

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARKUS HEEB	06/05/2018
MARJAN GILANI	05/25/2018
FRANCIS SCHWARZE	06/18/2018
SEBASTIEN JOSSET	05/17/2018
RECEIVING PARTY DATA	
Name:	EMPA EIDGENOESSISCHE MATERIALPRUEFUNGS- UND FORSCHUNGSANSTALT
Street Address:	UEBERLANDSTRASSE 129
City:	DUEBENDORF
State/Country:	SWITZERLAND
Postal Code:	8600
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16065819
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	(212) 213-0135
Email:	natzmer@avn-law.com
Correspondent Name:	AGRIS AND VON NATZMER LLP
Address Line 1:	43 WEST 43RD STREET
Address Line 2:	SUITE 104
Address Line 4:	NEW YORK, NEW YORK 10036-7424
ATTORNEY DOCKET NUMBER:	3053-106
NAME OF SUBMITTER:	JOYCE VON NATZMER
SIGNATURE:	/Joyce v. Natzmer/
DATE SIGNED:	06/27/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8	

source=3053-106_ASG-DEC_Francis SCHWARZE -6-19-2018_SIGNED#page1.tif
source=3053-106_ASG-DEC_Francis SCHWARZE -6-19-2018_SIGNED#page2.tif
source=3053-106_ASG-DEC_Marjan GILANI-6-19-2018_SIGNED#page1.tif
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source=3053-106_ASG-DEC_Sebastian JOSSET-6-19-2018_SIGNED#page1.tif
source=3053-106_ASG-DEC_Sebastian JOSSET-6-19-2018_SIGNED#page2.tif
source=3053-106-ASG-DEC-Hebb_5-11-2018_SIGNED#page1.tif
source=3053-106-ASG-DEC-Hebb_5-11-2018_SIGNED#page2.tif

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)	Attorney Docket No.	3053-106
	First Named Inventor	Francis SCHWARZE
	Application Number	N/A
	Filing Date	December 28, 2016
	Group Art Unit	N/A
	Examiner Name	N/A

As the below named inventor, I, Francis SCHWARZE, hereby declare that:

This declaration is directed to the above application entitled **METHOD FOR IMPROVING THE ACOUSTIC PROPERTIES OF SPRUCE RESONANCE WOOD**, the specification of which was filed on **December 28, 2016** as international application **PCT/EP2016/082761**, claiming priority to patent application no(s). **EP15203220.7** filed **December 30, 2015** and **EP16164755.7** filed **April 11, 2016**.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby authorize any practitioner associated with customer no. 46002 to insert here in parentheses (Appl. No. 16/065,819) the U.S. application number of said national stage application when known.

WHEREAS, EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt incorporated in **SWITZERLAND** with a place of business at Ueberlandstrasse 129, Duebendorf, 8600 Switzerland, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application;

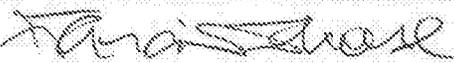
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I the said **Francis SCHWARZE**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based

upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said **EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said **EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

I hereby declare that all statements made herein of my 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 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF INVENTOR:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given, Middle [if any] and Family Name: Francis SCHWARZE	
Inventor's Signature 	Date 18.06.2018

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)	Attorney Docket No.	3053-106
	First Named Inventor	Francis SCHWARZE
	Application Number	N/A
	Filing Date	December 28, 2016
	Group Art Unit	N/A
	Examiner Name	N/A

As the below named inventor, I, **Marjan GILANI**, hereby declare that:

This declaration is directed to the above application entitled **METHOD FOR IMPROVING THE ACOUSTIC PROPERTIES OF SPRUCE RESONANCE WOOD**, the specification of which was filed on **December 28, 2016** as international application **PCT/EP2016/082761**, claiming priority to patent application no(s). **EP15203220.7** filed **December 30, 2015** and **EP16164755.7** filed **April 11, 2016**.

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WHEREAS, EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt incorporated in **SWITZERLAND** with a place of business at Ueberlandstrasse 129, Duebendorf, 8600 Switzerland, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I the said **Marjan GILANI**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based

upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

I hereby declare that all statements made herein of my 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 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF INVENTOR:	<input type="checkbox"/>	A petition has been filed for this unsigned inventor
Given, Middle [if any] and Family Name: Marjan GILANI		
Inventor's Signature	<i>Sadiq Gilani</i>	Date <i>25.5.2018</i>

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)	Attorney Docket No.	3053-106
	First Named Inventor	Francis SCHWARZE
	Application Number	N/A
	Filing Date	December 28, 2016
	Group Art Unit	N/A
	Examiner Name	N/A

As the below named inventor, I, **Sebastien JOSSET**, hereby declare that:

This declaration is directed to the above application entitled **METHOD FOR IMPROVING THE ACOUSTIC PROPERTIES OF SPRUCE RESONANCE WOOD**, the specification of which was filed on **December 28, 2016** as international application **PCT/EP2016/082761**, claiming priority to patent application no(s). **EP15203220.7** filed **December 30, 2015** and **EP16164755.7** filed **April 11, 2016**.

The above-identified application was made or authorized to be made by me.

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I hereby authorize any practitioner associated with customer no. 46002 to insert here in parentheses (Appl. No. 16/065,819) the U.S. application number of said national stage application when known.

WHEREAS, EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt incorporated in **SWITZERLAND** with a place of business at Ueberlandstrasse 129, Duebendorf, 8600 Switzerland, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I the said **Sebastien JOSSET**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based

upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said **EMPA Eidgenossische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said **EMPA Eidgenossische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **EMPA Eidgenossische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

I hereby declare that all statements made herein of my 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 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF INVENTOR:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given, Middle [if any] and Family Name: Sebastien JOSSET	
Inventor's Signature	Date 17.5.2018

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)	Attorney Docket No.	3053-106
	First Named Inventor	Francis SCHWARZE
	Application Number	N/A
	Filing Date	December 28, 2016
	Group Art Unit	N/A
	Examiner Name	N/A

As the below named inventor, I, **Markus HEEB**, hereby declare that:

This declaration is directed to the above application entitled **METHOD FOR IMPROVING THE ACOUSTIC PROPERTIES OF SPRUCE RESONANCE WOOD**, the specification of which was filed on **December 28, 2016** as international application **PCT/EP2016/082761**, claiming priority to patent application no(s). **EP15203220.7** filed **December 30, 2015** and **EP16164755.7** filed **April 11, 2016**.

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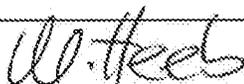
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I the said **Markus HEEB**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based

upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said **EMPA Eidgenoessische Materialpruefungs- und Forschungsanstalt**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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NAME OF INVENTOR:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given, Middle [if any] and Family Name: Markus HEEB	
Inventor's Signature	Date
	05.06.2018