Brian Lewis, Reg. No. 32,502

Name of Person Signing

___State: CA Zip: 94304

Brian Jain Signature

July 23, 2003

Date

17/36/20<mark>|3 ECROPER : 00000156 501789</mark>

40.66 M

61 FC:A021

City: Palo Alto

9. Signature.

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

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Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

Case No.: 02-164 Serial No.: 10/407,875

Inventors: Prabha Ibrahim, Michael Campbell, Robert Jiang, Christopher Morrison, Kevin Shenk,

William Shirley, Jeff Zablocki, Dmitry Koltun, Reina Natero

Date of Execution

of Application: Filing Date: April 4, 2003

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:

ABCA-1 Elevating Compounds

and identified as:

Case No. 02-164

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.

WITNESS my hand and seal this day of		January Land	elln	lun
State of				
County of				
The foregoing instrument was acknowledged before	re me thisday of			
<u>, 2003</u> by <u>Prabha</u>	<u>Ibrahim</u>			
_	NOTARY I	PUBLIC		

tate of California	
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ounty of Alapaeda	The state of the s
n Nay 19 2003 before me,	Matthew Bores Noton Public
organish appeared Patter The te	Name and Title of Officer (e.g., "Jane Doe, Notary Pubyic")
arsonally appeared 1.25Mac 1 Million	Name(s) of Signer(s)
	★bersonally known to me proved to me on the basis of satisfactory evidence
MATTHEW BOVE Commission # 1367972 Notary Public - California Alameda County My Corren. Expires Aug 4, 2006	to be the person(s) whose name(s) is/arc subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(iee), and that by his/her/their signature(e) on the instrument the person(e), of the entity upon behalf of which the person(e) acted, executed the instrument. WITNESS-my hand and official seal.
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	Signature of Notary Public
Description of Attached Document	nent of this form to another document.
itle or Type of Document: Asymme Co.	se# 02-164
	Number of Pages: 3
igner(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer	
igner's Name:	RIGHT THUMBPRIN
Individual	OF SIGNER Top of thumb here
Corporate Officer — Title(s):	
Partner — 🗀 Limited 🗀 General	
Attorney-in-Fact	
Trustee	
Guardian or Conservator Other:	
Signer Is Representing:	

WITNESS my hand and seal this 11	day of April, 2003 Michael Campbell
State of North Cartina	
County of Wake	
The foregoing instrument was acknowled	ged before me this // day of
<i>apil</i> , 2003 by	Michael Campbell
My Commission Explana 12-22-2007	Kenne D. Chosnick NOTARY PUBLIC G. CHI
	GAR HOTAQL COL
	THE COUNTY, N.

WITNESS my hand and seal this 9th day of July , 2003
Robert Jiang
State of
, 2003 by Robert Jiang
JOAN MAZZEO Comm. # 1314298 NOTARY PUBLIC - CALIFORNIA City & County of San Francisco My Comm. Expires July 21, 2005

WITNESS my hand and seal this 14th day of 2003 Christopher Morrison
State of California County of Sun Francisco The foregoing instrument was acknowledged before me this 14th day of
July , 2003 by Christopher Morrison
NOTARY PUBLIC
JOAN MAZZEO

JOAN MAZZEO
Comm. # 1314298
NOTARY PUBLIC - CALIFORNIA
City & County of San Francisco
My Comm. Expires July 21, 2005

WITNESS my hand and seal this 15 day of July 2003
Kevin Shenk
State of Country of San Tanaseo
The foregoing instrument was acknowledged before me this 15th day of
, 2003 by Kevin Shenk
NOTARY PUBLIC
JOAN MAZZEO Comm. #1314298 NOTARY PUBLIC-CALIFORNIA U City & County of San Francisco My Comm. Expires July 21, 2005

WITNESS my hand and seal this 4 day of
State of Colypraise
County of San Digo
The foregoing instrument was acknowledged before me this \\\\frac{\partial}{\partial}\] day of
april , 2003 by William Shirley Joursa Barbara
maria & Barbasa
NOTARY PUBLIC
MARIA LOUISA BARBOSA Commission # 1377774 Notary Public - California \$ San Diego County My Comm. Expires Oct 30, 2006

WITNESS my hand and seal this day of July 18, 2003
Deff 30 blocki
Jeff Zablocki
State of California County of San Pancisco
County of San nancisco
The foregoing instrument was acknowledged before me thisday of
July , 2003 by Jeff Zablocki
Joan Manzio NOTARY PUBLIC
JOAN MAZZEO NOTARY PÚBLIC
Comm. # 1314298 NOTARY PUBLIC - CALIFORNIA City & County of San Francisco My Comm. Expires July 21, 2005

PATENT

REEL: 014319 FRAME: 0824

WITNESS my hand and seal this 10 day of July . 2003
Dmitry Koltun
State of California County of Jan Kanasco
County of <u>HM 1 MWWO</u>
The foregoing instrument was acknowledged before me this 10th day of
July . 2003 by Dmitry Koltun NOTARY PUBLIC
NOTARY PUBLIC O
MAZZEO 1. # 1314298 PUBLIC - CALIFORNIA Junty of San Francisco m. Expires July 21, 2005
JOAN MAZZEO Comm. # 131429# NOTARY PUBLIC - GALIFORNIA City & County of San Majorish My Comm. Expires July 2

WITNESS my hand and seal this 5 day of July, 2003 (lei Ma No kar
State of California County of Aug Rancisco The foregoing instrument was acknowledged before me this 15 day of
July, 2003 by Reina Natero
NOTARY PUBLIC

JOAN MAZZEO
Comm. # 1314298
NOTARY PUBLIC - CALIFORNIA
City & County of San Francisco
My Comm. Expires July 21, 2005

RECORDED: 07/23/2003