

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Seiichi AIKAWA	10/07/2008
Fumiko AIKAWA	10/07/2008

**RECEIVING PARTY DATA**

Name:	TOKYO METROPOLITAN ORGANIZATION FOR MEDICAL RESEARCH
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State/Country:	JAPAN
Postal Code:	163-8001

Name:	ALTIF LABORATORIES
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City:	Tokyo,
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**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12084982

**CORRESPONDENCE DATA**

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OP \$40.00 12084982

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082424

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Total Attachments: 2

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Westerman, Hattori, Daniels & Adrian, LLP

**ASSIGNMENT**

WHEREAS, **Seiichi AIKAWA**, an individual who is a citizen of Japan residing at **6-22-16, Nishi-Nippori, Arakawa-ku, Tokyo, 116-0013 Japan**; **Fumiko AIKAWA**, an individual who is a citizen of Japan residing at **-22-16, Nishi-Nippori, Arakawa-ku, Tokyo, 116-0013 Japan**; and **TOKYO METROPOLITAN ORGANIZATION FOR MEDICAL RESEARCH**, a corporation duly organized under the laws of Japan and having its principal place of business at **8-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-8001, Japan**; are the owners of the entire right, title and interest in the invention entitled "**NOVEL HIGHLY FUNCTIONAL ENZYME HAVING MODIFIED SUBSTRATE-SPECIFIC**", which is described and claimed in U.S. Patent Application No. **12/084,982**, of an assignment recorded at the U.S. Patent and Trademark Office on **May 14, 2008**, at Reel **020991**, Frame **0434**:

WHEREAS, **Seiichi AIKAWA and Fumiko AIKAWA**, hereinafter **ASSIGNORS** in this Assignment, wish to assign and transfer to **ALTIF LABORATORIES**, hereinafter **ASSIGNEE** in this Assignment, having an office and place of business at **45, Aomi, 2-chome, Koto-ku, Tokyo, 135-0064, Japan**, and said **ASSIGNEE** wishes to acquire the entire right, title and interest in, to and under said improvements and said United States Patent Application and any and all U.S. patents granted therein such that said entire right, title and interest is held by **TOKYO METROPOLITAN ORGANIZATION FOR MEDICAL RESEARCH and ALTIF LABORATORIES**.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by **ASSIGNEE** to **ASSIGNORS** of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged, **ASSIGNORS** hereby sell, assign and transfer to **ASSIGNEE** the full and exclusive right, title and interest to said improvements and said United States patents granted therefor and any continuation, divisional, renewal substitute or reissue thereof for the full term or terms for which the same may be granted.

**ASSIGNORS** hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and sale.

**ASSIGNORS** further covenants that it will, upon request by the **ASSIGNEE** promptly provide all pertinent facts and documents relating to said invention and said United States Patents as may be known and accessible to **ASSIGNORS** 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 representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said improvements and said United States patents which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, have hereunto set hand and seal this 7<sup>th</sup> day of October,  
2008.

Assignor: **Seiichi AIKAWA**

By: Seiichi Aikawa

Assignor: **Fumiko AIKAWA**

By: Fumiko Aikawa