

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5115068

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNORS WHICH WERE ERRONIOUSLY LEFT OUT DURING THE ORIGINAL RECORDING OF THE ASSIGNMENT WHICH WAS previously recorded on Reel 045292 Frame 0824. Assignor(s) hereby confirms the FULL SET OF ASSIGNORS INCLUDES ALEJANDRO GARCIA PEREZ, HEIKKI JUHANI NIEMINEN, AINO TIETÄVÄINEN AND EDWARD HAEGGSTROM..
<b>RESUBMIT DOCUMENT ID:</b>	504833398

## CONVEYING PARTY DATA

Name	Execution Date
ALEJANDRO GARCIA PEREZ	02/07/2018
EDWARD HAEGGSTROM	02/10/2018
HEIKKI JUHANI NIEMINEN	03/16/2018
AINO TIETÄVÄINEN	02/05/2018

## RECEIVING PARTY DATA

<b>Name:</b>	HELSINGIN YLIOPISTO
<b>Street Address:</b>	PL3, FABIANINKATU 33
<b>City:</b>	HELSINKI
<b>State/Country:</b>	FINLAND

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15748657

## CORRESPONDENCE DATA

Fax Number:

*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.*

Email: mail@belayip.com

Correspondent Name: BELAYIP OY

Address Line 1: HIETALAHDENKATU 2 C 31B

Address Line 4: HELSINKI, FINLAND

<b>ATTORNEY DOCKET NUMBER:</b>	HY 2 US
<b>NAME OF SUBMITTER:</b>	JOSHUA P. WERT
<b>SIGNATURE:</b>	/Joshua P. Wert Reg. No. 65880/
<b>DATE SIGNED:</b>	08/29/2018
<b>Total Attachments: 7</b>	

source=HY2US\_2018-03-23\_CoverSheet#page1.tif  
source=HY2US\_2018-03-19\_Assignment\_signed#page1.tif  
source=HY2US\_2018-03-19\_Assignment\_signed#page2.tif  
source=HY2US\_2018-03-19\_Assignment\_signed#page3.tif  
source=HY2US\_2018-03-19\_Assignment\_signed#page4.tif  
source=HY2US\_2018-03-19\_Assignment\_signed#page5.tif  
source=HY2US\_2018-03-19\_Assignment\_signed#page6.tif

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4875506

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ALEJANDRO GARCIA PEREZ	01/30/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HELSINGIN YLIOPISTO	
<b>Street Address:</b>	FABIANINKATU 33	
<b>City:</b>	HELSINKI	
<b>State/Country:</b>	FINLAND	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Application Number:</b>	15748657
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>	mail@belayip.com	
<b>Correspondent Name:</b>	BELAYIP	
<b>Address Line 1:</b>	HIETALAHDENKATU 12 C 31B	
<b>Address Line 4:</b>	HELSINKI, FINLAND	
<b>ATTORNEY DOCKET NUMBER:</b>	HY 2 US	
<b>NAME OF SUBMITTER:</b>	JOSHUA P. WERT	
<b>SIGNATURE:</b>	/Joshua P. Wert Reg. No. 65880/	
<b>DATE SIGNED:</b>	03/20/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>		
source=HY2US_2018-03-19_Assignment_signed#page1.tif		
source=HY2US_2018-03-19_Assignment_signed#page2.tif		
source=HY2US_2018-03-19_Assignment_signed#page3.tif		
source=HY2US_2018-03-19_Assignment_signed#page4.tif		
source=HY2US_2018-03-19_Assignment_signed#page5.tif		
source=HY2US_2018-03-19_Assignment_signed#page6.tif		

**BELAYIP OY**UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**ASSIGNMENT**Application No. 15/748,657Filed: 2018-01-30Insert Name(s)  
of Inventor(s)\*\*\***(Given Name FAMILY NAME (ALL CAPS))**\*\*\*

