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PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

8-26-05

1. Name of conveying party(ies): Tohru Koike, Yohsuke Yamamoto, Hironori Takeda, Yoshio Sano, and Satoko Yougai

2. Name and address of receiving party(ies) Name: MANAC INC. Internal Address: Street Address: 10-1, Nishimachi 2-chome Fukuyama-shi, Hiroshima 720-0067 JAPAN

3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

City: State: Zip: Additional name(s) & address(es) attached: [] Yes [X] No

Execution Date: August 11, 2005

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: August 11, 2005 A. Patent Application No.(s): B. Patent No.(s): Additional numbers attached? [] Yes [X] No

6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jonathan P. Osha OSHA - LIANG LLP Internal Address: Atty. Dkt.: 17195/003001 Street Address: 1221 McKinney St., Suite 2800 City: Houston State: TX Zip: 77010

7. Total fee (37 CFR 3.41) \$ 40.00 [] Enclosed [] Authorized to be charged to deposit account [X] Authorized to be charged to credit card (Form 2038 enclosed)

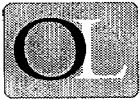
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

JONATHAN OSHA Name of Person Signing [Signature] Signature 8/26/05 Date

Total number of pages including cover sheet, attachments, and documents: 4



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ASSIGNMENT

譲渡証

本証末尾に署名した者（以下、「発明者」という）は、適正・相当な対価を受領しており、それが十分な対価であることを認識した上で、

（氏名または組織名）

（住所）

（以下「会社」という）と、その承継人および譲受人に対して、

（発明の名称）

という名称で知られ、アメリカ合衆国において末尾署名者が特許申請をした発明(以下、「発明」という)にかかるアメリカ合衆国(その属領、支配地を含むがこれに限らない)におけるすべての権利、権原および利権を、当該特許申請、その分割、継続、一部継続、再発行及び延長、並びに、それらに対して与えられる全ての米国特許証とともに譲渡する。かかる利権とは、「会社」、その承継人、譲受人、またはそれらの法的代理人の上記申請に対する、及び、特許証が与えられたときはそれに対する、本譲渡が行われなかった場合に「発明者」に対して特許証が与えられ、また延長されることにより享受しうると同一の期間にわたる完全な所有権を意味する。

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as "INVENTOR(S)") hereby assign, transfer and set over to:

MANAC INC.

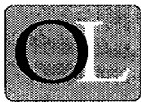
having the following address:

10-1, Nishimachi 2-chome, Fukuyama-shi, Hiroshima 720-0067 Japan

(referred to herein as "COMPANY"), its successors and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

A capturing agent for a substance having an anionic substituent

for which the undersigned has/have executed an application for patent in the United States of America (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.



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さらに、本証末尾に署名した発明者は、それぞれ、以下のとおり同意する。

1. 発明」に関するアメリカ合衆国における特許申請の出願に関して、更に必要な又は望ましく、適法かつ適切な書類に署名、執行すること。これには、上記申請及びそれらの分割、継続、一部継続、修正を全て含み、更に、それらに関するインターフェアレンス手続、その他「会社」が権限を保持するために必要もしくは望ましいものが含まれるが、その限りではない。
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3. 有効かつ強制力のある特許を「会社」が得るために必要なあらゆる合法かつ積極的な行為をすること。

本証末尾に署名した「発明者」は、それぞれ、アメリカ合衆国特許商標庁長官に対して、当該特許申請（それに基づくすべての分割、継続、一部継続、再発行申請を含むがそれに限らない）から生じるすべての特許証を「会社」に対して発行するよう授權し、かつ、請願する。

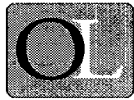
本証末尾に署名した「発明者」は、それぞれ、本証の登記にあたりアメリカ合衆国特許商標庁の規則に従って必要もしくは望ましい識別情報を本譲渡証に挿入する権限をオーシャ・リャン法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA • LIANG LLP the power to insert on this Assignment 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 the recordation of this document.



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以上を確認の上、下記の者が下記署名に並んで記された日に各自署名して本譲渡証を発効させた。

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature

(署名)

年月日 氏名 (楷書):

11/08/2005
Date

T. Koike

Name: Tohru KOIKE

(署名)

年月日 氏名 (楷書):

11/08/2005
Date

Y. Yamamoto

Name: Yohsuke YAMAMOTO

(署名)

年月日 氏名 (楷書):

11/08/2005
Date

H. Takeda

Name: Hironori TAKEDA

(署名)

年月日 氏名 (楷書):

11/08/2005
Date

Yoshio Sano

Name: Yoshio SANO

(署名)

年月日 氏名 (楷書):

11/08/2005
Date

Satoko Yougai

Name: Satoko YUGAI

(署名)

年月日 氏名 (楷書):

Date

Name:

本譲渡証はアメリカ合衆国のいずれかの州の公証人または下記に署名する2名の証人の面前で署名されるものとする。

This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below:

(署名)

年月日 氏名 (楷書):

11/08/2005
Date

T. Shimano

Name: Tomotoshi SHIMANO

(署名)

年月日 氏名 (楷書):

11/08/2005
Date

H. Kanno

Name: Hiromi Kanno

本譲渡証が特許申請書と同時に提出されなかった場合、下記識別情報が後に追加されるものとする。

Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

米国申請シリアル番号:

U.S. Application Serial No.:

申請日:

Filing Date: