| U.S. DEPARTMENT OF | COMMERCE |
|------------------------|-------------|
| U.S. PATENT AND TRADEM | IARK OFFICE |

| RECORDATION FORM COVER SHEET | |
|------------------------------|--|
| PATENTS ONLY | |

| | TO THE DIRECTOR PLEASE RECORD | OF THE UNITED S | TATES PATE | NT AND TRADEMAR | K OFFICE: THEREOF. |
|---|---|---|-------------------------------------|---|---|
| | Conveying party(ies | | | 2. Nature of cor | |
| 1. <u>Name(s)</u> | | ExecutionDate | <u>:(s)</u> | Assignment | |
| mmacolata CONTE | | May 14, 2007 | | Mergør | Change of Name |
| Caterina ERCOL/ | ANI | May 14, 2007 | | Other: | |
| Claudio GIULIAN | 0 | May 14, 2007 | | | |
| an STANSFIELD | | May 14, 2007 | | | dress of receiving party(ies): i Ricerche Di Biologia Molecolare etti SpA |
| <u> </u> | | | | Internal Address: | |
| | | | | Street Address: 🖢 | /ia Pontina KM 30.600 |
| | | | | City & State: 00 | 040 Pomezia Rome Italy |
| | | | | - | <u> </u> |
| Additional name(s) (| f conveying party(les) at | tached? Yes | X No | Additional name | e(s) & 🖂 🖂 🔽 Na |
| _ | DRS OF HCV REPLICAT | | plication. | Additional numbe | ers attached? Yes 🔀 No |
| | of party to whom corres ments should be mailed e | | | | s & patents involved: <u>1</u>) <u>\$ 40.00</u> |
| Internal Address: | PATENT DEPARTMEN MERCK & CO., INC. P.O. BOX 2000 RY6 | | X | [⊎] account number e | reby authorized to charge the deposentered below for any fees which ma credit any overpayment. |
| City & State: | RAHWAY, N.J. Zi | p: <u>07065-0907</u> | 8. Depos | it account number | |
| | | DO NOT US | E THIS SP | ACE | |
| Statement and To the best of r | - | ief, the foregoing | information | n is true and corre | ct and any attached copy is a tru |
| copy of the orig | | A 51 158 | \bigcirc | L'ulak. | لا July 22, 2008 |
| <u>Julie M. Lake</u> Name of Per | | lo. <u>51,156</u> | _ / | Signature | <u>5017 22, 2005</u> Date |
| | | pages including of | cover sheet | t, attachments, and | d documents: 4 |
| OTE: Send to Ma | | | | | Trademark Office at (571) 273-(|
| · · · · · · · · · · · · · · · · · · · | CERTIFICA | TE O <u>F MAILIN</u> Ġ | OR FACS | IMILE TRANSMIS | SSION |
| I hereby certify that addressed to: Direc Trademark Office of | this correspondence is being de itor of the U.S. Patent and Trac n: | posited with the United a emark Office, P.O. Box | States Postal Se 1450, Alexandri | ervice with sufficient posta ia, VA 22313-1450, or fac | ge as first class mail in an envelope simile transmitted to the U.S. Patent and |
| Name (Print/Typ | e) Kelly Ar | n PANNO | | · · · · | |
| Signature | Him a | Jan | | Date July 22, 200 | 8 |
| DUPLICATE | F0- | Computer generated for | orm Merck & Co | o., inc. "Recordal Form" (A | ssignments Folder) 5/2/2008 Page 1 (|

:

Attorney Docket Number U.S. Serial No. Filing Date ITT0085P 11/664,580 September 29, 2005

<u>ASSIGNMENT</u>

WHEREAS, we/I,

| Immacolata CONTE | Caterina ERCOLANI | Claudio GIULIANO |
|---------------------|-------------------|------------------|
| Giovanni MIGLIACCIO | Ian STANSFIELD | |

a/all Italian citizens with the exception of Ian Stansfield who is a British citizen of:

IRBM Via Pontina KM 30.600 00040 Pomezia (Rome) <u>ITALY</u> IRBM Via Pontina KM 30.600 00040 Pomezia (Rome) ITALY IRBM Via Pontina KM 30.600 00040 Pomezia (Rome) ITALY

IRBM Via Pontina KM 30.600 00040 Pomezia (Rome) ITALY IRBM Via Pontina KM 30.600 00040 Pomezia (Rome) ITALY

have invented certain new and useful improvements in

MODULATORS OF HCV REPLICATION

AND WHEREAS, Istituto Di Ricerche Di Biologia Molecolare P. Angeletti SpA, an Italian company of Via Pontina KM 30.600, 00040 Pomezia (Rome), Italy is desirous of acquiring the entire right, title and interest in and to the said invention.

