

10-12-2004

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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)/Execution Date(s):

Gregory M. Landes, Ian Foltz, Francine Chen, Binyam Bezabeh,  
Nikolai Khramstov, Peter Mezes, Michael Jeffers, Kam Fai Tse,  
Mehdi Mesri, Gary StarlingExecution Date(s) Aug. 2, 9, 19, 2004 July 12, 14, 16, 19, 2004Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

## 2. Name and address of receiving party(ies)

Name: CuraGen CorporationInternal Address: Intellectual Property Dept.

9th Floor

Street Address: 555 Long Wharf DriveCity: New HavenState: CTCountry: USAZip: 06511Additional name(s) & address(es) attached? ☐ Yes ☐ No

## 4. Application or patent number(s):

A. Patent Application No.(s)

10/805,177☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Nicole CarlucciInternal Address: CuraGen CorporationIntellectual Property Department 9th FloorStreet Address: 555 Long Wharf DriveCity: New HavenState: CT Zip: 06511Phone Number: 203-974-6317Fax Number: 203-401-3351Email Address: ncarlucci@curagen.com

## 6. Total number of applications and patents involved:

17. 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 502648Authorized User Name George Yahwak, Esq.

## 9. Signature:

Signature

October 5, 2004

Date

George Yahwak, Esq.

Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents:30

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

10/08/2004 ECDOPER 00000117 502648 10805177

01 FC:8021

40.00 DA

PATENT  
REEL: 015863 FRAME: 0140

**ASSIGNMENT**

WHEREAS, We, Gregory M. Landes, a United States citizen, residing at 87 Lenox Hill Drive, The Woodlands, TX 77382, Francine Chen, a United States, residing at 2660 31<sup>st</sup> Avenue, San Francisco, California 94116, Binyam Bezabeh, a United States citizen, residing at 314 Perkins Street, #105, Oakland, California 94610, and Ian Foltz, a Canadian citizen, residing at 203-1510 West 1<sup>st</sup> Avenue, Vancouver, B.C. V6J 4S3 Canada, have invented certain new and useful improvements in ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF for which we have filed an application for Letters Patent in the United States, Application No. 10/805,177, filed on March 19, 2004;

AND WHEREAS, Abgenix, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 6701 Kaiser Drive, Fremont, California 94555, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, 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 ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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 ASSIGNEE, 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 19 day of August, 2004.

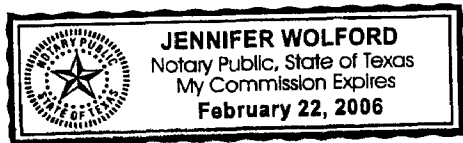
Gregory M. Landes  
Gregory M. Landes

STATE OF Texas }  
COUNTY OF Montgomery } ss.

On Aug. 19, 2004, before me, Jennifer Wolford, personally appeared Gregory M. Landes personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Jennifer Wolford  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Francine Chen

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Francine Chen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Gregory M. Landes

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

}  
ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gregory M. Landes personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2<sup>nd</sup> day of August, 2004.

*Francine Chen*  
Francine Chen

STATE OF CALIFORNIA  
COUNTY OF Alameda

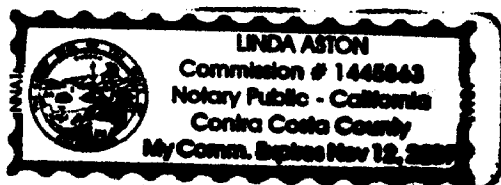
}  
ss.

On August 2, 2004 before me, Linda Aston, personally appeared Francine Chen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

*Linda Aston*  
Notary Signature



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of Aug, 2004.

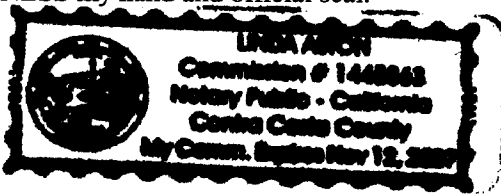
Binyam Bezabeh  
Binyam Bezabeh

STATE OF CALIFORNIA }  
COUNTY OF ALAMEDA } ss.

On Aug 2, 2004, before me, Linda Astor, personally appeared Binyam Bezabeh personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Linda Astor  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Ian Foltz

STATE OF }  
COUNTY OF } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Ian Foltz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/805,177  
Filing Date: March 19, 2004

Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Binyam Bezabeh

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

}  
}  
} ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Binyam Bezabeh personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9 day of AUGUST, 2004.

