#### 502190663 01/10/2013

#### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
Kapil Pant	12/21/2012
Shivshankar Sundaram	01/02/2013
Yi Wang	12/21/2012

### RECEIVING PARTY DATA

Name:	CFD Research Corporation
Street Address:	215 Wynn Drive
Internal Address:	Suite 501
City:	Huntsville
State/Country:	ALABAMA
Postal Code:	35805

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13566297

## CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	C1478.10005US02
NAME OF SUBMITTER:	JONATHAN M. BENNS

# Total Attachments: 4

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PATENT REEL: 029605 FRAME: 0842 OF \$40.00 13566297

PATENT APPLICATION Docket No: C1478.10005US02

Maschoff Gilmore & Israelsen 1441 W. Ute Blvd., Suite 100 Park City, Utah 84098-7633

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I/We the undersigned, hereinafter collectively referred to as "Assignor," have made an invention entitled ELECTROSTATIC AEROSOL CONCENTRATOR. Preferred embodiments of said invention are disclosed in a United States patent application which:

	is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No, with a filing date of
$\boxtimes$	was previously filed in the United States Patent and Trademark Office on <u>August 3, 2012</u> as Application Serial No. <u>13/566,297</u> .
	is a United States National Application of PCT International Application No.

(The attorneys of Maschoff Gilmore & Israelsen are hereby authorized to insert the serial number and filing date when known.)

The Assignee, CFD RESEARCH CORPORATION, a corporation of the state of Alabama, having a principal place of business at 215 Wynn Drive, Suite 501, Huntsville, Alabama 35805, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR ASSIGNS, AND DOES HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the

benefits of the International Convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents, and such

Patent Office officials in foreign countries as are duly authorized by their patent laws to issue

patents, to issue any and all patents on said invention to the Assignee as the owner of the entire

interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal

representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign

all lawful papers and to perform all other lawful acts which the Assignee may request of

Assignor to make this Assignment fully effective, including, by way of example but not of

limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents

requested by the Assignee to further the prosecution of any of such patent

applications.

Cooperation to the best of the Assignor's ability in the execution of all lawful

documents, the production of evidence, nullification, reissue, extension, or

infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 1

Kapil		Pant
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)

KRMM Inventor's signature:

Date Dec 21, 2012

# Inventor 2

Shivshankar		Sundaram
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature:		Date

Inventor 3		
Yi		Wang
(GIVEN NAME)	(MIDDLE INITIAL ØR NAME)	FAMILY (OR LAST NAME)
Inventor's signature:	1 Mary	Date Pec 21, 2012
		***************************************

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ASSIGNMENT (C1478.10005US02)

PATENT REEL: 029605 FRAME: 0846