NOW THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we/I, the said

| Îmmacolata CONTE | Caterina ERCOLANI | Claudio GIULIANO |
|---------------------|-------------------|------------------|
| Giovanni MIGLIACCIO | Ian STANSFIELD | |

have agreed to and do hereby sell, assign and transfer unto the said Istituto Di Ricerche Di Biologia Molecolare P. Angeletti SpA the entire right, title and interest in and throughout the United States of America and its Territories in and to said invention, said application for Letters Patent and any and all Letters Patent and extensions thereof

> PATENT REEL: 021276 FRAME: 0875

of the United States of America which may be granted on said invention or part thereof, or on said application or any divisional, continuing, renewal, reissue or other application based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by the said Istituto Di Ricerche Di Biologia Molecolare P. Angeletti SpA its successors and assigns to the full ends of the terms for which said Letters Patent or any of them may be granted as fully as the same would have been held and enjoyed by us/me had no sale and assignment of said interest been made; and we/I do hereby request that any and all Letters Patent which may be granted upon the said application above referred to, or any of them, upon said invention or any part thereof, be issued to

Istituto Di Ricerche Di Biologia Molecolare P. Angeletti SpA

aforesaid; and we/I hereby agree for ourselves and our heirs, executors and administrators, to execute without further consideration any further lawful documents and further assurances, and any reissue, renewal or other application for Letters Patent that my be deemed necessary by the assignee herein named fully to secure to the said assignee our interest as aforesaid in and to said invention or any part thereof, and in and to said several Letters patent or any of them.

We/I hereby authorize our attorney, ______ or an attorney with Power of Attorney in this application to insert the Serial No. and Filing Date of said United States Application when known.

IN WITNESS WHEREOF, we/I have hereunto affixed our/my seal(s) and set our/my hand(s)

Inventor Immacolata CONTE Date: https://www.uki.com Date: https://www.uki.com

Inventor Caterina ERCOLANI Date: MRT 194, 2007

Inventor Claudio GIULIANO Date: 1994 1997 2007

Inventor Giovanni MIGLIACCIO -DECEASED Date:

Inventor Ian STANSFIELI Date: MAH 14 12007

Patent Case No. ITT0085P USA

| | RECORDATION FORM CC PATENTS ONL | |
|---|--|---|
| | TOR OF THE UNITED STATES PAT RD THE ATTACHED ORIGINAL DO | ENT AND TRADEMARK OFFICE: CUMENTS OR COPY THEREOF. |
| 1. <u>Name(s)</u> Immacolata CONTE Caterina ERCOLANI Claudio GIULIANO | /(ies): <u>ExecutionDate(s)</u> <u>May 14, 2007</u> <u>May 14, 2007</u> | 2. Nature of conveyance: Assignment Security Agreement Merger Change of Name Other: |
| | <u>May 14, 2007</u> <u>May 14, 2007</u> | 3. Name and address of receiving party(ies): Name: Istituto Di Ricerche Di Biologia Molecolare P. Angeletti SpA Internal Address: Street Address: <u>Via Pontina KM 30.600</u> |
| | s) attached? Yes 🔀 No | City & State: 00040 Pomezia Rome Italy Zip/Postal Code: Additional name(s) & addresses attached? Yes X No |
| Patent Application No(s). <u>11/664</u> and titled: MODULATORS OF HCV REPLIC | | , filed on <u>September 29, 2005</u> , , , , , , , , , , , , , , , , , , , |
| Name & address of party to whom concerning documents should be main and the should be should be main and the should be should be | MENT 7 Tota 2: 2: 2: 3:00 3:00 2: | al no. of applications & patents involved: 1 al fee (37 CFR 3.41)<u>\$ 40.00</u> Enclosed The Director is hereby authorized to charge the deposit account number entered below for any fees which may be required or to credit any overpayment. esit account number: 13-2755. |
| | | |
| copy of the original document. <u>Julie M. Lake</u> Reg Name of Person Signing | g. No. <u>51,156</u> | on is true and correct and any attached copy is a true July 22, 2008 Signature Date et, attachments, and documents: 4 |
| NOTE: Send to Mall Stop Assignmen | nt Recordation Services or F | ax to Patent and Trademark Office at (571) 273-0140 |
| CERTIFI I hereby certify that this correspondence is bein addressed to: Director of the U.S. Patent and Trademark Office on: | CATE OF MAILING OR FAC. Ing deposited with the United States Postal 3 Trademark Office, P.O. Box 1450, Alexand | |
| Name (Print/Type) REIV Signature Kury On | Pr-no | Date July 22, 2008 |
| | Computer generated form Merck & C | co., Inc. "Records! Form" (Assignments Folder) 5/2/2008 Page 1 of 1 |

PATENT REEL: 021276 FRAME: 0877

RECORDED: 07/22/2008