Ian Foltz  
Ian Foltz

PROV  
STATE OF B.C.  
CITY  
COUNTY OF BURNABY } ss.

On AUG 9/04, before me, LARRY FERENCE, personally appeared Ian Foltz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

**LARRY FERENCE**  
Notary Public  
140 - 3355 North Road, Burnaby,  
B.C. V3J 7T9 444-4566

S:\DOCS\SRG\SRG-2948.DOC\060404\lvo

**ASSIGNMENT**

WHEREAS, We, Kam Fai Tse, a citizen of the People's Republic of China, residing at 7 Hurd Bridge Road, Clinton, Connecticut 06413, Michael Jeffers, a United States citizen, residing at 14 Flax Mill Hollow, Branford, Connecticut 06405, Mehdi Mesri, a Iranian citizen, residing at 153 Monticello Drive, Branford, Connecticut 06405, Gary Starling, a United States citizen, residing at 52 James Vincent Drive, Clinton, Connecticut 06413, Peter Mezes, a Canadian citizen, residing at 7 Clark's Lane, Old Lyme, Connecticut 06371, and Nikolia Khramtsov, a Russian citizen, residing at 38 Montoya Circle, Branford, Connecticut 06405, have invented certain new and useful improvements in ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF for which we have filed an application for Letters Patent in the United States, Application No. 10/805,177, filed on March 19, 2004;

AND WHEREAS, CuraGen Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 555 Long Wharf Drive, 9<sup>th</sup> Floor, New Haven, Connecticut 06511, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, 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 ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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 ASSIGNEE, 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 \_\_\_\_\_, 2004.

\_\_\_\_\_  
Kam Fai Tse

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Kam Fai Tse personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Michael Jeffers

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Michael Jeffers personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Mehdi Mesri

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Mehdi Mesri personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Gary Starling

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gary Starling personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Peter Mezes

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Peter Mezes personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15 day of July, 2004.

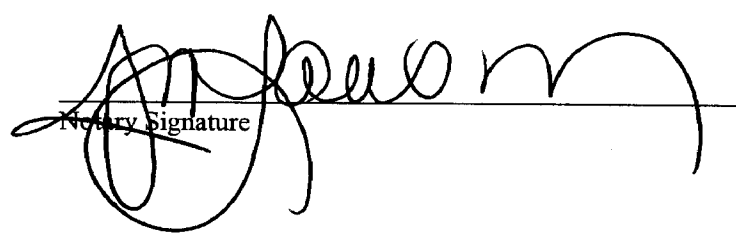
  
\_\_\_\_\_  
Nikolia Khrantsov

STATE OF CT }  
COUNTY OF New Haven } ss.

On July 12, 2004, before me, Jenell Lawson, personally appeared Nikolia Khrantsov personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

  
\_\_\_\_\_  
Notary Signature

S:\DOCS\SRG\SRG-2907.DOC\052604\lvo

**ASSIGNMENT**

WHEREAS, We, Kam Fai Tse, a citizen of the People's Republic of China, residing at 7 Hurd Bridge Road, Clinton, Connecticut 06413, Michael Jeffers, a United States citizen, residing at 14 Flax Mill Hollow, Branford, Connecticut 06405, Mehdi Mesri, a Iranian citizen, residing at 153 Monticello Drive, Branford, Connecticut 06405, Gary Starling, a United States citizen, residing at 52 James Vincent Drive, Clinton, Connecticut 06413, Peter Mezes, a Canadian citizen, residing at 7 Clark's Lane, Old Lyme, Connecticut 06371, and Nikolia Khramtsov, a Russian citizen, residing at 38 Montoya Circle, Branford, Connecticut 06405, have invented certain new and useful improvements in ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF for which we have filed an application for Letters Patent in the United States, Application No. 10/805,177, filed on March 19, 2004;

AND WHEREAS, CuraGen Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 555 Long Wharf Drive, 9<sup>th</sup> Floor, New Haven, Connecticut 06511, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, 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 ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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 ASSIGNEE, 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 \_\_\_\_\_, 2004.

