

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Eugene Medlock</td> <td>09/11/2001</td> </tr> <tr> <td>Richard Yeh</td> <td>09/13/2001</td> </tr> <tr> <td>Scott M. Silbiger</td> <td>09/11/2001</td> </tr> <tr> <td>Gary S. Elliott</td> <td>09/11/2001</td> </tr> <tr> <td>Hung Q. Nguyen</td> <td>09/11/2001</td> </tr> <tr> <td>Shuqian Jing</td> <td>09/11/2001</td> </tr> </tbody> </table>		Name	Execution Date	Eugene Medlock	09/11/2001	Richard Yeh	09/13/2001	Scott M. Silbiger	09/11/2001	Gary S. Elliott	09/11/2001	Hung Q. Nguyen	09/11/2001	Shuqian Jing	09/11/2001
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Shuqian Jing	09/11/2001														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	Amgen Inc.														
<b>Street Address:</b>	One Amgen Center Drive														
<b>City:</b>	Thousand Oaks														
<b>State/Country:</b>	CALIFORNIA														
<b>Postal Code:</b>	91320														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11251011</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11251011										
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Application Number:	11251011														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(312)474-0448														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	3124746300														
<b>Email:</b>	jschumerth@marshallip.com														
<b>Correspondent Name:</b>	Marshall, Gerstein & Borun LLP														
<b>Address Line 1:</b>	233 South Wacker Drive														
<b>Address Line 2:</b>	6300 Sears Tower														
<b>Address Line 4:</b>	Chicago, ILLINOIS 60606														
<b>ATTORNEY DOCKET NUMBER:</b>	01017/36917D														

CH \$40.00 11251011

NAME OF SUBMITTER:

Sharon M. Sintich

Total Attachments: 16

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## ASSIGNMENT

Whereas, we, Eugene Medlock, Richard Yeh, Scott M. Silbiger, Gary S. Elliot, Hung Q. Nguyen and Shuqian Jing have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

which is found in:

- (a) the US Patent Application executed on even date herewith;
- (b) the US Patent Application executed on
- (c) US Application Serial No.:09/810,927 filed on March 16, 2001
- (d) US Patent No.:

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799, wishes to acquire the entire interest in all inventions disclosed in such Application:

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over unto AMGEN INC., its successors and assigns (collectively "AMGEN") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above-identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by AMGEN for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we hereby sell, assign, transfer, and set over unto AMGEN our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to AMGEN to refer to the deposited microorganisms(s) or other biological materials(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to AMGEN as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our legal representatives, we covenant and agree with AMGEN that we have not granted to any others any license to make, use or sell any of such inventions, that our right title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we further covenant and agree with AMGEN that upon request we and they will: (i) execute continuing, divisional or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to AMGEN any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigations; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for AMGEN, may be necessary or desirable to secure the grant of Letters Patent to AMGEN or its nominees, in the United States and in all other countries where AMGEN may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for AMGEN and to vest and confirm in AMGEN or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of AMGEN.

In Witness Whereof I have executed this assignment on the 11 day of 7 2001

Eugene Medlock  
(Name of Inventor)

Eugene Medlock  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

ss.

County of Ventura

September 11 2001

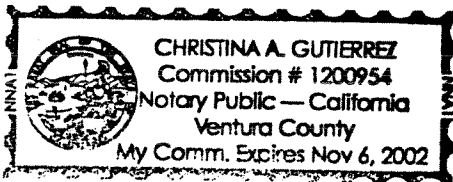
Before me, a Notary Public for Ventura County, State of California, personally appeared

Eugene Medlock

- 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.

Christina A. Gutierrez  
Notary Public



My commission expires  
November 6 2002

In Witness Whereof I have executed this assignment on the \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Richard Yeh  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

**UNITED STATES OF AMERICA**

State of California

ss.

County of Ventura

\_\_\_\_\_ 20\_\_\_\_

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Richard Yeh

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

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\_\_\_\_\_ 20\_\_\_\_

In Witness Whereof I have executed this assignment on the 11 day of Sept. 2001

Scott M. Silbiger  
(Name of Inventor)

Scott M. Silbiger  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

ss.

County of Ventura

September 11 2001

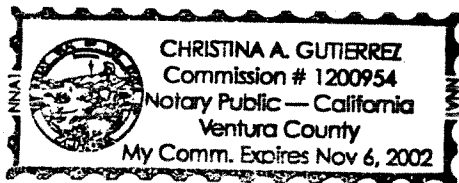
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Notary Public



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November 6 2002

In Witness Whereof I have executed this assignment on the Sept. day of 11 2001

Gary S. Elliott  
(Name of Inventor)

*Gary S. Elliott*  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

ss.

County of Ventura

September 11 2001

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Gary S. Elliott



personally known to me - OR -



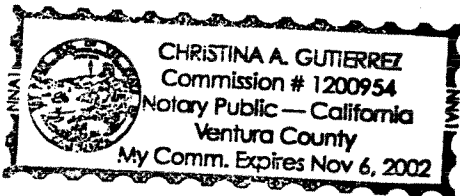
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Notary Public

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November 6 2002





In Witness Whereof I have executed this assignment on the 11 day of 9 2001

Hung Q. Nguyen  
(Name of Inventor)

*Hung Q. Nguyen*  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

ss.

County of Ventura

September 11 2001

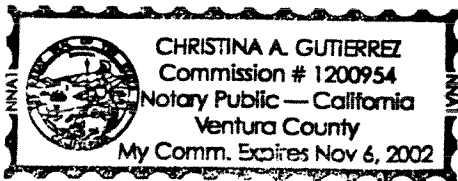
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WITNESS my hand and official seal.

*Christina A. Gutierrez*  
Notary Public



My commission expires

November 6 2002

In Witness Whereof I have executed this assignment on the 11 day of Sept. 2001

Shugian Jing  
(Name of Inventor)

*Shugian Jing*  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California

ss.

County of Ventura

September 11 2001

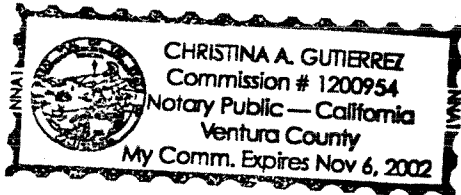
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Eugene Medlock  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

**UNITED STATES OF AMERICA**

State of California

ss.

County of Ventura

\_\_\_\_\_ 20\_\_

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Eugene Medlock

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WITNESS my hand and official seal.

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

My commission expires

\_\_\_\_\_ 20\_\_

In Witness Whereof I have executed this assignment on the 13 day of 09 2001

Richard Yeh  
(Name of Inventor)

*Richard Yeh*  
(Signature of Inventor)

UNITED STATES OF AMERICA

New York  
State of ~~California~~

ss.

County of Ventura  
Tompkins

Sept. 13 2001

Before me, a Notary Public for Ventura County, State of California, personally appeared

Richard Yeh

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WITNESS my hand and official seal.

*Nancy Ann Culligan*  
Notary Public

My commission expires

Oct. 31 2002

**NANCY ANN CULLIGAN**  
Notary Public, State of New York  
No. 01CU4766678  
Qualified in Schuyler County  
Commission Expires Oct. 31, 2002

In Witness Whereof I have executed this assignment on the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_

Scott M. Silbiger  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

**UNITED STATES OF AMERICA**

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Gary S. Elliott  
(Name of Inventor)

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Hung Q. Nguyen  
(Name of Inventor)

\_\_\_\_\_  
(Signature of Inventor)

**UNITED STATES OF AMERICA**

State of California

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