

08-01-2001



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OMB No. 0651-0011 (exp. 4/94)

To the Commissioner of Patent and Trademarks:  
Please record the attached original documents or copy thereof.

11011 U.S. PRO  
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1. Name of conveying party(ies):  
  
Dr. Rajanikanth Bandaru  
Dr. Gyanendra Kumar  
  
7-20-61  
  
Additional name(s) of conveying party(ies) attached:  
☐ Yes ☒ No  
  
3. Nature of conveyance:  
☒ Assignment ☐ Merger  
  
☐ Security/Agreement ☐ Change of Name  
  
☐ Other -  
  
Execution Date: 11 July 2001

2. Name and address of receiving party(ies):  
  
Name: Molecular Staging, Inc.  
  
Internal Address: Suite 701  
  
Street Address: 300 George Street  
  
City: New Haven State: CT Zip: 06511  
  
Additional name(s) & address(es) attached: ☐ Yes ☒ No

4. Application 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) : filed herewith  
Filed: 20 July 2001  
B. Patent No.(s)  
Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
concerning document should be mailed:  
Name: Alan J. Grant, Esq.  
  
Internal Address: Carella, Byrne, Bain, Gilfillan, Cecchi,  
Stewart & Olstein  
Street Address: 6 Becker Farm Road  
City: Roseland State: New Jersey Zip: 07068

6. Total number of applications and patents involved: 1  
  
7. Total fee (37 CFR 3.41)....\$40.00  
☐ Enclosed  
☒ Additional fees, if any, authorized to be charged to deposit  
account  
8. Deposit account number:  
03-0678  
(Attach duplicate copy of this page if paying by deposit account)

07/31/2001 101A21 00000145 09910372  
01 FC:581 40.00

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9. Statement and signature.  
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.  
  
Alan J. Grant, Esq. 20 July 2001  
Name of Person Signing Signature Date  
  
Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231



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PATENT TRADEMARK OFFICE

REEL: 012016 FRAME: 0316

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, **Dr. Rajanikanth Bandaru and Dr. Gyanendra Kumar** hereby sell, assign and transfer to **MOLECULAR STAGING, INC.** ("Assignee"), having a place of business at 300 George Street, Suite 701, New Haven, CT 06511, the corporation, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as

**5'THIOPHOSPHATE DIRECTED LIGATION OF OLIGONUCLEOTIDES AND USE IN DETECTION OF SINGLE NUCLEOTIDE POLYMORPHISMS**

and in and to all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original, re-examined and reissued patents and extensions thereof which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Improvements").

The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said Improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, non-provisionals based on provisionals, and all other patent applications on all such Improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said Improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said Improvements and for vesting title to said Improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represents and warrants to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

The undersigned hereby grants power to John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); William Squire (Reg. No. 25,378); and Alan J. Grant (Reg. No. 33,389) to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. Address correspondence and telephone calls to Alan J. Grant, Esq., c/o Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, New Jersey 07068.

IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: Rajanikanth Bandaru Date: 07/11/01  
Rajanikanth Bandaru

STATE OF CT, COUNTY OF New Haven SS.:

Before me this 11<sup>th</sup> day of July, 2001 personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

[Signature]  
Notary Public EXPIRATION 1/31/06

Inventor's Signature: Gyanendra Kumar Date: 7/11/01  
Gyanendra Kumar

STATE OF CT, COUNTY OF New Haven SS.:

Before me this 11<sup>th</sup> day of July, 2001 personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

[Signature]  
Notary Public EXPIRATION 1/31/06

**CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN**  
6 Becker Farm Road - Roseland, NJ 07068 - (973) 994-1700

Docket No. 469201-57

RECORDED: 07/20/2001

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