

03-23-2004



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PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Docket No. 176/61032 (6-11402-1014)

Department of Patents and Trademarks: Please record the attached original documents or copy thereof.

102701285

Shohei Koide  
Stephen Dewhurst  
Akiko Koide  
Julie Richards  
Michelle Miller

3.19.04

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date(s):

- 1<sup>st</sup> Inventor: December 12, 2003
- 2<sup>nd</sup> Inventor: December 1, 2003
- 3<sup>rd</sup> Inventor: December 12, 2003
- 4<sup>th</sup> Inventor: December 3, 2003
- 5<sup>th</sup> Inventor: December 1, 2003

2. Name and address of receiving party(ies)

Name: University of Rochester

Street Address: 518 Hylan Building

City: Rochester State: NY Zip: 14627

Country: U.S.A.

Postal Code: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

OFFICE OF SUPPLEMENTARY RECORDS  
2004 MAR 19 PM 4:00  
FINANCE SECTION

4. Application number(s) or patent number(s);

If this document is being filed together with a new application, the filing date of the application is:

A. Patent Application No. 10/473,770

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Attorney Name: Edwin V. Merkel, Esq.

Firm Name: Nixon Peabody LLP

Internal Address: \_\_\_\_\_

Street Address: Clinton Square, P.O. Box 31051

City: Rochester State: NY Zip: 14603-1051

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

14-1138

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*

Edwin V. Merkel

Name of Person Signing  
Registration No. 40,087

Signature

March 17, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 10

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) \_\_\_\_\_

3/17/04  
Date

Signature

Wendy L. Barry  
Typed or printed name

03/22/2004 UNELLER 0000070 10473770

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P.O. Box 1450, Alexandria, VA 22313-1450

R730568.1

PATENT  
REEL: 015111 FRAME: 0070

ASSIGNMENT

WHEREAS, We, **Shohei Koide**, a Japanese citizen, residing at 5420 South Ridgewood Court, Chicago, Illinois 60615, **Stephen Dewhurst**, a United States citizen, residing at 95 Edgemont Road, Rochester, New York 14620, **Akiko Koide**, a Japanese citizen, residing at 5420 South Ridgewood Court, Chicago, Illinois 60615, **Julie Richards**, a United States citizen, residing at 80 Caroline Street, Rochester, New York 14620, and **Michelle Miller**, a United States citizen, residing at Apartment 3, 100 Park Avenue, Rochester, New York 14607 have invented certain new and useful improvements in **αvβ3 INTEGRIN-BINDING POLYPEPTIDE MONOBODIES AND THEIR USE** for which we have executed an application for Letters Patent in the United States, was filed as PCT International Application Number **PCT/US02/10763** on **4 April 2002** and assigned U.S. Serial Number **10/473,770**;

AND WHEREAS, **University of Rochester**, with its principal place of business at 518 Hylan Building, Rochester, New York 14627, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

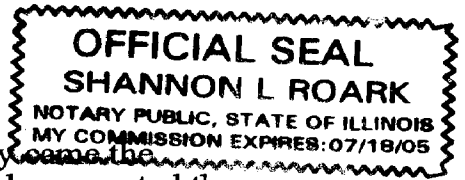
NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **University of Rochester**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **University of Rochester**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **University of Rochester**, its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **University of Rochester**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of December, 2003.

Shohei Koide  
Shohei Koide

STATE OF Illinois  
COUNTY OF Cook SS:



This 12 day of December, 2003, before me personally came the above-named **Shohei Koide**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Shannon Roark  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Stephen Dewhurst**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the  
above-named **Stephen Dewhurst**, to me personally known as the individual who  
executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12<sup>th</sup>  
day of December, 2003.

*Akiko Koide*  
Akiko Koide

STATE OF Illinois  
COUNTY OF Cook SS:

This 12<sup>th</sup> day of Dec., 2003, before me personally came the  
above-named **Akiko Koide**, to me personally known as the individual who executed the  
same of his/her own free will for the purposes therein set forth.



