


Attorney Docket No. 01-163-CIP3

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents:

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1. Rao Kalla 2. Thao Perry 3. Elfatih Elzein 4. Vaibhav Varkhedkar 5. Xiaofen Li 6. Prabha Ibrahim 7. Venkata Palte 8. Dengming Xiao 9. Jeff Zablocki</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: CV Therapeutics, Inc.</p> <p>Internal Address: Patent Group</p> <p>Street Address: 3172 Porter Drive</p> <p>City: Palo Alto State: CA Zip: 94304</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date(s): 4/21/05; 4/25/05; 4/25/05; 3/24/05; 4/25/05; 3/22/05; 3/13/05; 3/8/05; 3/28/05</p>	
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s) 10/942,582 B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>J. Elin Hartrum CV Therapeutics, Inc. 3172 Porter Drive Palo Alto, CA 94304</p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$<u>40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit Account Number: 50-1789</p>
<p>9. Statement and signature</p> <p><i>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.</i></p> <p>J. Elin Hartrum, Reg. No. 43,663</p> <p>Name of Person Signing  Signature Date <u>5/18/05</u></p> <p>Total number of pages including cover sheet, attachments, and document: 41</p>	

CH \$40.00 601789 10942582

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT

REEL: 016249 FRAME: 0780

700180467

ASSIGNMENT

Case No.: 01-163-CIP3
Filing Date: September 16, 2004
Serial No.: 10/942,582

Inventors: Rao Kalla, Thao Perry,
Elfatih Elzein, Vaibhav
Varkhedkar, Xiaofen Li,
Prabha Ibrahim, Venkata
Palle, Dengming Xiao, Jeff
Zablocki

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

CV Therapeutics, Inc.

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

A_{2B} Adenosine Receptor Antagonists

and identified as:

Case No. 01-163-CIP3

in the offices of CV Therapeutics, Inc. 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 of such patents, and further assigns to said assignee the priority right provided by the International Convention.

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 filing date and serial number of said application when officially known, and the date of execution of the application.

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

For said considerations 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 and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration 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 the said considerations the undersigned authorize said assignee to apply for patents for

said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

This assignment is effective as of the filing date of the above-indicated application.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Rao Kalla this 21 day of April 2005; and
Rao Kalla

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On April 21 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Rao Kalla, 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/she executed the same in his/her authorized capacity, and that by his/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.

Susan Ahearn (SEAL)
NOTARY PUBLIC SIGNATURE



IN TESTIMONY WHEREOF, I have hereunto set my hand.

Thao Perry this 25th day of April 2005; and
Thao Perry

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On April 25 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Thao Perry, 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~~/she executed the same in ~~his~~/her authorized capacity, and that by ~~his~~/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.

Susan Ahearn (SEAL)
NOTARY PUBLIC SIGNATURE



IN TESTIMONY WHEREOF, I have hereunto set my hand.

Elfatih Elzein this 25th day of April 2005; and
Elfatih Elzein

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On April 25, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Elfatih Elzein, 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/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~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.

Susan Ahearn (SEAL)
NOTARY PUBLIC SIGNATURE



IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Vaibhav Varkhedkar

STATE OF CALIFORNIA)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Vaibhav Varkhedkar, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Xiaofen Li this 25th day of April 2005; and

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On April 25, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Xiaofen Li, 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/she executed the same in his/her authorized capacity, and that by his/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.

Susan Ahearn (SEAL)
NOTARY PUBLIC SIGNATURE



IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Prabha Ibrahim

STATE OF CALIFORNIA)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Prabha Ibrahim, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Venkata Palle

STATE OF)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Venkata Palle, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Dengming Xiao this 8 day of March 2005; and
Dengming Xiao

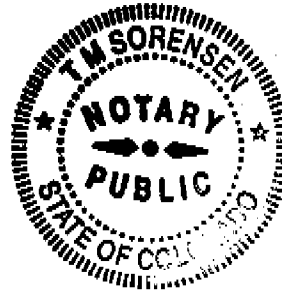
STATE OF Colorado)
COUNTY OF Boulder)

On March 8th, 2005, before me, T.M. Sorensen a Notary Public

personally appeared, Dengming Xiao, 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/she executed the same in his/her authorized capacity, and that by his/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.

T.M. Sorensen (SEAL)
NOTARY PUBLIC SIGNATURE
Expires 4/22/07



IN TESTIMONY WHEREOF, I have hereunto set my hand.

Jeff Zablocki this 28th day of March 2005; and
Jeff Zablocki

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On March 28th, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Jeff Zablocki, 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/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~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.

Susan Ahearn (SEAL)
NOTARY PUBLIC SIGNATURE



ASSIGNMENT

Case No.: 01-163-CIP3
Filing Date: September 16, 2004
Serial No.: 10/942,582

Inventors: Rao Kalla, Thao Perry,
Elfatih Elzein, Vaibhav
Varkhedkar, Xiaofen Li,
Prabha Ibrahim, Venkata
Palle, Dengming Xiao, Jeff
Zablocki

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

CV Therapeutics, Inc.

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

A_{2B} Adenosine Receptor Antagonists

and identified as:

Case No. 01-163-CIP3

in the offices of CV Therapeutics, Inc. 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 of such patents, and further assigns to said assignee the priority right provided by the International Convention.

