



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 12, 2023

PTAS

NIXON PEABODY LLP
ONE CAL PLAZA
300 SOUTH GRAND AVENUE, 41ST FLOOR
LOS ANGELES, CA 90071

508276259

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/11/2023

REEL/FRAME: 065832/0381
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 096034-000005USPL

ASSIGNOR:
RABINOVICH, BRIAN

DOC DATE: 06/19/2023

ASSIGNOR:
TAKIMOTO, JEFFREY

DOC DATE: 06/18/2023

ASSIGNOR:
ZHOU, XUEYUAN

DOC DATE: 06/18/2023

ASSIGNEE:
FUSE BIOTHERAPEUTICS INC.
7A HENSHAW STREET
WOBURN, MASSACHUSETTS 01801

APPLICATION NUMBER: 63472939
PATENT NUMBER:
TITLE: IL-15 VARIANTS AND METHODS OF USE

FILING DATE: 06/14/2023
ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

WHEREAS, we, **Brian RABINOVICH, Jeffrey TAKIMOTO and Xueyuan ZHOU** (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled “**IL-15 VARIANTS AND METHODS OF USE**” as described and claimed in the specification forming part of U.S. Provisional Application Serial No. **63/472,939** filed **June 14, 2023**; and

WHEREAS, **FUSE BIOTHERAPEUTICS INC.**, (hereinafter referred to as ASSIGNEE), having a place of business at 7A Henshaw Street, Woburn, MA, 01801 is desirous of acquiring my entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner for Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

Assignment for U.S. Provisional Application No. 63/472,939 filed June 14, 2023

06 / 19 / 2023

Date

By



BRIAN RABINOVICH

06 / 18 / 2023

Date

By



JEFFREY TAKIMOTO

06 / 18 / 2023

Date

By



XUEYUAN ZHOU



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 27, 2023

PTAS

NIXON PEABODY LLP
ONE CAL PLAZA
300 SOUTH GRAND AVENUE, 41ST FLOOR
LOS ANGELES, CA 90071

507978523

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RECORDATION DATE: 06/26/2023

REEL/FRAME: 064059/0534
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 096034-000006USPL

ASSIGNOR:
RABINOVICH, BRIAN

DOC DATE: 06/19/2023

ASSIGNOR:
TAKIMOTO, JEFFREY

DOC DATE: 06/18/2023

ASSIGNOR:
ZHOU, XUEYUAN

DOC DATE: 06/18/2023

ASSIGNEE:
FUSE BIOTHERAPEUTICS INC.
7A HENSHAW STREET
WOBURN, MASSACHUSETTS 01801

APPLICATION NUMBER: 63472972
PATENT NUMBER:
TITLE: MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF

FILING DATE:
ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

WHEREAS, we, **Brian RABINOVICH, Jeffrey TAKIMOTO and Xueyuan ZHOU** (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled **“MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF”** as described and claimed in the specification forming part of U.S. Provisional Application Serial No. **63/472,972** filed **June 14, 2023**; and

WHEREAS, **FUSE BIOTHERAPEUTICS INC.**, (hereinafter referred to as ASSIGNEE), having a place of business at 7A Henshaw Street, Woburn, MA, 01801 is desirous of acquiring my entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner for Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

Assignment for U.S. Provisional Application No. 63/472,972 filed June 14, 2023

06 / 19 / 2023

Date

By



BRIAN RABINOVICH

06 / 18 / 2023

Date

By



JEFFREY TAKIMOTO

06 / 18 / 2023

Date

By



XUEYUAN ZHOU



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 25, 2023

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NIXON PEABODY LLP
ONE CAL PLAZA
300 SOUTH GRAND AVENUE, 41ST FLOOR
LOS ANGELES, CA 90071

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RECORDATION DATE: 07/24/2023

REEL/FRAME: 064354/0065
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 096034-000006USP2

ASSIGNOR:
RABINOVICH, BRIAN

DOC DATE: 07/22/2023

ASSIGNOR:
TAKIMOTO, JEFFREY

DOC DATE: 07/22/2023

ASSIGNOR:
ZHOU, XUEYUAN

DOC DATE: 07/22/2023

ASSIGNEE:
FUSE BIOTHERAPEUTICS INC.
7A HENSHAW STREET
WOBURN, MASSACHUSETTS 01801

APPLICATION NUMBER: 63527948

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

WHEREAS, we, **Brian RABINOVICH, Jeffrey TAKIMOTO and Xueyuan ZHOU** (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled **“MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF”** as described and claimed in the specification forming part of U.S. Provisional Application Serial No. **63/527,948** filed **July 20, 2023**; and