\_\_\_\_\_  
Kam Fai Tse

STATE OF \_\_\_\_\_ }  
                                      } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Kam Fai Tse personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Michael Jeffers

STATE OF \_\_\_\_\_ }  
                                      } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Michael Jeffers personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Mehdi Mesri

STATE OF \_\_\_\_\_ }  
                                      } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Mehdi Mesri personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Gary Starling

STATE OF \_\_\_\_\_ }  
                                      } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gary Starling personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 19<sup>th</sup> day of July, 2004.

Peter Mezes  
Peter Mezes

STATE OF CT }  
COUNTY OF New Haven } ss.

On July 19, 2004, before me, Jared Kallom, personally appeared Peter Mezes personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Jared Kallom  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Nikolia Khramtsov

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Nikolia Khramtsov personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

S:\DOCS\SRG\SRG-2907.DOC\052604\vo

### ASSIGNMENT

WHEREAS, We, Kam Fai Tse, a citizen of the People's Republic of China, residing at 7 Hurd Bridge Road, Clinton, Connecticut 06413, Michael Jeffers, a United States citizen, residing at 14 Flax Mill Hollow, Branford, Connecticut 06405, Mehdi Mesri, a Iranian citizen, residing at 153 Monticello Drive, Branford, Connecticut 06405, Gary Starling, a United States citizen, residing at 52 James Vincent Drive, Clinton, Connecticut 06413, Peter Mezes, a Canadian citizen, residing at 7 Clark's Lane, Old Lyme, Connecticut 06371, and Nikolia Khramtsov, a Russian citizen, residing at 38 Montoya Circle, Branford, Connecticut 06405, have invented certain new and useful improvements in ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF for which we have filed an application for Letters Patent in the United States, Application No. 10/805,177, filed on March 19, 2004;

AND WHEREAS, CuraGen Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 555 Long Wharf Drive, 9<sup>th</sup> Floor, New Haven, Connecticut 06511, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, 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 ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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 ASSIGNEE, 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 \_\_\_\_\_, 2004.

\_\_\_\_\_  
Kam Fai Tse

STATE OF

}  
}  
}

ss.

COUNTY OF

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Kam Fai Tse personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16<sup>th</sup> day of July, 2004.

Michael Jeffers  
Michael Jeffers

STATE OF

CT

}  
}  
}

ss.

COUNTY OF New Haven

On July 16, 2004 before me, \_\_\_\_\_, personally appeared Michael Jeffers personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

[Signature]  
Notary Signature



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Mehdi Mesri

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Mehdi Mesri personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Gary Starling

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gary Starling personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Peter Mezes

STATE OF \_\_\_\_\_ }  
                                      } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Peter Mezes personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Nikolia Khramtsov

STATE OF \_\_\_\_\_ }  
                                      } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Nikolia Khramtsov personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

S:\DOCS\SRG\SRG-2907.DOC\052604\lvo

## ASSIGNMENT

WHEREAS, We, Kam Fai Tse, a citizen of the People's Republic of China, residing at 7 Hurd Bridge Road, Clinton, Connecticut 06413, Michael Jeffers, a United States citizen, residing at 14 Flax Mill Hollow, Branford, Connecticut 06405, Mehdi Mesri, a <sup>United States</sup> ~~Iranian~~ citizen, residing at 153 Monticello Drive, Branford, Connecticut 06405, Gary Starling, a United States citizen, residing at 52 James Vincent Drive, Clinton, Connecticut 06413, Peter Mezes, a Canadian citizen, residing at 7 Clark's Lane, Old Lyme, Connecticut 06371, and Nikolai Khramtsov, a Russian citizen, residing at 38 Montoya Circle, Branford, Connecticut 06405, have invented certain new and useful improvements in ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF for which we have filed an application for Letters Patent in the United States, Application No. 10/805,177, filed on March 19, 2004;

AND WHEREAS, CuraGen Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 555 Long Wharf Drive, 9<sup>th</sup> Floor, New Haven, Connecticut 06511, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, 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 ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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 ASSIGNEE, 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 \_\_\_\_\_, 2004.

\_\_\_\_\_  
Kam Fai Tse

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Kam Fai Tse personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Michael Jeffers

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Michael Jeffers personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of July, 2004.

\_\_\_\_\_  
Mehdi Mesri

STATE OF CT

COUNTY OF New Haven

}  
} ss.

