1. Name of conveying party(ies):
   Daniel E. Levy

Additional name(s) of conveying parties attached? ☑ Yes □ No.

3. Nature of conveyance:
   ☑ Assignment □ Merger
   □ Security Agreement □ Change of Name
   □ Other: ____________________________

Execution Date: 11/12/02, 11/12/02 and 11/22/02

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): 10/237,153
   B. Patent No(s):

   Additional numbers attached? □ Yes ☑ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: William B. Kezer
   TOWNSEND AND TOWNSEND AND CREW LLP
   Two Embarcadero Center, 8th Floor
   San Francisco, California 94111-3834
   (415) 576-0200

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): $40.00
   □ Enclosed
   ☑ Authorized to be charged to deposit account

8. Deposit account number: 20-1430
   (Attach duplicate copy of this page if paying by deposit account)

   To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

   William B. Kezer
   Name of Person Signing
   Atty. Reg. No: 37,369
   Signature
   Date: 1-10-03

Total number of pages including cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

PATENT
REEL: 013687 FRAME: 0726
1. Additional name(s) of conveying party(ies):
   (Continued from Page 1)
   Mark S. Smyth
   Robert M. Scarborough

2. Additional name(s) and address(es) of receiving party(ies):
   (Continued from Page 1)

3. Additional application number(s) or patent number(s):
   (Continued from Page 1)
   A. Patent Application No.(s)  B. Patent No.(s)
ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Daniel E. Levy, of 2035 Carmelita Drive, San Carlos, CA 94070; Mark S. Smyth of 860 Pollux Drive, Foster City, CA 94404; Robert M. Scarborough of 22 Greenbrier Court, Half Moon Bay, CA 94019 hereinafter referred to as “Assignors,” are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PIPERAZINE AND HOMOPIPERAZINE COMPOUNDS

Date(s) of execution of Declaration: 11/12/02, 11/12/02 and 11/22/02

Filing Date: September 6, 2002

Application No.: 10/237,153

WHEREAS, Millennium Pharmaceuticals, Inc., a corporation of the state of Delaware, located at 75 Sidney Street, Cambridge, MA, 02139, hereinafter referred to as “ASSIGNEE,” is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee’s successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee’s expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee’s successors and assigns.
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 11/12/02  
Daniel E. Levy

SIGNATURE WITNESSED BY:

(1) Dated: 11/12/02

(2) Dated: 11/12/02

Dated: 11/12/02  
Mark S. Smyth

SIGNATURE WITNESSED BY:

(1) Dated: 11/12/02

(2) Dated: 11/12/02
Dated: 11-22-02

SIGNATURE WITNESSED BY:

(1) Dated: 11/22/02

(2) Dated: 11/22/02

Robert M. Scarborough

[Signature]

RECORDED: 01/10/2003