WHEREAS, **FUSE BIOTHERAPEUTICS INC.**, (hereinafter referred to as ASSIGNEE), having a place of business at 7A Henshaw Street, Woburn, MA, 01801 is desirous of acquiring my entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner for Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

07 / 22 / 2023

Date

By 

BRIAN RABINOVICH

07 / 22 / 2023

Date

By 

JEFFREY TAKIMOTO

07 / 22 / 2023

Date

By 

XUEYUAN ZHOU



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 12, 2023

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NIXON PEABODY LLP
ONE CAL PLAZA
300 SOUTH GRAND AVENUE, 41ST FLOOR
LOS ANGELES, CA 90071

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RECORDATION DATE: 09/11/2023

REEL/FRAME: 064860/0384
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 096034-000006USP3

ASSIGNOR:
RABINOVICH, BRIAN

DOC DATE: 08/13/2023

ASSIGNOR:
TAKIMOTO, JEFFREY

DOC DATE: 08/11/2023

ASSIGNOR:
ZHOU, XUEYUAN

DOC DATE: 08/11/2023

ASSIGNEE:
FUSE BIOTHERAPEUTICS INC.
7A HENSHAW STREET
WOBURN, MASSACHUSETTS 01801

APPLICATION NUMBER: 63530784

FILING DATE: 08/04/2023

PATENT NUMBER:

ISSUE DATE:

TITLE: MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

WHEREAS, we, **Brian RABINOVICH, Jeffrey TAKIMOTO and Xueyuan ZHOU** (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled **“MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF”** as described and claimed in the specification forming part of U.S. Provisional Application Serial No. **63/530,784** filed **August 4, 2023**; and

WHEREAS, **FUSE BIOTHERAPEUTICS INC.**, (hereinafter referred to as ASSIGNEE), having a place of business at 7A Henshaw Street, Woburn, MA, 01801 is desirous of acquiring my entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner for Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

08 / 13 / 2023

Date

By



BRIAN RABINOVICH

08 / 11 / 2023

Date

By



JEFFREY TAKIMOTO

08 / 11 / 2023

Date

By



XUEYUAN ZHOU



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 17, 2024

PTAS

LINDA B. HUBER
300 S. GRAND AVE., STE. 4100
LOS ANGELES, CA 90071

508760321

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RECORDATION DATE: 09/16/2024

REEL/FRAME: 068593/0553
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 096034-000006USP4

ASSIGNOR:
RABINOVICH, BRIAN

DOC DATE: 09/14/2024

ASSIGNOR:
TAKIMOTO, JEFFREY

DOC DATE: 09/14/2024

ASSIGNOR:
ZHOU, XUEYUAN

DOC DATE: 09/13/2024

ASSIGNEE:
FUSE BIOTHERAPEUTICS INC.
7A HENSHAW STREET
WOBURN, MASSACHUSETTS 01801

APPLICATION NUMBER: 63641265

FILING DATE: 05/01/2024

PATENT NUMBER:

ISSUE DATE:

TITLE: MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

WHEREAS, we, **Brian RABINOVICH, Jeffrey TAKIMOTO and Xueyuan ZHOU** (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled **“MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF”** as described and claimed in the specification forming part of U.S. Provisional Application Serial No. **63/641,265** filed **May 1, 2024**; and

WHEREAS, **FUSE BIOTHERAPEUTICS INC.**, (hereinafter referred to as ASSIGNEE), having a place of business at 7A Henshaw Street, Woburn, MA, 01801 is desirous of acquiring my entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner for Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

Assignment for U.S. Provisional Application No. 63/641,265 filed May 1, 2024

9/14/2024

Date

Signed by:

By 6EA1CE6DA8F74F5...
Brian RABINOVICH

9/14/2024

Date

DocuSigned by:

By AB6B5DBB49EE4B5...
Jeffrey TAKIMOTO

9/13/2024

Date

Signed by:

By ECA7D8B45FA14F4...
Xueyuan ZHOU