On July 14, 2004, before me, Jewell Lawson, personally appeared Mehdi Mesri personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Gary Starling

STATE OF

COUNTY OF

}  
} ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gary Starling personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Peter Mezes

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Peter Mezes personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Nikolia Khramtsov

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Nikolia Khramtsov personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

S:\DOCS\SRG\SRG-2907.DOC\052604\vo

*New Zealand GCS*

## ASSIGNMENT

WHEREAS, We, Kam Fai Tse, a citizen of the People's Republic of China, residing at 7 Hurd Bridge Road, Clinton, Connecticut 06413, Michael Jeffers, a United States citizen, residing at 14 Flax Mill Hollow, Branford, Connecticut 06405, Mehdi Mesri, a Iranian citizen, residing at 153 Monticello Drive, Branford, Connecticut 06405, Gary Starling, a ~~United States~~ citizen, residing at 52 James Vincent Drive, Clinton, Connecticut 06413, Peter Mezes, a Canadian citizen, residing at 7 Clark's Lane, Old Lyme, Connecticut 06371, and Nikolia Khramtsov, a Russian citizen, residing at 38 Montoya Circle, Branford, Connecticut 06405, have invented certain new and useful improvements in ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF for which we have filed an application for Letters Patent in the United States, Application No. 10/805,177, filed on March 19, 2004;

AND WHEREAS, CuraGen Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 555 Long Wharf Drive, 9<sup>th</sup> Floor, New Haven, Connecticut 06511, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, 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 ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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 ASSIGNEE, 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 \_\_\_\_\_, 2004.

\_\_\_\_\_  
Kam Fai Tse

STATE OF                                }  
  }  
COUNTY OF                        } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Kam Fai Tse personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Michael Jeffers

STATE OF                                }  
  }  
COUNTY OF                        } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Michael Jeffers personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Mehdi Mesri

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

}  
} ss.  
}

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Mehdi Mesri personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14<sup>th</sup> day of July, 2004.

G. C. Starling  
Gary Starling

STATE OF CT

COUNTY OF New Haven

}  
} ss.  
}

On July 14, 2004, before me, Jeneil M Lawson, personally appeared Gary Starling personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Jeneil M Lawson  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Peter Mezes

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Peter Mezes personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Nikolia Khramtsov

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Nikolia Khramtsov personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

S:\DOCS\SRG\SRG-2907.DOC\052604\lvo

**ASSIGNMENT**

WHEREAS, We, Kam Fai Tse, a citizen of the People's Republic of China, residing at 7 Hurd Bridge Road, Clinton, Connecticut 06413, Michael Jeffers, a United States citizen, residing at 14 Flax Mill Hollow, Branford, Connecticut 06405, Mehdi Mesri, a Iranian citizen, residing at 153 Monticello Drive, Branford, Connecticut 06405, Gary Starling, a United States citizen, residing at 52 James Vincent Drive, Clinton, Connecticut 06413, Peter Mezes, a Canadian citizen, residing at 7 Clark's Lane, Old Lyme, Connecticut 06371, and Nikolia Khramtsov, a Russian citizen, residing at 38 Montoya Circle, Branford, Connecticut 06405, have invented certain new and useful improvements in ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF for which we have filed an application for Letters Patent in the United States, Application No. 10/805,177, filed on March 19, 2004;


AND WHEREAS, CuraGen Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 555 Long Wharf Drive, 9<sup>th</sup> Floor, New Haven, Connecticut 06511, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, 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 ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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 ASSIGNEE, 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 14 day of July, 2004.

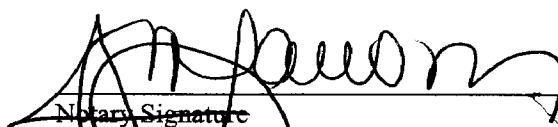
  
Kam Fai Tse

STATE OF CT }  
COUNTY OF New Haven } ss.

On July 14, 2004, before me, Jenell Lawson, personally appeared Kam Fai Tse personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Michael Jeffers

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Michael Jeffers personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Mehdi Mesri

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Mehdi Mesri personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Gary Starling

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gary Starling personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Peter Mezes

STATE OF \_\_\_\_\_ }  
                                      } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Peter Mezes personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Nikolia Khramtsov

STATE OF \_\_\_\_\_ }  
                                      } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Nikolia Khramtsov personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

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