

O I P E
OCT 08 2004

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)

10-14-2004

DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

RECORD
F



To the Director of the U.S. Patent and Trademark Office **102858161** new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
Seiko Instruments Inc.

Execution Dates: September 8, 2004
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: SII Nano Technology Inc.
Internal Address: _____
Street Address: _____
10/8/04
8, Nakase 1-chome
Mihama-ku
City: Chiba-shi
State: Chiba
Country: JAPAN Zip: 261-8507
Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
10/050,608
Additional numbers attached? Yes No

B. Patent No.(s)

 Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: COVINGTON & BURLING
Internal Address: Patent Docketing
Street Address: 1201 Pennsylvania Avenue, N.W.
City: Washington
State: DC Zip: 20004-2401
Phone Number: (202) 662-6000
Fax Number: (202) 662-6291
Email Address: _____

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information:
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 50-0740
Authorized User Name _____

9. Signature.
Natalie M. Derzko October 8, 2004
Signature Date
Natalie M. Derzko - 48,102 Total number of pages including cover sheet, attachments, and documents: 10
Name of Person Signing

10/14/2004 DBYRNE 00000053 10050608
01 FC:8021 40.00 DP

ASSIGNMENT

WHEREAS, Seiko Instruments Inc., a corporation organized under and pursuant to the laws of Japan having its principal place of business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, JAPAN (hereinafter referred to as "Assignor"), has an ownership interest, by assignment, in U.S. Patent Application No. 10/050,608 entitled "Gene Detection System, Gene Detection Device Using Same, Detection Method, and Gene Detecting Chip," filed on January 18, 2002 (hereinafter referred to as "Patent Application"), pursuant to an assignment (hereinafter referred to as "the 2002 Assignment"), provided in Appendix A, wherein the inventor of the Patent Application, Tetsumasa Ito, assigned his rights in the Patent Application to Assignor and to TUM Gene Inc., a corporation organized under and pursuant to the laws of Japan having its principal place of business at TUM Gene Inc., 6, Nakase 2-chome, Mihama-ku, Chiba-shi, Chiba, JAPAN Inc. (hereinafter referred to as "TUM Gene");

WHEREAS, SII Nano Technology Inc., a corporation organized under and pursuant to the laws of Japan having its principal place of business at SII Nano Technology Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, 261-8507, JAPAN (hereinafter referred to as "Assignee"), is desirous of acquiring the Assignor's entire right, title and interest in, to and under said Patent Application and the invention covered thereby; and

WHEREAS, TUM Gene consents to the Assignor assigning its entire right, title and interest in, to and under said Patent Application and the invention covered thereby to Assignee to the extent such consent might be necessary to give effect to the assignment effected by this document, as provided in the Consent to Assignment found in Appendix B;

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to the said Assignee, its entire right, title and interest for the United States of America and all other countries in and to said applications for all original,

divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents relating to said Patent Application to said Assignee herein, as assignee of an interest therein, to the extent that, but for the assignment effected by this document, Assignor would have been entitled to; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said Assignee or its assigns, to communicate to said Assignee or its representatives all facts known to the undersigned respecting said invention set forth in said Patent Application whenever requested, to testify in any interferences or other legal proceedings in which said application or patent may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said invention set forth in said Patent Application in the United States of America and all other countries, the expenses incident to said application set forth in said Patent Application to be borne and paid by said Assignee.

By: Toshihiko Sakuhara

Name: Toshihiko Sakuhara

Title: General Manager

Date: Sep. 8th, 2004

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

or

Witness: Kentaro Kubanar

Witness: Masumi Ichi

Date: Sep. 9, 2004

Date: Sep. 8, 2004

APPENDIX A

ASSIGNMENT

譲渡証

ここにその受領と充足性が確認された善良で価値ある配慮の故に、文末に署名した者は、

(氏名または組織名)

セイコーインスツルメンツ株式会社

(住所)

千葉県千葉市美浜区中瀬 1-8

(氏名または組織名)

株式会社 ティー・ユー・エム研究所

(住所)

千葉県千葉市美浜区中瀬 2-6

(以下「譲受人」と呼ぶ) と、その承継人および譲受人に対して、

(発明の名称)

遺伝子検出システム、これを備えた遺伝子検出装置、検出方法、並びに遺伝子検出用チップ

弁護士登録番号：

という名称で知られ、以下に署名した者が以下に記した日にアメリカ合衆国特許を申請した発明のアメリカ合衆国におけるすべての権利、権原および利権、ならびにその発明に対して行われるすべての特許申請とそれらによって得られる特許状ならびにそれらの分割、再申請、継続および延長を譲渡するものであり、さらにその利権は、当該特許状が譲受人、継承人、さらにその譲受人らまたは彼らの法的代理人に与えられたときに、当該特許状の全所有権をこの譲渡が行われなかった場合に譲渡人に当該特許状が与えられることにより譲渡人が受けたであろう期間の最後の日まで、完全無欠に授けられるものとする。この書状が、申請と同時に登録されない場合は、以下の認識情報が執行後に追加されるものとする。

シリアル・ナンバー

10/050,608

登録年月日：

2002年1月18日

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

SEIKO INSTRUMENTS INC.

having the address:

8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan

and

TUM GENE, INC.

