

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4583957

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANAGI MANJULA BALACHANDRA	04/05/2017
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	9227274
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<b>NAME OF SUBMITTER:</b>	STEVEN M. PARKS
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<b>DATE SIGNED:</b>	09/07/2017
<b>Total Attachments: 3</b>	
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source=Assignment_US9227274_Balachandra_to_Metna-c#page2.tif	
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Atty. Docket No. 32213/10009  
Reference: TEC2016-0087

### ASSIGNMENT

As a below-named inventor, I hereby declare that

My post office address is as stated below under my signature and I am named as an inventor of the inventions (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified below

**Title:** JOINING VIA NANO-SCALE REINFORCED BONDING MEDIA MATERIALS, PROCEDURES AND APPLICATIONS THEREOF

**Inventors:** Anagi Manjula Balachandra, Parviz Soroushian, Mchammad Sayyar Bidgoli

**Patent Number:** 9,227,274

**Serial Number:** 13/963,197

**Filing Date:** August 9, 2013

In view of valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby assign and transfer unto METNA CO, 1926 Turner Street, Lansing, MI 48906 (herein ASSIGNEE) my entire right, title and interest in and to the INVENTIONS, the APPLICATION and the right of priority thereto, and all related applications (including provisional applications, non-provisional regular applications, divisions, reissues, reexaminations, supplementary examinations, inter partes reviews, oppositions, post grant reviews, continuations, international patent applications, foreign patent applications, supplementary protection certificates, and extensions thereof, whether or not claiming priority to the APPLICATION) and all counterparts in other countries and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries, including the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present, or future infringement of any of the foregoing, the right to claim priority benefit to the APPLICATION or related applications, and the right to issue the PATENTS in the name of the ASSIGNEE, this assignment being applicable throughout the world, and I do hereby agree to assign and transfer unto ASSIGNEE, its successors or assigns, on like terms as set forth in this Assignment, my entire right, title and interest in and to any continuation-in-part applications related to the APPLICATION or to any other related applications related to the APPLICATION herein assigned (including non-provisional regular applications, divisions, reissues, reexaminations, supplementary examinations, inter partes reviews, oppositions, post grant reviews, continuations, international patent applications, foreign patent applications, supplementary protection certificates, and extensions thereof claiming priority to the APPLICATION)

I agree that I will communicate to ASSIGNEE or its designated representatives any material facts known to me respecting the INVENTIONS and/or the APPLICATION; testify in any legal proceedings respecting the INVENTIONS; and execute any and all papers deemed necessary by ASSIGNEE, its successors or assigns, to secure the rights herein assigned.

Atty. Docket No. 32213/10009  
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I hereby represent and warrant that (i) I have the right to make this assignment to the ASSIGNEE, (ii) I have not granted any rights inconsistent with the rights granted herein, and (iii) there are no outstanding encumbrances, liens, prior assignments, licenses or other obligations or restrictions on the rights, titles, and interest herein assigned

On behalf of Assignee,

Parviz Soroushian

Name  
Metna Co  
President  
Title

hereby confirms Assignee's acceptance

Signature

Date

4/15/17

Atty. Docket No. 32213/10009  
Reference: TEC2016-0087

FULL NAME OF INVENTOR

Anagi Manjula Balachandra

Inventor's signature  
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Date 4/5/17

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Signed and witnessed in the presence of

Kathesma Card

Kathesma Card  
(Typed or printed name of witness)