

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tobin J. Marks</td> <td>04/24/2009</td> </tr> <tr> <td>Antonio Facchetti</td> <td>04/24/2009</td> </tr> <tr> <td>Hyun Sung Kim</td> <td>04/23/2009</td> </tr> <tr> <td>Paul D. Byrne</td> <td>03/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tobin J. Marks	04/24/2009	Antonio Facchetti	04/24/2009	Hyun Sung Kim	04/23/2009	Paul D. Byrne	03/24/2009
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Northwestern University</td> </tr> <tr> <td>Street Address:</td> <td>633 Clark Street</td> </tr> <tr> <td>City:</td> <td>Evanston</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60208</td> </tr> </table>		Name:	Northwestern University	Street Address:	633 Clark Street	City:	Evanston	State/Country:	ILLINOIS	Postal Code:	60208
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CORRESPONDENCE DATA											
Fax Number: 2245343956 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (224) 534-3085 Email: patents@polyera.com Correspondent Name: Karen K. Chan Address Line 1: 8045 Lamon Avenue, Suite 140 Address Line 4: Skokie, ILLINOIS 60077											
ATTORNEY DOCKET NUMBER:	NWU-010DV										
NAME OF SUBMITTER:	Karen K. Chan										
Signature:	/Karen K. Chan/										

Date:

07/16/2013

Total Attachments: 6

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PATENT
Attorney Docket No: 10286
For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or ☐ U.S. Patent
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Tobin J. Marks ("ASSIGNOR")
(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)
who own the invention) 2300 Central Park Avenue
Evanston, IL 60201
(Address)
US
(Nationality)

ASSIGNOR: Antonio Facchetti ("ASSIGNOR")
(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)
who own the invention) 5412 North Glenwood
Chicago, IL 60640
(Address)
IT
(Nationality)

ASSIGNOR: Paul D. Byrne ("ASSIGNOR")
(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)
who own the invention) 1125 Sheridan Road 96 Fourth St. PR3, 3/24/09
Evanston, IL 60201 Lowell, MA 01850
(Address)
US
(Nationality)

ASSIGNOR: Hyun Sung Kim ("ASSIGNOR")
(Type or print name(s) of ASSIGNOR(S))

person(s) or entity(ies)
who own the invention) 1736 Chicago Avenue II-902a Song Building 6th, F-3 Shinshu,
Evanston, IL 60201 Hwot, Seoul, Korea, 121-854
(Address) (K.H.S. 04.28.2009)
KR
(Nationality)

(If assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO add the following)

Recorded on _____
Reel _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:
Northwestern University ("ASSIGNEE")
633 Clark Street
Evanston, IL 60208
United States of America
(Address)
An Illinois University
(entity type)

and the successors, assigns and legal representatives of the ASSIGNEE
(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest
for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:

**SOLUTION-PROCESSED HIGH MOBILITY
INORGANIC THIN-FILM TRANSISTORS**

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on _____
 - ☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.
- (c) ☒ U.S. application serial no. 12/322,399 filed on February 2, 2009.
- (d) ☐ U.S. patent no. _____ issued _____
 - ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

(e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof; and as to letters patent any reissue or re-examination thereof

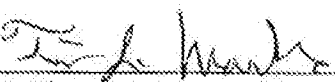
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

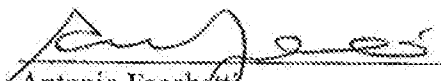
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S)

 4/24/09
Tobin J. Marks (Date)

 4/24/09
Antonio Facchetti (Date)

Paul D. Byrne (Date)

Hyun Sung Kim (Date)

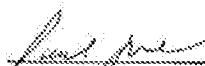
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04.23.2009