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 filing date and serial number of said application when officially known, and the date of execution of the application.

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

For said considerations 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 and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration 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 the said considerations the undersigned authorize said assignee to apply for patents for

said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

This assignment is effective as of the filing date of the above-indicated application.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Rao Kalla

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Rao Kalla, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Thao Perry

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Thao Perry, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Elfatih Elzein

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Elfatih Elzein, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

V.M. Varkhedkar this 24th day of March 2005; and
Vaibhav Varkhedkar

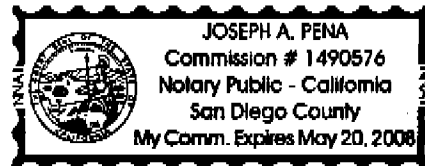
STATE OF CALIFORNIA)
COUNTY OF)

On March 24, 2005, before me, Joseph A. Pena, a Notary Public

personally appeared, Vaibhav Varkhedkar, 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/she executed the same in his/her authorized capacity, and that by his/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.

[Signature] (SEAL)
NOTARY PUBLIC SIGNATURE



IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Xiaofen Li

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Xiaofen Li, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Prabha Ibrahim

STATE OF CALIFORNIA)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Prabha Ibrahim, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Venkata Palle

STATE OF)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Venkata Palle, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____, 2005; and
Dengming Xiao

STATE OF)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Dengming Xiao, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Jeff Zablocki

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Jeff Zablocki, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

ASSIGNMENT

Case No.: 01-163-CIP3
Filing Date: September 16, 2004
Serial No.: 10/942,582

Inventors: Rao Kalla, Thao Perry,
Elfatih Elzein, Vaibhav
Varkhedkar, Xiaofen Li,
Prabha Ibrahim, Venkata
Palle, Dengming Xiao, Jeff
Zablocki

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its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

A_{2B} Adenosine Receptor Antagonists

and identified as:

Case No. 01-163-CIP3

in the offices of CV Therapeutics, Inc. 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 of such patents, and further assigns to said assignee the priority right provided by the International Convention.

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For said considerations 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 and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration 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 the said considerations the undersigned authorize said assignee to apply for patents for

said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

This assignment is effective as of the filing date of the above-indicated application.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Rao Kalla

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Rao Kalla, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Thao Perry

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Thao Perry, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____, 2005; and
Elfatih Elzein

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Elfatih Elzein, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Vaibhav Varkhedkar

STATE OF CALIFORNIA)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Vaibhav Varkhedkar, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Xiaofen Li

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Xiaofen Li, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Prabha Ibrahim

STATE OF CALIFORNIA)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Prabha Ibrahim, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

V.P.P. Alhara this 13 day of March 2005; and
Venkata Palle

STATE OF)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Venkata Palle, 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/she executed the same in his/her authorized capacity, and that by his/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.

NOTARY PUBLIC SIGNATURE (SEAL)

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Dengming Xiao

STATE OF)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Dengming Xiao, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Jeff Zablocki

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Jeff Zablocki, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

ASSIGNMENT

Case No.: 01-163-CIP3
Filing Date: September 16, 2004
Serial No.: 10/942,582

Inventors: Rao Kalla, Thao Perry,
Elfatih Elzein, Vaibhav
Varkhedkar, Xiaofen Li,
Prabha Ibrahim, Venkata
Palle, Dengming Xiao, Jeff
Zablocki

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

CV Therapeutics, Inc.

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

A_{2B} Adenosine Receptor Antagonists

and identified as:

Case No. 01-163-CIP3

in the offices of CV Therapeutics, Inc. 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 of such patents, and further assigns to said assignee the priority right provided by the International Convention.

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 filing date and serial number of said application when officially known, and the date of execution of the application.

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

For said considerations 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 and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration 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 the said considerations the undersigned authorize said assignee to apply for patents for

said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

This assignment is effective as of the filing date of the above-indicated application.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Rao Kalla

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Rao Kalla, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Thao Perry

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Thao Perry, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Elfatih Elzein

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Elfatih Elzein, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Vaibhav Varkhedkar

STATE OF CALIFORNIA)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Vaibhav Varkhedkar, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Xiaofen Li

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Xiaofen Li, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Prabha Ibrahim

this 22nd day of March 2005; and

STATE OF CALIFORNIA)
COUNTY OF Alameda)

On March 22, 2005, before me, Matthew Bove, a Notary Public

personally appeared, Prabha Ibrahim, 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~~/she executed the same in ~~his~~/her authorized capacity, and that by ~~his~~/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.


NOTARY PUBLIC SIGNATURE (SEAL)



IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Venkata Palle

STATE OF)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Venkata Palle, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Dengming Xiao

STATE OF)
COUNTY OF)

On _____, 2005, before me, _____, a Notary Public

personally appeared, Dengming Xiao, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE

IN TESTIMONY WHEREOF, I have hereunto set my hand.

_____ this _____ day of _____ 2005; and
Jeff Zablocki

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On _____, 2005, before me, Susan Ahearn, a Notary Public

personally appeared, Jeff Zablocki, 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/she executed the same in his/her authorized capacity, and that by his/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 PUBLIC SIGNATURE