503341866 06/09/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Harri KOSONEN	03/31/2015
Sami TURUNEN	04/07/2015
Jere SALMINEN	04/28/2015
Petri MYLLYTIE	04/15/2015
Kari LUUKKO	04/02/2015
Stefan FORS	04/08/2015

RECEIVING PARTY DATA

Name:	Upm-kymmene Corporation
Street Address:	Alvar Aallon katu 1
City:	Helsinki
State/Country:	Finland
Postal Code:	F1-00100

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14439829

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

Phone: 703-836-6400 email@oliff.com Email: JAMES A. OLIFF **Correspondent Name: OLIFF PLC** Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	165673
NAME OF SUBMITTER:	JESSICA ABARCA
SIGNATURE:	/Jessica Abarca/
DATE SIGNED:	06/09/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

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EPAS ID: PAT3388486

Total Attachments: 12	
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ASSIGNMENT

	2 35 25 E. E.	(1)	HSIII KUSUNEN	(4)	Sam TORUNES		
(1-8)	Legal Name(s)	(3)	Jere SALMINEN	(4)	Petri MYLLYTIE		
	of Inventor(s)	(5)	Kari LUUKKO	(6)	Stefan FORS		
		(7)		(8)			
		the un		ency of which are	er good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to		
(9)	Insert Name of Assignee	(9)	UPM-KYMMENE CORPORA	ATION			
(10)	insert Address of Assignee	(10)	Alvar Aallon katu I, Fl-00100 Helsinki, Finland				
		the ent invent contin	tire right, title and interest for the ion, and in all applications for pa	United States of a tent including any and reissue application	eirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. § 100, in the r and all provisional, non-provisional, divisional, tion(s), and all Letters Patent, extensions, reissues invention known as		
(11)	Insert Identification such as Title, Case	(11)	A COMPOSITE STRUCTUR	E WITH VIBRAT	TIONAL PROPERTIES		
	Number, or Foreign Application Number		ALEXANDER AND	***********************			
	ishbuckuna isananca	(Attor	mey Docket No. 165673	,,),	filed on even date herewith or as		
(12)	Alternative	(12)	U.S. Application Number	14/439,829			
	identification for filed applications	filed	April 30, 2015				

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
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- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date	315+ March, 2015	Inventor Signature	10:2 Harri Karonan	(SEAL)
Date		Inventor Signature		
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
neither	This assignment should preferably be sign , then it should be signed before at least two		lic if within the U.S.A. (b) a U.S. Consul if outside te:	he U.S.A. If
Date	31 s+ Hann, 2015	Witness	47/4/12	
Date	21.1 Marole 2015	Witness	Mulling	

ASSIGNMENT

	Insert	(1)	Ham KOSONE	in .		2)	Sami TURUNEN
(8-1)	Legal Name(s)	(3)	Jere SALMINE	N	(4	4)	Petri MYLLYTIE
	of Inventor(s)	(5)	Kari LUUKKO		((5)	Stefan FORS
		(7)			(8	8)	
		the un		eipt and suffic	iency of which a	re l	r good and valuable consideration paid to each of acreby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	UPM-KYMME	NE CORPOR	ATION		
(10)	Insert Address of Assignee	(10)	Alvar Aallon k	am 1, FI-0010	X) Helsinki, Fin	lanc	ı
		the en invent contin	tire right, title and ion, and in all app uation, internation	interest for th lications for p al, substitute :	e United States of atent including a and reissue appli	of A way icati	pirs, successors, assigns and legal representatives, unerica as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	A COMPOSIT	E STRUCTUI	RE WITH VIBR	ΑT	IONAL PROPERTIES
	Application Number	(Attor	mey Docket No.	165673), f	filed on even date herewith or as
(12)	Alternative	(12)	U.S. Application	Number	14/439,829		
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Date	742015	Inventor Signature	Sam Dummer Sam Tyrunen	(SEAL)
			Sami Turunang	
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither	This assignment should preferably be so then it should be signed before at least to		ic if within the U.S.A. (b) a U.S. Consul if outside the:	e U.S.A. If
Date	7.4. <i>201</i> 5	Witness	<u> </u>	K.
Date	9.4. 2016	Witness		

ASSIGNMENT

	insere	(1)	Ham ROSOIYEN	(4)	Sam inchara	
(1-8)	Legal Name(s)	(3)	Jere SALMINEN	(4)	Petri MYLLYTIE	
	of Inventor(s)	(5)	Kari LUUKKO	(6)	Stefan FORS	
		(7)		(8)		
(9)	Insert Name of	the un		ciency of which are fer and set over to	r good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to	
(10)	Assignee Insert Address of Assignee	(10)	Aivar Aailon katu 1, Fi-00i		d	
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification such as Title, Case	(11)	A COMPOSITE STRUCTU	IRE WITH VIBRAT	IONAL PROPERTIES	
	Number, or Foreign Application Number	(Atto	mey Docket No. 165673),	filed on even date herewith or as	
(12)	Alternative	(12)	U.S. Application Number	14/439,829		
	Identification for		A 11.00	2015		
	filed applications	filed	April 30), 2015		

