

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4583688

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the DATE OF EXECUTION FOR MARKUS NUOPPONEN SHOULD READ 6/22/2017 NOT 6/27/2017. previously recorded on Reel 042862 Frame 0545. Assignor(s) hereby confirms the ASSIGNMENT.	
<b>RESUBMIT DOCUMENT ID:</b>	504459157	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ISKO KAJANTO	06/28/2017
	MARKUS NUOPPONEN	06/22/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UPM-KYMMENE CORPORATION	
<b>Street Address:</b>	ALVAR AALLON KATU 1	
<b>City:</b>	HELSINKI	
<b>State/Country:</b>	FINLAND	
<b>Postal Code:</b>	00100	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15536844	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(860)286-0115	
<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>Email:</b>	USPTOPATENTMAIL@CANTORCOLBURN.COM	
<b>Correspondent Name:</b>	CANTOR COLBURN LLP	
<b>Address Line 1:</b>	20 CHURCH STREET	
<b>Address Line 2:</b>	22ND FLOOR	
<b>Address Line 4:</b>	HARTFORD, CONNECTICUT 06103	
<b>ATTORNEY DOCKET NUMBER:</b>	BGG0128US	
<b>NAME OF SUBMITTER:</b>	NITIN S. VIRMALWAR	
<b>SIGNATURE:</b>	/Nitin S. Virmalwar/	
<b>DATE SIGNED:</b>	09/07/2017	
<b>Total Attachments: 5</b> source=7VS9034#page1.tif		

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4483784

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>ISKO KAJANTO</td><td>06/28/2017</td></tr><tr><td>MARKUS NUOPPONEN</td><td>06/27/2017</td></tr></tbody></table>	Name	Execution Date	ISKO KAJANTO	06/28/2017	MARKUS NUOPPONEN	06/27/2017	
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MARKUS NUOPPONEN	06/27/2017						
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<b>City:</b>	HELSINKI						
<b>State/Country:</b>	FINLAND						
<b>Postal Code:</b>	FI-00100						
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<b>ATTORNEY DOCKET NUMBER:</b>	BGG0128US						
<b>NAME OF SUBMITTER:</b>	NITIN S. VIRMALWAR						
<b>SIGNATURE:</b>	/Nitin S. Virmalwar/						
<b>DATE SIGNED:</b>	06/29/2017						
<b>Total Attachments: 4</b>							
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ASSIGNMENT

WHEREAS We, **Isko Kajanto** of Kuukausikuja 4 as. 4, Espoo, FI 02200; **Markus Nuopponen** of Juutinraumankatu 6 B 29, Helsinki, FI 00220 (hereinafter referred to as "ASSIGNOR" have invented certain new and useful improvements in:

**METHOD AND APPARATUS FOR CONTROLLING THE CATALYTIC  
OXIDATION OF CELLULOSE**

(hereinafter referred to as the "INVENTION") which claims priority to Finland Application No. 20146116, filed on 18 December 2014; and was filed on 18 December 2015 as International Patent Application No. PCT/FI2015/050897; and for which we, said ASSIGNORS, have filed, an application for a United States Patent number 15/536,844 on 16 June 2017 (hereinafter collectively referred to as the "APPLICATIONS");

AND WHEREAS, **UPM-KYMMENE CORPORATION**, a corporation organized and existing under the laws of the country of Finland, having a place of business at Alvar Aallon katu 1, Helsinki, FI 00100, (hereinafter collectively referred to as "ASSIGNEE") is desirous of acquiring an interest in any and all countries, in and to the INVENTION, the APPLICATIONS, and any and all Patents to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the ASSIGNORS, have assigned and transferred, and hereby assigns and transfers unto ASSIGNEE, the entire right, title and interest in and to the INVENTION, the APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, re-filings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEES; and I do hereby agree that I will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEE, its successors or assigns, and that I will, at the cost and expense of ASSIGNEE, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

504459157

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The undersigned declare that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and

the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATIONS or any Patents issuing thereon.

Date: 28.6.2017

Isko Kajanto L.S.  
**Isko Kajanto**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Markus Nuopponen**

BGG0128US

ASSIGNMENT

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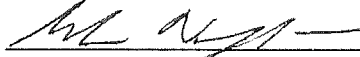
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Date: \_\_\_\_\_

\_\_\_\_\_  
Isko Kajanto L.S.

Date: 22th June 2017

 L.S.  
Markus Nuopponen