

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4192329

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAMIANO PATRON	12/19/2016
KAPIL R. DANDEKAR	09/12/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DREXEL UNIVERSITY
<b>Street Address:</b>	3141 CHESTNUT STREET
<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19104
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15205551
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)568-3439
<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>	2155683100
<b>Email:</b>	assignments@woodcock.com
<b>Correspondent Name:</b>	BAKER & HOSTETLER LLP
<b>Address Line 1:</b>	2929 ARCH STREET
<b>Address Line 2:</b>	12TH FLOOR, CIRA CENTRE
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19104
<b>ATTORNEY DOCKET NUMBER:</b>	104889.000710 / 14-1697
<b>NAME OF SUBMITTER:</b>	FAITH A. POORE
<b>SIGNATURE:</b>	/Faith A. Poore/
<b>DATE SIGNED:</b>	12/20/2016
<b>Total Attachments: 4</b>	
source=Assignments_executed#page1.tif	
source=Assignments_executed#page2.tif	
source=Assignments_executed#page3.tif	
source=Assignments_executed#page4.tif	

**ASSIGNMENT**

WHEREAS, I, **Damiano Patron**, a citizen of **Italy**, residing at **1633 Commonwealth Avenue, Apt. 15, Brighton, Massachusetts 02135**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **104889.000710 / 14-1697** ("the invention"), assigned application number **15/205,551** filed on **July 8, 2016**, entitled **MINIATURIZED RECONFIGURABLE CRLH METAMATERIAL LEAKY-WAVE ANTENNA USING COMPLEMENTARY SPLIT-RING RESONATORS** ("the subject application"); which claims benefit of application number **62/189,913** filed **July 8, 2015** ("the priority application");

AND WHEREAS, **Drexel University**, ASSIGNEE, having a place of business at **3141 Chestnut Street, Philadelphia, Pennsylvania 19104**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that 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 the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

DOCKET NO.: 104889.000710 / 14-1697

the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 19 day of December, year of 2016.

  
Signature – Damiano Patron

\*\*\*\*\*

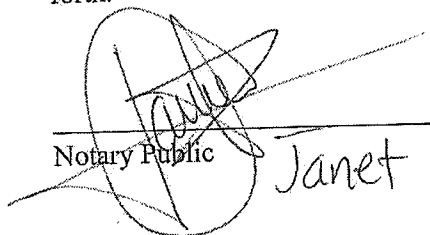
**STATEMENT OF NOTARY PUBLIC**

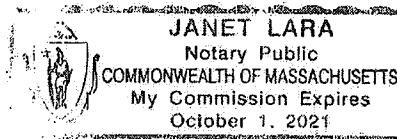
STATE OF Massachusetts:

: SS

COUNTY OF Suffolk:

On this 19 day of December, year of 2016, before me personally came the above named **Damiano Patron** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

  
Notary Public Janet Lara



**ASSIGNMENT**

WHEREAS, I, **Kapil R. Dandekar**, a citizen of **United States**, residing at **1912 Pemberton Street, Philadelphia, Pennsylvania 19146**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **104889.000710 / 14-1697** ("the invention"), assigned application number **15/205,551** filed on **July 8, 2016**, entitled **MINIATURIZED RECONFIGURABLE CRLH METAMATERIAL LEAKY-WAVE ANTENNA USING COMPLEMENTARY SPLIT-RING RESONATORS** ("the subject application"); which claims benefit of application number **62/189,913** filed **July 8, 2015** ("the priority application");

AND WHEREAS, **Drexel University**, ASSIGNEE, having a place of business at **3141 Chestnut Street, Philadelphia, Pennsylvania 19104**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that 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 the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

DOCKET NO.: 104889.000710 / 14-1697

the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 10<sup>th</sup> day of September, year of 2016.

  
Signature – Kapil R. Dandekar

\*\*\*\*\*

**STATEMENT OF NOTARY PUBLIC**

STATE OF Pennsylvania:

: SS

COUNTY OF Philadelphia:

On this 10<sup>th</sup> day of September, year of 2016, before me personally came the above named **Kapil R. Dandekar** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

  
Notary Public