*Shannon L Roark*  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Julie Richards**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the  
above-named **Julie Richards**, to me personally known as the individual who executed  
the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Michelle Miller**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the  
above-named **Michelle Miller**, to me personally known as the individual who executed  
the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

ASSIGNMENT

WHEREAS, We, **Shohei Koide**, a Japanese citizen, residing at 5420 South Ridgewood Court, Chicago, Illinois 60615, **Stephen Dewhurst**, a United States citizen, residing at 157 Glen Ellyn Way, Rochester, New York 14618, **Akiko Koide**, a Japanese citizen, residing at 5420 South Ridgewood Court, Chicago, Illinois 60615, **Julie Richards**, a United States citizen, residing at 67 Rogers Parkway, Rochester, New York 14617, and **Michelle Miller**, a United States citizen, residing at Apartment 2, 40 Lilac Drive, Rochester, New York 14620 have invented certain new and useful improvements in **αvβ3 INTEGRIN-BINDING POLYPEPTIDE MONOBODIES AND THEIR USE** for which we have executed an application for Letters Patent in the United States, was filed as PCT International Application Number PCT/US02/10763 on 4 April 2002 and assigned U.S. Serial Number 10/473,770;

AND WHEREAS, **University of Rochester**, with its principal place of business at 518 Hylan Building, Rochester, New York 14627, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **University of Rochester**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **University of Rochester**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **University of Rochester**, its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **University of Rochester**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Shohei Koide**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **Shohei Koide**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

R730566.1  
15661228 (6-11-00) 1010

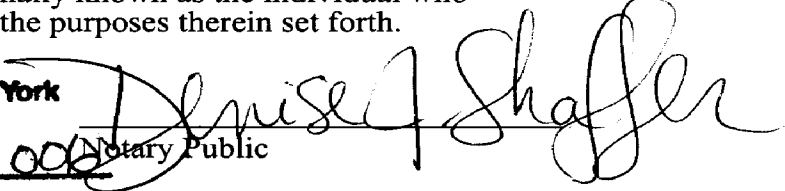
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
7 day of December, 2003.

  
\_\_\_\_\_  
Stephen Dewhurst

STATE OF NEW YORK  
COUNTY OF MONROE SS: SOS-13-5496

This 1<sup>st</sup> day of December, 2003, before me personally came the  
above-named **Stephen Dewhurst**, to me personally known as the individual who  
executed the same of his/her own free will for the purposes therein set forth.

**DENISE J. SHAFFER**  
Notary Public, State of New York  
No. 01SH6077762  
Monroe County  
Commission Expires July 15, 2 006  
\_\_\_\_\_  
Notary Public



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Akiko Koide**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the  
above-named **Akiko Koide**, to me personally known as the individual who executed the  
same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Julie Richards**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the  
above-named **Julie Richards**, to me personally known as the individual who executed  
the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1  
day of December, 2003.

Michelle Miller  
Michelle Miller

STATE OF New York  
COUNTY OF Monroe SS: 126-66-6074

This 1<sup>st</sup> day of December 2003, before me personally came the  
above-named **Michelle Miller**, to me personally known as the individual who executed  
the same of his/her own free will for the purposes therein set forth.

**DENISE J. SHAFFER**  
Notary Public, State of New York  
No. 01SH607762  
Monroe County  
Commission Expires July 15, 2006

Denise J. Shaffer  
Notary Public

ASSIGNMENT

WHEREAS, We, **Shohei Koide**, a Japanese citizen, residing at 5420 South Ridgewood Court, Chicago, Illinois 60615, **Stephen Dewhurst**, a United States citizen, residing at 157 Glen Ellyn Way, Rochester, New York 14618, **Akiko Koide**, a Japanese citizen, residing at 5420 South Ridgewood Court, Chicago, Illinois 60615, **Julie Richards**, a United States citizen, residing at 67 Rogers Parkway, Rochester, New York 14617, and **Michelle Miller**, a United States citizen, residing at Apartment 2, 40 Lilac Drive, Rochester, New York 14620 have invented certain new and useful improvements in **αvβ3 INTEGRIN-BINDING POLYPEPTIDE MONOBODIES AND THEIR USE** for which we have executed an application for Letters Patent in the United States, was filed as PCT International Application Number **PCT/US02/10763** on **4 April 2002** and assigned U.S. Serial Number **10/473,770**,

AND WHEREAS, **University of Rochester**, with its principal place of business at 518 Hylan Building, Rochester, New York 14627, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **University of Rochester**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **University of Rochester**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **University of Rochester**, its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **University of Rochester**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Shohei Koide**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **Shohei Koide**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Stephen Dewhurst**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **Stephen Dewhurst**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Akiko Koide**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **Akiko Koide**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3<sup>rd</sup> day of December, 2003.

*Julie Richards*  
**Julie Richards**

STATE OF New York  
COUNTY OF NY SS:

This 3 day of December, 2003, before me personally came the above-named **Julie Richards**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

*Alisa Rey*  
Notary Public

ALISA REY  
NOTARY PUBLIC  
100 W. Broadway, New York  
New York County  
New York State  
Notary Public, Commission 3, 2007

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Michelle Miller**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the  
above-named **Michelle Miller**, to me personally known as the individual who executed  
the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public