

## 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>Norbert Auner</td> <td>12/18/2012</td> </tr> <tr> <td>Christian Bauch</td> <td>01/15/2013</td> </tr> <tr> <td>Rumen Deltschew</td> <td>01/15/2013</td> </tr> <tr> <td>Sven Holl</td> <td>01/15/2013</td> </tr> <tr> <td>Javad Mohsseni</td> <td>05/12/2013</td> </tr> <tr> <td>Gerd Lippold</td> <td>12/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Norbert Auner	12/18/2012	Christian Bauch	01/15/2013	Rumen Deltschew	01/15/2013	Sven Holl	01/15/2013	Javad Mohsseni	05/12/2013	Gerd Lippold	12/15/2012
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Spawnt Private S.a.r.l.</td> </tr> <tr> <td>Street Address:</td> <td>16, rue Jean l'Aveugle</td> </tr> <tr> <td>City:</td> <td>Luxembourg</td> </tr> <tr> <td>State/Country:</td> <td>LUXEMBOURG</td> </tr> <tr> <td>Postal Code:</td> <td>1148</td> </tr> </table>		Name:	Spawnt Private S.a.r.l.	Street Address:	16, rue Jean l'Aveugle	City:	Luxembourg	State/Country:	LUXEMBOURG	Postal Code:	1148				
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13696137</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13696137										
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CORRESPONDENCE DATA															
<p>Fax Number: 2156562498  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-656-3381        Email: pto.phil@dlapiper.com        Correspondent Name: T. Daniel Christenbury        Address Line 1: One Liberty Place        Address Line 2: 1650 Market Street, Suite 4900        Address Line 4: Philadelphia, PENNSYLVANIA 19103</p>															
ATTORNEY DOCKET NUMBER:	EHF-12-1363														

NAME OF SUBMITTER:	Carol Coney
Signature:	/cc/
Date:	06/18/2013
<p>Total Attachments: 5 source=EHF-12-1363#page1.tif source=EHF-12-1363#page2.tif source=EHF-12-1363#page3.tif source=EHF-12-1363#page4.tif source=EHF-12-1363#page5.tif</p>	

ASSIGNMENT

WHEREAS, we, Norbert Auner, Christian Bauch, Rumen Deltschew, Sven Holl, Javad Mohsseni and Gerd Lippold, citizens of Germany, residing at Auf der Platt 51, 61479 Glashuetten, Germany; Schillerstr. 15, 06774 Muldenstein, Germany; Baumeister-Guenther-Str. 7, 04319 Leipzig, Germany; Langstr. 1, 65558 Gueckingen, Germany; Bernhardy Str. 38, 06110 Halle / Saale, Germany; and Otto-Schmiedt-Str. 45, 04179 Leipzig, Germany, respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled NANOWIRES MADE OF NOVEL PRECURSORS AND METHOD FOR THE PRODUCTION THEREOF, identified in International Application No. PCT/EP2011/057253, and in US Application No. 13/696,137,

WHEREAS, Spawnt Private S.à.r.l., with offices located at 16, rue Jean l'Aveugle, 1148 Luxembourg, Luxembourg (hereinafter referred to as "the assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,


NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

**EXECUTED** on the date(s) set forth below.

December 19, 2012  
Date

  
Norbert Auner

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Date

\_\_\_\_\_  
Christian Bauch

\_\_\_\_\_  
Date

\_\_\_\_\_  
Rumen Deltschew

\_\_\_\_\_  
Date

\_\_\_\_\_  
Sven Holl

\_\_\_\_\_  
Date

\_\_\_\_\_  
Javad Mohsseni

\_\_\_\_\_  
Date

\_\_\_\_\_  
Gerd Lippold

P2010,1385 US N / TT0053US MW/RME

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\_\_\_\_\_  
Date

15. January 2013  
Date

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Date

15. January 2013  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Norbert Auner

Christian Bauch  
Christian Bauch

Rumen Deltschew  
Rumen Deltschew

Sven Holl  
Sven Holl

\_\_\_\_\_  
Javad Mohsseni

EAST\52982315.1

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Date

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Rumen Deltschew

\_\_\_\_\_  
Date

\_\_\_\_\_  
Sven Holl

Mai, 12., 2013

S. J. Mohsseni Alk

\_\_\_\_\_  
Date

\_\_\_\_\_  
Javad Mohsseni

\_\_\_\_\_  
Date

\_\_\_\_\_  
Gerd Lippold

EAST\52982315.1

**PATENT**

**REEL: 030631 FRAME: 0855**

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Date

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Sven Holl

\_\_\_\_\_  
Date

\_\_\_\_\_  
Javad Mohsseni

December 15, 2012  
\_\_\_\_\_  
Date

*[Signature]*  
\_\_\_\_\_  
Gerd Lippold

EAST52982315.1