

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8263009

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHEN Y. CHOU	07/08/2022
WEI DING	08/04/2022
JI QI	07/13/2022
YUFAN ZHANG	07/21/2022
HUA TAN	07/14/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ESSENLIX CORPORATION
<b>Street Address:</b>	1 DEERPARK DRIVE
<b>Internal Address:</b>	SUITE R
<b>City:</b>	MONMOUTH JUNCTION
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08852
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16772396
<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>	esxip@essenlix.com, xiongying.tu@essenlix.com
<b>Correspondent Name:</b>	ESSENLIX CORPORATION
<b>Address Line 1:</b>	1 DEERPARK DRIVE
<b>Address Line 2:</b>	SUITE R
<b>Address Line 4:</b>	MONMOUTH JUNCTION, NEW JERSEY 08852
<b>NAME OF SUBMITTER:</b>	XIONGYING TU
<b>SIGNATURE:</b>	/Xiongying Tu/
<b>DATE SIGNED:</b>	11/07/2023
<b>Total Attachments: 5</b>	
source=ESX-014-5US_Wayne-Sign#page1.tif	

source=ESX-014-5US\_Yufan\_Zhang-executed#page1.tif  
source=ESX-014-5US\_Ji Qi\_assignment#page1.tif  
source=ESX-014-5US\_Assingment\_Steve#page1.tif  
source=ESX-014-5US\_Assingment\_Hua\_TAN\_executed#page1.tif

**ASSIGNMENT OF PATENT APPLICATION OR PATENT (SEPARATE)**

Docket No.: ESX-014-5US

THIS ASSIGNMENT, by **Wei DING**, (hereinafter referred to as the assignor), witnesseth:

WHEREAS, the said assignor is an inventor of the invention entitled

**"SAMPLE MANIPULATION AND ASSAY WITH RAPID TEMPERATURE CHANGE"**

filed on **June 12, 2020**, as U.S. Patent Application No. **16/772,396**.

WHEREAS, Essenlix Corporation, a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1 Deerpark Drive, Suite R, Monmouth Junction, New Jersey 08852 (hereinafter referred to as the assignee) is desirous of acquiring said assignor's entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignor's right title and interest in and to the above-mentioned invention, patent application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 08/04/22

Signature of Inventor: Wei Ding

Name of Inventor (print): Wei DING

Hereby accepted on behalf of the assignee

Stephen Chou

Signature

July 8, 2022

Date

Stephen Chou

Name (print)

Founder and Co-Chairman, Essenlix Corporation

Title and Corporation

**PATENT**

**REEL: 065481 FRAME: 0193**

**ASSIGNMENT OF PATENT APPLICATION OR PATENT (SEPARATE)**

Docket No.: ESX-014-5US

THIS ASSIGNMENT, by Yufan ZHANG, (hereinafter referred to as the assignor), witnesseth:

WHEREAS, the said assignor is an inventor of the invention entitled

**"SAMPLE MANIPULATION AND ASSAY WITH RAPID TEMPERATURE CHANGE"**

filed on June 12, 2020, as U.S. Patent Application No. 16/772,396.

WHEREAS, Essenlix Corporation, a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1 Deerpark Drive, Suite R, Monmouth Junction, New Jersey 08852 (hereinafter referred to as the assignee) is desirous of acquiring said assignor's entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignor's right title and interest in and to the above-mentioned invention, patent application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 07.21, 2022

Signature of Inventor: Yufan Zhang  
Name of Inventor (print): Yufan Zhang

Hereby accepted on behalf of the assignee

Stephen Chou

July 18, 2022

Signature

Date

Stephen Chou

Name (print)

Founder and Co-Chairman, Essenlix Corporation

Title and Corporation

ASSIGNMENT OF PATENT APPLICATION OR PATENT (SEPARATE)

Docket No.: ESX-014-5US

THIS ASSIGNMENT, by JI QI, (hereinafter referred to as the assignor), witnesseth:

WHEREAS, the said assignor is an inventor of the invention entitled

**"SAMPLE MANIPULATION AND ASSAY WITH RAPID TEMPERATURE CHANGE"**

filed on June 12, 2020, as U.S. Patent Application No. 16/772,396.

WHEREAS, Essenlix Corporation, a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1 Deerpark Drive, Suite R, Monmouth Junction, New Jersey 08852 (hereinafter referred to as the assignee) is desirous of acquiring said assignor's entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignor's right title and interest in and to the above-mentioned invention, patent application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 07/13/2022

Signature of Inventor: \_\_\_\_\_

Name of Inventor (print): \_\_\_\_\_

Ji Qi

Hereby accepted on behalf of the assignee

Signature

July 13, 2022

Date

Stephen Chou

Name (print)

Founder and Co-Chairman, Essenlix Corporation

Title and Corporation

**ASSIGNMENT OF PATENT APPLICATION OR PATENT (SEPARATE)**

Docket No.: ESX-014-5US

THIS ASSIGNMENT, by **Stephen Y. CHOU**, (hereinafter referred to as the assignor), witnesseth:

WHEREAS, the said assignor is an inventor of the invention entitled

**“SAMPLE MANIPULATION AND ASSAY WITH RAPID TEMPERATURE CHANGE”**

filed on **June 12, 2020**, as U.S. Patent Application No. **16/772,396**.

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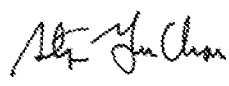
NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignor’s right title and interest in and to the above-mentioned invention, patent application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

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AND for the same consideration, the said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

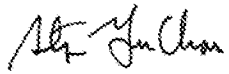
AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date July 8, 2022

Signature of Inventor: 

Name of Inventor (print): Stephen Y. CHOU

**Hereby accepted on behalf of the assignee**



Signature

July 8, 2022

Date

Stephen Y. Chou

Name (print)

Founder and Co-Chairman, Essenlix Corporation

Title and Corporation

**ASSIGNMENT OF PATENT APPLICATION OR PATENT (SEPARATE)**

Docket No.: ESX-014-5US

THIS ASSIGNMENT, by **Hua TAN**, (hereinafter referred to as the assignor), witnesseth:

WHEREAS, the said assignor is an inventor of the invention entitled

**"SAMPLE MANIPULATION AND ASSAY WITH RAPID TEMPERATURE CHANGE"**

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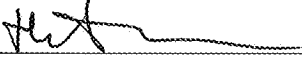
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AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 7/14/2022 Signature of Inventor:   
Name of Inventor (print): Hua TAN

Hereby accepted on behalf of the assignee

 July 13, 2022  
Signature Date

Stephen Chou  
Name (print)  
Founder and Co-Chairman, Essenlix Corporation  
Title and Corporation

**PATENT**