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Date	28,4,2015	Inventor Signature	Jere Salmina	(SEAL)
Date		Inventor Signature		
Date		Inventor Signature		(SEAL)
Date	,	Investor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither	This assignment should preferably be, then it should be signed before at least		lic if within the U.S.A. (b) a U.S. Consul if outside the re:	e U.S.A. If
Date	28.4. 2015	Witness	<u> </u>	
Flate	20.4. 2015	Wienes	Amadaddd -	

ASSIGNMENT

	laseri	(1)	Harri KOSONEN		(2)	Sami TURUNEN		
(8-1)	Legal Name(s)	(3)	Jere SALMINEN		(4)	Petri MYLLYTIE		
	of inventor(s)	(5)	Kari LUUKKO		(6)	Stefan FORS		
		(7)			(8)			
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(9)	Insert Name of Assignee	(9) UPM-KYMMENE CORPORATION						
(10)	insert Address of Assignee	(10) Alvar Aallon katu I, FI-00100 Helsinki, Finland						
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	auch as thie, Case Number, or Foreign Application Number							
		(Attor	ney Docket No.	65673), fi	lled on even date herewith or as		
(12)	Alternative	(12)	U.S. Application Nu	mber 14	4/439,829			
	identification for filed applications	filed	April 30,	2015				

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Date	15/04/2015	laventor Signature		(SEAL)
Date	<u> </u>	Inventor Signature	Petri Mylly Ne	(SEAL)
Date		laventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		्राः (SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither,	This assignment should preferably be significant then it should be signed before at least two	ned before: (a) a Notary Pub o witnesses who also sign he	lic if within the U.S.A. (b) a U.S. Consul if outside re:	the U _S S _s A _s . If
Date	<u> </u>	Witness		
Date	11/6/2016	Witness		***************************************

ASSIGNMENT

Hami VINCONIEN

	K DD SICK W	(1)	Hani Koson	LUIN	(*)	Same Constrain		
(1-8)	Legal Name(s)	(3)	Jere SALMIN	EN	(4)	Petri MYLLYTIE		
	of inventor(s)	(5)	Kari LUUKK()	(6)	Stefan FORS		
		(7)			(8)			
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to						
(9)	Insert Name of Assignee	(9)	UPM-KYMM	ENE CORPORAT	TON			
(10)	Insert Address of Assignee	(10)) Aivar Aallon katu I, FI-00100 Heisinki, Finland					
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as						
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			***************************************	***************************************	***************************************	·		
		(Attor	ney Docket No.	165673),	filed on even date herewith or as		
(12)	Alternative	(12)	U.S. Application	n Number 1	14/439,829			
	Identification for							
	filed applications	filed		April 30, 2015		\mathcal{F}		

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Date	April 2,2015	Inventor Signature	Kani Luukko	(SEAL)
Date	÷	Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		_ Inventor Signature		(SEAL)
neither	This assignment should preferably be signed, then it should be signed before at least tw		ic if within the U.S.A. (b) a U.S. Consul if outside	e the U.S.A. If
Date	April Q. 2015	Witness	404	·
Date	Min 12, 2018	Witness	Amul (III)	<i>X</i>

ASSIGNMENT

	ASSOCA 8	(1)	HART KUSUN	C14	MARAAAAAAAAAAAAA	(2)	Sami TURUNEN		
(1-8)	Legal Name(s)	(3)	Jere SALMIN	EN		(4)	Petri MYLLYTIE		
	of Inventor(s)	(5)	Kari LUUKKO)		(6)	Stefan FORS		
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(10)	Insert Address of Assignee	(10)	(10) Alvar Aallon katu I, FI-00100 Helsinki, Finland						
		the ent invent contin	tire right, title and ion, and in all appuation, internation	interest for t dications for particular and, substitute	he United States patent including and reissue app	s of A ; any : dicati	cirs, successors, assigns and legal representatives, america as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, lon(s), and all Letters Patent, extensions, reissues invention known as		
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Date	<u> 24 3015 </u>	Inventor Signature	- 156/1/2 FOR	(SEAL)
Date		Inventor Signature	-	(SEAL)
Date		Inventor Signature	•	(SEAL)
Date	***************************************	Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
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neither,	This assignment should preferably be sitten it should be signed before at least tw	gned before: (a) a Notary Pub vo witnesses who also sign he	dic if within the U.S.A. (b) a U.S. Consul if outside the	e U.S.A. If
Date	9.4.2015	Witness		
Date	9.4.2015	Witness	Minzilla.	