PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DATA			
Name Execution Date			
Esko KUKKAMAKI			03/05/2013
Paivi SOLISMAA 03/07/2013			03/07/2013
RECEIVING PARTY DATA			
Name:	UPM-KYMMENE OYJ		
Street Address:	Etelaesplanadi 2		
City:	Helsinki		
State/Country:	FINLAND		
Postal Code: FI-00130			
PROPERTY NUMBERS Total: 1			
Property Type		Number	
Application Number:	137	03494	
CORRESPONDENCE DATA			
CORRESPONDENCE D	ATA		3494
CORRESPONDENCE D Fax Number:	ATA 7038164100		
Fax Number: <i>Correspondence will be</i>	7038164100 <i>sent via US Mail wl</i>	nen the fax attempt is unsuccessful.	13703494
Fax Number: <i>Correspondence will be</i> Phone:	7038164100 <i>sent via US Mail wl</i> 703-816-400	0	
Fax Number: <i>Correspondence will be</i> Phone: Email:	7038164100 <i>sent via US Mail wl</i> 703-816-400 glf@nixonva	0 n.com	
Fax Number: <i>Correspondence will be</i> Phone: Email: Correspondent Name:	7038164100 <i>sent via US Mail wl</i> 703-816-400 glf@nixonva JEFFRY H. N	D n.com IELSON	\$40.00
Fax Number: <i>Correspondence will be</i> Phone: Email: Correspondent Name: Address Line 1:	7038164100 <i>sent via US Mail wl</i> 703-816-400 glf@nixonvat JEFFRY H. N 901 NORTH	0 n.com IELSON GLEBE ROAD, 11TH FLOOR	\$40.00
Fax Number: <i>Correspondence will be</i> Phone: Email: Correspondent Name:	7038164100 <i>sent via US Mail wl</i> 703-816-400 glf@nixonvar JEFFRY H. N 901 NORTH NIXON & VA	D n.com IELSON	
Fax Number: <i>Correspondence will be</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	7038164100 sent via US Mail w/ 703-816-400 glf@nixonva JEFFRY H. N 901 NORTH NIXON & VA ARLINGTON	0 n.com IELSON GLEBE ROAD, 11TH FLOOR NDERHYE, PC	\$40.00
Fax Number: <i>Correspondence will be</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	7038164100 sent via US Mail wl 703-816-400 glf@nixonvat JEFFRY H. N 901 NORTH NIXON & VA ARLINGTON	D n.com NELSON GLEBE ROAD, 11TH FLOOR NDERHYE, PC , VIRGINIA 22203	\$40.00
Fax Number: <i>Correspondence will be</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	7038164100 sent via US Mail wl 703-816-400 glf@nixonvat JEFFRY H. N 901 NORTH NIXON & VA ARLINGTON	0 n.com IELSON GLEBE ROAD, 11TH FLOOR NDERHYE, PC , VIRGINIA 22203 JHN-5373-26	\$40.00
Fax Number: <i>Correspondence will be</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	7038164100 sent via US Mail wl 703-816-400 glf@nixonvat JEFFRY H. N 901 NORTH NIXON & VA ARLINGTON	D n.com IELSON GLEBE ROAD, 11TH FLOOR NDERHYE, PC , VIRGINIA 22203 JHN-5373-26 Jeffry H. Nelson	\$40.00

ASSIGNMENT FOR PATENT APPLICATION (U.S. Rights Only)

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WHEREAS, Esko KUKKAMAKI and Palvi SOLISMAA, (hereinafter ASSIGNORS) of Ahjarvenkuja 6, Kangasala, Finland FI-36270 and Valto Kakelan katu 5 as. 6, Lappeenranta, Finland FI-53130, respectively, have made an invention entitled A METHOD AND REACTOR FOR IN-LINE PRODUCTION OF CALCIUM CARBONATE INTO THE PRODUCTION PROCESS OF A FIBROUS WEB for which a so-entitled application for Letters Patent of the United States which is an application of international application PCT/Fi2011/050542, was filed in the United States Patent and Trademark Office on December 12, 2012, under Application No. 13/703,494;

WHEREAS, UPM-KYMMENE OYJ (hereinafter ASSIGNEE), a corporation of the Country of Finland, having an office and place of business at Etelaesplanadi 2, Heisinki, Finland FI-00130 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS and ASSIGNEE AGREE:

the ASSIGNORS sell, assign, and transfer to the ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in 35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue seld Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNOR hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said Invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

It is understood and agreed that the attorneys Nixon & Vanderhye P.C. (NV) represent neither ASSIGNEE nor ASSIGNORS with respect to this invention and application. NV represents Wetend Technologies with respect to this invention and application. AGREED and executed as noted below:

March 546, 2013 Date

<u>March 7th, 2013</u> Date <u>March Mh, 2013</u> Date

Esho Kuklamaa

Esko KUKKAMAKI

pain John Paivi SQLISMAA $\Sigma^{2,1}$

UPM-KYMMENE OYJ Janne Varvemaa, Portfolio Director, Paper

MARCH 1274, ZOB Date

UPM-KYMMENJE OYJ

Mika Timmerbacker Director, IPR

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