WHEREAS,

Alejandro GARCIA PEREZ

Heikki Juhani NIEMINEN

Aino TIETÄVÄINEN

Edward HAEGGSTRÖM

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title  
of Invention**Device and method for localized delivery and extraction of material**

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date  
of Signing of  
Applicationon 2015-08-04; andInsert Name  
of AssigneeWHEREAS, Helsingin YliopistoInsert Address  
of Assigneeof PL 3 (Fabianinkatu 33) FI-00014 Helsingin yliopisto

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefore in the United States of America and in any foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid or other previous agreed upon amount, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

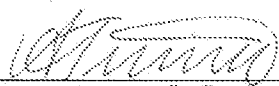
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) BelayIP Oy the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Name of Inventor _____ (signature) Alejandro GARCIA PEREZ
Date _____	Name of Inventor _____ (signature) Heikki Juhani NIEMINEN
Date <u>5.2.2018</u>	Name of Inventor  (signature) Aino TIETÄVÄINEN
Date _____	Name of Inventor _____ (signature) Edward HAEGGSTROM
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)

07-2016

BelayIP Oy

JPW

**BELAYIP OY**  
 UNITED STATES PATENT RIGHTS, OR  
 UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

Application No. 15/748,657Filed: 2018-01-30Insert Name(s)  
of Inventor(s)

\*\*\* (Given Name FAMILY NAME (ALL CAPS)) \*\*\*

WHEREAS,

Alejandro GARCIA PEREZ

Heikki Juhani NIEMINEN

Aino TIETÄVÄINEN

Edward HAEGGSTRÖM

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title  
of Invention

Device and method for localized delivery and extraction of material

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date  
of Signing of  
Applicationon 2018-08-04 : andInsert Name  
of AssigneeWHEREAS, Helsingin YliopistoInsert Address  
of Assigneeof PL 3 (Fabianinkatu 33) FI-00014 Helsingin yliopisto

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefore in the United States of America and in any foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid or other previous agreed upon amount, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) BelayIP Oy the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
(signature) Alejandro GARCIA PEREZ

Date 16.3.2018 Name of Inventor \_\_\_\_\_  
(signature) Heikki Juhani NIEMINEN

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
(signature) Aino TIETÄVÄINEN

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
(signature) Edward HAEGGSTRÖM

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
(signature)

07-2016

BelayIP Oy

JPW

**BELAYIP OY**  
 UNITED STATES PATENT RIGHTS, OR  
 UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

Application No. 15/748,657Filed: 2018-01-30Insert Name(s)  
of Inventor(s)

\*\*\* (Given Name FAMILY NAME (ALL CAPS)) \*\*\*

WHEREAS,

Alejandro GARCIA PEREZ

Heikki Juhani NIEMINEN

Aino TIETÄVÄINEN

Edward HAEGGSTRÖM

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title  
of Invention

Device and method for localized delivery and extraction of material

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date  
of Signing of  
Applicationon 2018-08-04 : andInsert Name  
of AssigneeWHEREAS, Helsingin YliopistoInsert Address  
of Assigneeof PL 3 (Fabianinkatu 33) FI-00014 Helsingin yliopisto

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefore in the United States of America and in any foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid or other previous agreed upon amount, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.



The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

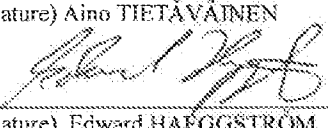
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) BelayIP Oy the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>07 February 2018</u>	Name of Inventor <u></u> (signature) Alejandro GARCIA PEREZ
Date _____	Name of Inventor _____ (signature) Heikki Juhani NIEMINEN
Date _____	Name of Inventor _____ (signature) Aino TIETÄVÄINEN
Date <u>10<sup>th</sup> Feb 2018</u>	Name of Inventor <u></u> (signature) Edward HÄGGSTRÖM
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)

07-2016

BelayIP Oy

JPW