6, Nakase 2-chome, Mihama-ku, Chiba-shi, Chiba, Japan

(hereinafter designated as the "ASSIGNEES"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said

ASSIGNEES, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by assignor(s) if this assignment had not been made, the application being known by the title: GENE DETECTION SYSTEM, GENE DETECTION DEVICE USING SAME, DETECTION METHOD, AND GENE DETECTING CHIP

Attorney Docket No.:

for the which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.

10/050,608

Filing Date:

January 18, 2002

1. 文末に署名した者は、上記の申請、またはその継続出願、一部継続出願、さしかえ出願、分割出願、更新出願、再審査出願、または再発行出願、またはあらゆる修正、抵触審査手続の延長、又はその他権原を譲受人が確保するために必要なあらゆる文書を署名、執行することに同意する。

2. 文末に署名した者は、工業所有権の保護に関する国際条約または同様な条約のクレームまたは条項に関連して必要となるすべての文書を署名、執行し、必要な行為を行うことに同意する。

3. 文末に署名した者は、譲受人に有効な米国特許を取得させるために必要なすべての積極的な行為を実行することに同意する。

4. 文末に署名した者は、アメリカ合衆国の特許庁長官に対して、当該特許申請またはそれに基づくすべての分割、継続申請から生じるすべての特許状を当該譲受人に発行するように、請願する。

5. 文末に署名した者は、本状の登記に当りアメリカ合衆国特許庁の規則に従って必要であり、望ましいような識別情報をこの譲渡書に挿入する権利をコンビントン・バーリング法律事務所に委任するものとする。

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEES.

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

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEES.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEES.

5. The undersigned hereby grant(s) to the file of COVINGTON & BURLING the power to insert on this agreement any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

以上を確認のうえで、下記の者が下記の氏名に並んで記された日に各自、署名して本書を発効させるものである。

IN WITNESS THEREBY, executed by the undersigned on the date(s) opposite the undersigned names(s).

2002 5. - 1

伊藤 哲雅

年月日 氏名(楷書): 伊藤 哲雅

MAY - 1. 2002

Tetsumasa ITO

Date Typed Name: Tetsumasa ITO

年月日 氏名(楷書):

Date Typed Name:

年月日 氏名(楷書):

Date Typed Name:

年月日 氏名(楷書):

Date Typed Name:

年月日 氏名(楷書):

Date Typed Name:

年月日 氏名(楷書):

Date Typed Name:

本譲渡書はアメリカ合衆国公証人または下記に署名する少なくとも2名の証人の前で署名されるものとする。

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

2002 5. - 1

堀 匡樹

年月日 氏名(楷書):

MAY - 1. 2002

Masaki Hori

Date Typed Name: Masaki HORI

2002 5. - 1

金森 世津子

年月日 氏名(楷書):

MAY - 1. 2002

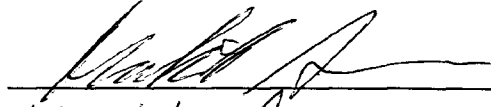
Kanamori S

Date Typed Name: Setsuko KANAMORI

APPENDIX B

CONSENT TO ASSIGNMENT

By this Consent to Assignment, TUM Gene Inc., a corporation organized under and pursuant to the laws of Japan having its principal place of business at TUM Gene Inc., 6, Nakase 2-chome, Mihama-ku, Chiba-shi, Chiba, JAPAN (hereinafter referred to as "TUM Gene"), hereby consents to Seiko Instruments Inc., a corporation organized under and pursuant to the laws of Japan having its principal place of business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi; Chiba, JAPAN (hereinafter referred to as "Assignor"), assigning its entire right, title and interest in, to and under U.S. Patent Application No. 10/050,608 entitled "Gene Detection System, Gene Detection Device Using Same, Detection Method, and Gene Detecting Chip," filed on January 18, 2002, to SII Nano Technology Inc., a corporation organized under and pursuant to the laws of Japan having its principal place of business at SII Nano Technology Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, 261-8507, JAPAN. This consent shall apply notwithstanding anything that may be to the contrary in any agreement between TUM Gene and Assignor.

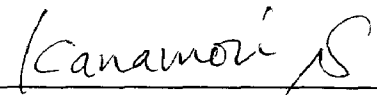
By: 
Name: Masahiko Amano
Title: President and CEO
Date: 9/13/04

Country of _____)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

or
Witness: Masato NAKAYAMA

Witness: 

Date: 9/13/04

Date: 9/13/04