

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7215215

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GENGXIN CHEN	01/28/2022
SHAOBO LUO	01/28/2022
SHUWEI LI	01/28/2022
JICHAO YAN	01/28/2022
TIANZHEN AO	01/28/2022
YUAN LU	01/28/2022
MEI YAN	02/06/2022
RECEIVING PARTY DATA	
Name:	GENESENSE TECHNOLOGY INC.
Street Address:	ROOM 307, BUILDING 3, 111 XIANGKE ROAD
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	201210
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17681672
CORRESPONDENCE DATA	
Fax Number:	(212)529-5132
<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:	212-529-5131
Email:	docket@mkwllp.com
Correspondent Name:	MAURIEL KAPOUYTIAN WOODS LLP
Address Line 1:	15 W. 26TH STREET
Address Line 2:	7TH FLOOR
Address Line 4:	NEW YORK, NEW YORK 10010
ATTORNEY DOCKET NUMBER:	10329-2000500
NAME OF SUBMITTER:	CHRISTIAN NEVILLE
SIGNATURE:	/Christian Neville/
DATE SIGNED:	03/09/2022

PATENT

Total Attachments: 14

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source=10329-2000500 Inventor Assignment#page12.tif
source=10329-2000500 Inventor Assignment#page13.tif
source=10329-2000500 Inventor Assignment#page14.tif

ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between **Gengxin Chen**, an individual (referred to hereinafter as "ASSIGNOR"), and **GeneSense Technology Inc.**, a corporation having its principal place of business at **Room 307, No. 3 Building, 111 Xiangke Road, Shanghai, China 201210** (referred to hereinafter as "ASSIGNEE").

WHEREAS, the undersigned ASSIGNOR has invented certain subject matter in "**DEEP LEARNING BASED METHODS AND SYSTEMS FOR NUCLEIC ACID SEQUENCING**", including one or more inventions disclosed in a non-provisional application for Letters Patent from the United States of America filed on February 25, 2022 having Application Serial Number 17/681,672, and/or in an application filed under the Patent Cooperation Treaty ("PCT application") filed on December 24, 2021, having a PCT Application Number PCT/CN2021/141269 which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application listed above, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain,

maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

This assignment embodies the entire understanding of ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION. No amendment or modification of this assignment shall be valid or binding upon ASSIGNOR or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNOR and ASSIGNEE by their respective duly authorized representative.

ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

SIGNATURE OF ASSIGNOR

X *Gengxin Chen*
GENGXIN CHEN

Date: 2022/1/28

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: *Mei Yan*

Name: Mei Yan

Title: CEO

Date: 2022/02/06

ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between **Shaobo Luo**, an individual (referred to hereinafter as "ASSIGNOR"), and **GeneSense Technology Inc.**, a corporation having its principal place of business at **Room 307, No. 3 Building, 111 Xiangke Road, Shanghai, China 201210** (referred to hereinafter as "ASSIGNEE").

WHEREAS, the undersigned ASSIGNOR has invented certain subject matter in "**DEEP LEARNING BASED METHODS AND SYSTEMS FOR NUCLEIC ACID SEQUENCING**", including one or more inventions disclosed in a non-provisional application for Letters Patent from the United States of America filed on February 25, 2022 having Application Serial Number 17/681,672, and/or in an application filed under the Patent Cooperation Treaty ("PCT application") filed on December 24, 2021, having a PCT Application Number PCT/CN2021/141269 which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application listed above, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain,

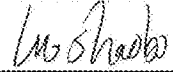
maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

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ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

SIGNATURE OF ASSIGNOR

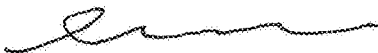
X 

SHAOBO LUO

Date: 2022/01/28

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: 

Name: Mei Yan

Title: CEO

Date: 2022/02/06

ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between **Shuwei LI**, an individual (referred to hereinafter as "ASSIGNOR"), and **GeneSense Technology Inc.**, a corporation having its principal place of business at **Room 307, No. 3 Building, 111 Xiangke Road, Shanghai, China 201210** (referred to hereinafter as "ASSIGNEE").

WHEREAS, the undersigned ASSIGNOR has invented certain subject matter in "**DEEP LEARNING BASED METHODS AND SYSTEMS FOR NUCLEIC ACID SEQUENCING**", including one or more inventions disclosed in a non-provisional application for Letters Patent from the United States of America filed on February 25, 2022 having Application Serial Number 17/681,672, and/or in an application filed under the Patent Cooperation Treaty ("PCT application") filed on December 24, 2021, having a PCT Application Number PCT/CN2021/141269 which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the **INVENTION**;

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said **INVENTION**, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his entire title, right, and interest in and to the **INVENTION**, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said **INVENTION** by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the **INVENTION** in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said **INVENTION**, including the patent application listed above, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain,

maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

This assignment embodies the entire understanding of ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION. No amendment or modification of this assignment shall be valid or binding upon ASSIGNOR or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNOR and ASSIGNEE by their respective duly authorized representative.

ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

SIGNATURE OF ASSIGNOR

X Shuwei Li
SHUWEILI

Date: 2022.1.28

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: [Signature]

Name: Mei Yan

Title: CEO

Date: 2022/02/06

ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between Jichao Yan, an individual (referred to hereinafter as "ASSIGNOR"), and GeneSense Technology Inc., a corporation having its principal place of business at Room 307, No. 3 Building, 111 Xiangke Road, Shanghai, China 201210 (referred to hereinafter as "ASSIGNEE").

WHEREAS, the undersigned ASSIGNOR has invented certain subject matter in "DEEP LEARNING BASED METHODS AND SYSTEMS FOR NUCLEIC ACID SEQUENCING", including one or more inventions disclosed in a non-provisional application for Letters Patent from the United States of America filed on February 25, 2022 having Application Serial Number 17/681,672, and/or in an application filed under the Patent Cooperation Treaty ("PCT application") filed on December 24, 2021, having a PCT Application Number PCT/CN2021/141269 which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application listed above, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain,

maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

This assignment embodies the entire understanding of ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION. No amendment or modification of this assignment shall be valid or binding upon ASSIGNOR or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNOR and ASSIGNEE by their respective duly authorized representative.

ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

SIGNATURE OF ASSIGNOR


X 

JICHAO YAN

Date: 2022/1/28

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: 

Name: Mei Yan

Title: CEO

Date: 2022/02/06

ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between **Tianzhen Ao**, an individual (referred to hereinafter as "ASSIGNOR"), and **GeneSense Technology Inc.**, a corporation having its principal place of business at **Room 307, No. 3 Building, 111 Xiangke Road, Shanghai, China 201210** (referred to hereinafter as "ASSIGNEE").

WHEREAS, the undersigned ASSIGNOR has invented certain subject matter in "**DEEP LEARNING BASED METHODS AND SYSTEMS FOR NUCLEIC ACID SEQUENCING**", including one or more inventions disclosed in a non-provisional application for Letters Patent from the United States of America filed on February 25, 2022 having Application Serial Number 17/681,672, and/or in an application filed under the Patent Cooperation Treaty ("PCT application") filed on December 24, 2021, having a PCT Application Number PCT/CN2021/141269 which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application listed above, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain,

maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

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ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

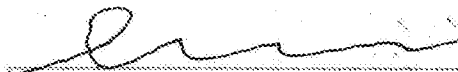
SIGNATURE OF ASSIGNOR

X 
TIANZHEN AO

Date: 2022/1/28

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: 

Name: Mei Yan

Title: CEO

Date: 2022/02/06

ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between **Yuan Lu**, an individual (referred to hereinafter as "ASSIGNOR"), and **GeneSense Technology Inc.**, a corporation having its principal place of business at **Room 307, No. 3 Building, 111 Xiangke Road, Shanghai, China 201210** (referred to hereinafter as "ASSIGNEE").

WHEREAS, the undersigned ASSIGNOR has invented certain subject matter in "**DEEP LEARNING BASED METHODS AND SYSTEMS FOR NUCLEIC ACID SEQUENCING**", including one or more inventions disclosed in a non-provisional application for Letters Patent from the United States of America filed on February 25, 2022 having Application Serial Number 17/681,672, and/or in an application filed under the Patent Cooperation Treaty ("PCT application") filed on December 24, 2021, having a PCT Application Number PCT/CN2021/141269 which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

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SIGNATURE OF ASSIGNOR

X YUAN LU
YUAN LU

Date: 2022/1/28

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: Mei Yan

Name: Mei Yan

Title: CEO

Date: 2022/02/06

ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between **Mei Yan**, an individual (referred to hereinafter as "ASSIGNOR"), and **GeneSense Technology Inc.**, a corporation having its principal place of business at **Room 307, No. 3 Building, 111 Xiangke Road, Shanghai, China 201210** (referred to hereinafter as "ASSIGNEE").

WHEREAS, the undersigned ASSIGNOR has invented certain subject matter in "DEEP LEARNING BASED METHODS AND SYSTEMS FOR NUCLEIC ACID SEQUENCING", including one or more inventions disclosed in a non-provisional application for Letters Patent from the United States of America filed on February 25, 2022 having Application Serial Number 17/681,672, and/or in an application filed under the Patent Cooperation Treaty ("PCT application") filed on December 24, 2021, having a PCT Application Number PCT/CN2021/141269 which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application listed above, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain,


maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

This assignment embodies the entire understanding of ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION. No amendment or modification of this assignment shall be valid or binding upon ASSIGNOR or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNOR and ASSIGNEE by their respective duly authorized representative.

ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.


SIGNATURE OF ASSIGNOR

X 
MEI YAN

Date: 2022/02/06

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: 

Name: Mei Yan

Title: CEO

Date: 2022/02/06