

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Douglas Dederá	04/22/2003
Jian-Rui Wang	04/18/2003
Peter C.R. Emtage	04/16/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Nuvelo, Inc.
<b>Street Address:</b>	201 Industrial Road, Suite 310
<b>City:</b>	San Carlos
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94070
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11330768
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(650)517-8003
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6505178422
Email:	rpolizotto@nuvelo.com
Correspondent Name:	Renee S. Polizotto
Address Line 1:	201 Industrial Road, Suite 310
Address Line 4:	San Carlos, CALIFORNIA 94070
ATTORNEY DOCKET NUMBER:	HYS-21CP2CN
NAME OF SUBMITTER:	Renee S. Polizotto

CH \$40.00 11330768

Total Attachments: 13  
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## PATENT ASSIGNMENT

Electronic Version v1.1  
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06/14/2004  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Douglas Dedera	04/22/2003
Jian-Rui Wang	04/18/2003
Peter C.R. Emtage	04/16/2003

## RECEIVING PARTY DATA

Name:	NUVELO
Street Address:	675 Almanor Avenue
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94085

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10327413

## CORRESPONDENCE DATA

Fax Number: (408)524-8145  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 4082154000  
 Email: drose@nuvelo.com  
 Correspondent Name: Donna B. Rose  
 Address Line 1: 675 Almanor Avenue  
 Address Line 2: NUVELO, Inc.  
 Address Line 4: Sunnyvale, CALIFORNIA 94085

NAME OF SUBMITTER:	Donna B. Rose
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Total Attachments: 10  
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## ASSIGNMENT

Serial No: 10/327,413  
 Filed: December 19, 2002  
 Title: METHODS OF THERAPY AND DIAGNOSIS USING IMMUNOTARGETING OF  
 CD84HY1-EXPRESSING CELLS

For One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NUVELO, a Nevada corporation, 675 Almanor Avenue, Sunnyvale, California, 94085, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, 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 held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 22 day of April, 2003.

State of California  
County of ALAMEDA

}

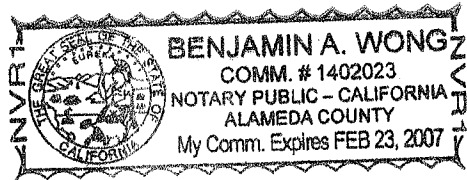
ss.

[Signature]  
Douglas Deder

On this 22<sup>ND</sup> day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Douglas Deder to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

[Signature]  
Notary Public  
My Commission Expires: FEBRUARY 22, 2005



WITNESS my hand this \_\_\_\_\_ day of April, 2003.

State of California  
County of \_\_\_\_\_

}

ss.

\_\_\_\_\_  
Jian-Rui Wang

On this \_\_\_\_\_ day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Jian-Rui Wang to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

WITNESS my hand this \_\_\_\_\_ day of April, 2003.

State of California

County of Santa Clara

}

ss.

\_\_\_\_\_

Peter C. R. Emtage

On this \_\_\_\_\_ day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Peter C. R. Emtage to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

\_\_\_\_\_

Notary Public

My Commission Expires: \_\_\_\_\_

**ASSIGNMENT**

Serial No: 10/327,413  
Filed: December 19, 2002  
Title: METHODS OF THERAPY AND DIAGNOSIS USING IMMUNOTARGETING OF  
CD84HY1-EXPRESSING CELLS

For One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NUVELO, a Nevada corporation, 675 Almanor Avenue, Sunnyvale, California, 94085, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

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For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, 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 held and enjoyed by the undersigned if this assignment and sale had not been made.



WITNESS my hand this \_\_\_\_\_ day of April, 2003.

State of California  
County of \_\_\_\_\_ } ss. \_\_\_\_\_  
Douglas Dedera

On this \_\_\_\_\_ day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Douglas Dedera to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

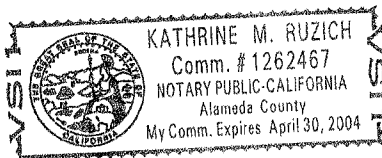
WITNESS my hand this 18 day of April, 2003.

State of California  
County of ALAMEDA } ss. \_\_\_\_\_  
Jian-Rui Wang

On this 18 day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Jian-Rui Wang to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

Kathrine M. Ruzich  
Notary Public  
My Commission Expires: 4/30/2004



WITNESS my hand this \_\_\_\_\_ day of April, 2003.

State of California

County of Santa Clara

}

ss.

\_\_\_\_\_

Peter C. R. Emtage

On this \_\_\_\_\_ day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Peter C. R. Emtage to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

\_\_\_\_\_

Notary Public

My Commission Expires: \_\_\_\_\_

**ASSIGNMENT**

Serial No: 10/327,413  
Filed: December 19, 2002  
Title: METHODS OF THERAPY AND DIAGNOSIS USING IMMUNOTARGETING OF  
CD84HY1-EXPRESSING CELLS

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For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, 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 held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this \_\_\_\_\_ day of April, 2003.

State of California }  
County of \_\_\_\_\_ } ss. \_\_\_\_\_  
Douglas Dederera

On this \_\_\_\_\_ day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Douglas Dederera to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

WITNESS my hand this \_\_\_\_\_ day of April, 2003.

State of California }  
County of \_\_\_\_\_ } ss. \_\_\_\_\_  
Jian-Rui Wang

On this \_\_\_\_\_ day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Jian-Rui Wang to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.


WITNESS my hand and seal the same day and year last above given.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

WITNESS my hand this 16 day of April, 2003.

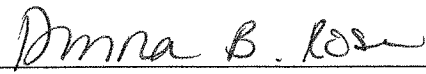
State of California  
County of Santa Clara

} ss.

  
Peter C. R. Emtage

On this 16 day of April, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Peter C. R. Emtage to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

  
\_\_\_\_\_  
Notary Public  
My Commission Expires: Jan. 10, 2007

