

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dilip CHANDRASEKARAN</td> <td>05/24/2010</td> </tr> <tr> <td>Thomas HELANDER</td> <td>05/24/2010</td> </tr> <tr> <td>Thomas LEWIN</td> <td>05/24/2010</td> </tr> <tr> <td>Thomas ODELSTAM</td> <td>05/28/2010</td> </tr> <tr> <td>Jan INNERMAN</td> <td>05/24/2010</td> </tr> </tbody> </table>		Name	Execution Date	Dilip CHANDRASEKARAN	05/24/2010	Thomas HELANDER	05/24/2010	Thomas LEWIN	05/24/2010	Thomas ODELSTAM	05/28/2010	Jan INNERMAN	05/24/2010
Name	Execution Date												
Dilip CHANDRASEKARAN	05/24/2010												
Thomas HELANDER	05/24/2010												
Thomas LEWIN	05/24/2010												
Thomas ODELSTAM	05/28/2010												
Jan INNERMAN	05/24/2010												
<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Sandvik Intellectual Property AB</td> </tr> <tr> <td>Street Address:</td> <td>SE-811 81</td> </tr> <tr> <td>City:</td> <td>Sandviken</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> </table>		Name:	Sandvik Intellectual Property AB	Street Address:	SE-811 81	City:	Sandviken	State/Country:	SWEDEN				
Name:	Sandvik Intellectual Property AB												
Street Address:	SE-811 81												
City:	Sandviken												
State/Country:	SWEDEN												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12681498</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12681498								
Property Type	Number												
Application Number:	12681498												
<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (202)595-0530</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-842-8800</p> <p>Email: eileen.ferrier@dbr.com</p> <p>Correspondent Name: DRINKER BIDDLE &amp; REATH (DC)</p> <p>Address Line 1: 1500 K STREET, N.W.</p> <p>Address Line 2: SUITE 1100</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-1209</p>													
NAME OF SUBMITTER:	Jeffrey G. Killian												
<p>Total Attachments: 2</p> <p>source=47113_7164_assignment#page1.tif</p> <p>source=47113_7164_assignment#page2.tif</p>													

OP \$40.00 12681498

**PATENT**

**501250002**

**REEL: 024773 FRAME: 0692**

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**THE USE AND METHOD OF PRODUCING A DISPERSION STRENGTHENED STEEL AS MATERIAL IN A ROLLER FOR A ROLLER HEARTH FURNACE**

for which I/WE are filing an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on April 2, 2010, (Serial No. 12/681,498); and

WHEREAS, Sandvik Intellectual Property AB, a corporation of Sweden, whose post office address is SE-811 81 Sandviken, Sweden, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application or any application claiming priority based on this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, or any application claiming priority based on this application, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

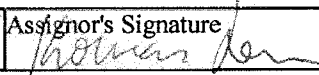


AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, or any application claiming priority based on this application, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 12/681,498, filed April 2, 2010) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

<b>Full Name of Sole or First Assignor</b> Dilip CHANDRASEKARAN	<b>Assignor's Signature</b> <i>Dilip Chandrasekaran</i>	<b>Date</b> 2010-05-24
Address: Östanbovägen 2, SE-722 40 Västerås, SE		<b>Citizenship</b> SE
<b>Full Name of Second Assignor</b> Thomas HELANDER	<b>Assignor's Signature</b> <i>Thomas Helander</i>	<b>Date</b> 2010-05-24
Address: Tortuna Valsberg 1, SE-752 96 Västerås, SE		<b>Citizenship</b> SE

Names of additional inventors attached ☒ Yes ☐ No

Attorney Docket No.: 47113-7164		
<b>Full Name of Third Assignor</b> Thomas LEWIN	<b>Assignor's Signature</b> 	<b>Date</b> 10-05-24
Address: Bergslagsvägen 227 B, SE-734 40 Hallstahammar, SE		<b>Citizenship</b> SE
<b>Full Name of Fourth Assignor</b> Thomas ODELSTAM	<b>Assignor's Signature</b> 	<b>Date</b> 2010-05-28
Address: Myrmalesvägen 16, SE-811 32 Sandviken, SE		<b>Citizenship</b> SE
<b>Full Name of Fifth Assignor</b> Jan INNERMAN	<b>Assignor's Signature</b> 	<b>Date</b> 2010-05-24
Address: Agavägen 15A, SE-81160 Sandviken, SE		<b>Citizenship</b> SE

Names of additional inventors attached ☐ Yes ☒ No