To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereunto:

1. Name of conveying party(ies):
   Xinqin FANG, David S. GARVEY, L. Gordon LETTS

   Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):
   Name: NitroMed, Inc.
   Internal Address: 

   Street Address: 12 Oak Park Drive
   City: Bedford State/Country: Massachusetts ZIP: 01730

   Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:
   X Assignment
   _ Merger
   _ Security Agreement
   _ Change of Name
   _ Other

   Execution Date: July 29, 2003

4. Application number(s) or patent number(s):
   If the document is being filed together with a new application, the execution date of the application is: August 1, 2003

   A. Patent Application No(s).
      10/631782

   Additional numbers attached?  Yes  No

   B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: HALE AND DORR LLP
   Internal Address: 

   Street Address: 1455 Pennsylvania Ave., N W.
   City: Washington State: DC ZIP: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) .................................. $40.00
   _ Enclosed
   X Authorized to be charged to deposit account

8. Deposit account number:
   08-0219

   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.

   Edward D. Greff, Registration No. 38,898
   Name and Registration No. of Person Signing
   Signature
   Total number of pages comprising cover sheet: 1

   Date

CMB No. 0851-0011 (exp. 4/94)

08/12/2003 ECOOPER 00000094 080219 10631782
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ASSIGNMENT

WHEREAS, I, Xinqin Fang, being a citizen of the U.S.A., and residing at 77 Bow Street, Lexington, MA 02420; David S. Garvey, being a citizen of the U.S.A., and residing at 10 Grand Hill Drive, Dover, MA 02030; Gordon Letts, being a citizen of Australia, and residing at 12 Abbott Road, Dover, MA 02030; am the inventor of certain new and useful inventions and discoveries, for which application(s) for Letters Patent "NITROSATED PROTON PUMP INHIBITORS, COMPOSITIONS AND METHODS OF USE" which is being filed herewith with the United States Patent and Trademark Office; and with the United States Patent and Trademark Office as Receiving Office for the Patent Cooperative Treaty;

WHEREAS, NitroMed, Inc., whose address is 12 Oak Park Drive, Bedford, MA 01730, and which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for good and valuable consideration furnished by ASSIGNEE to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE my entire right, title, and interest in and to said inventions and discoveries, said applications for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, continued prosecution applications, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make,
use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to me or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to me relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

Date: 7/29/03  Signature of Inventor:  

Xinqin Fang

Date: 7/29/03  Signature of Inventor:  

David S. Garvey

Date: 7/29/03  Signature of Inventor:  

L. Gordon Letts