) said improvements, and said application and all non-provisionals, divisions, substitutions, continuations, continuations-in-part, and PCT applications claiming priority thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in all foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and all officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to Assignee all facts known to me respecting said improvements, and testify in all legal proceedings, sign all lawful papers, execute all provisional, non-provisional, divisional, continuation, continuation-in-part, substitute, reissue, PCT, foreign, and all other applications, make all rightful oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

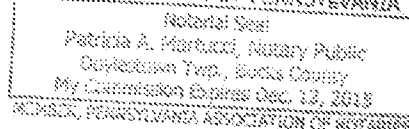
IN TESTIMONY WHEREOF, I hereunto set my hand this 1<sup>st</sup> day of October, 2015.

Ashvin Hosangadi (Assignor)

COMMONWEALTH OF PENNSYLVANIA )  
 ) ss.  
COUNTY OF Bucks )

On Oct 1, 2015, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared **Ashvin Hosangadi**, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he executed the same.

Patricia A. Martucci (Notary Public)



assignment-USPA14774950-HOSANGADI

**PATENT**

**RECORDED: 10/02/2015**

**REEL: 036716 FRAME: 0212**