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Leila ZARIF, Tuo JIN, Ignacio SEGARRA  
  
Additional name(s) of conveying party(ies) attached?  
 yes  no  
**3-14-01**

2. Name and address of receiving party(ies)?  
  
BIODELIVERY SCIENCES, INC.  
185 South Orange Avenue, Bldg. 4  
Newark, New Jersey 07103

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Names  
 Other  
  
Execution Date: August 2, 4, 2, 2000

Additional name(s) & address(es) attached?  
 yes  no

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No.(s)/Confirmation No.(s)  
09/613,840

B. Patent No.(s)  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:  
1  
  
7. Total Fee (37 CFR 3.41): \$40.00  
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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.  
  
Susan J. Mack  
Susan J. Mack

Reg. No. 30,951  
  
March 14, 2001  
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PATENT  
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## Assignment

Whereas, we

Leila ZARIF  
9 Huron Trail  
Branchburg,  
New Jersey, 08876

Tuo JIN  
445 Valentine Street  
Highland Park,  
New Jersey, 08904

Ignacio SEGARRA  
170 Montrose Ave  
South Orange,  
New Jersey 07079

hereinafter called assignors, have invented certain improvements in NEW COCHLEATE FORMULATIONS, PROCESS OF PREPARATION AND THEIR USE FOR THE DELIVERY OF BIOLOGICALLY RELEVANT MOLECULES and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, BIODELIVERY SCIENCES, INC., 185 South Orange Avenue, Bldg 4, Newark, NEW JERSEY 07103, respectively, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here

in parentheses (Application number 09/613,840, filed July 11, 2000) the filing date and application number of said application when known.

Date: Aug 2, 2000 *Leila Zarif*  
Leila ZARIF

Date: 8/4/2000 *Tuo Jin*  
Tuo JIN

Date: 8/2/00 *Ignacio Segarra*  
Ignacio SEGARRA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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