nt of Commerce, U.S. Patent and Trademark Office Form PTO-1595 6/93 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Mirari Biosciences, Inc. Mark Martin, 6516 Old Farm Court Rockville, Maryland, US Street Address: Rockville City: Maryland State: 20852 Postal Code: **United States** Country: Additional name(s) of conveying party(ies) attached? wes in no Additional name(s) & address(es) attached? ? □ yes ☑ no 3. Nature of Conveyance: ☑ Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other Execution Date(s): November 4, 2002 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: November 4, 2002 B. Patent No(s). A. Patent Application No(s). □ ves ☑ no Additional numbers attached? 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41).......\$ 40.00 Name: Liniak, Berenato, Longacre & White, LLC ☑ Enclosed Internal Address: ☐ Authorized to be charged to Deposit Account Street Address: 6550 Rock Spring Dr., Suite 200 8. Deposit Account Number: 50-0548 City: Bethesda State: MD Zip Code: 20817 11/05/2002 HLE333 00000048 10286796 DO NOT USE THIS SPACE 40.00 OF 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. Jeffrey I. Auerbach Name of Person Signing Registration No. 32,680 Total number of pages including cover sheet, attachments and document OMB NO. 0651-0011 (exp.4/94) Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

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CS ASSIGNMENT 20

For good and valuable consideration, the receipt of which is hereby acknowledged, paid to each of: **Mark T. Martin** of Rockville, MD (the undersigned Inventor), hereby sells and assigns to **Mirari Biosciences, Inc.**, 6516 Old Farm Court, Rockville, MD 20852 (the Assignee) his entire right, title and interest

For the United States of America (as defined in 35 U.S.C. § 100)

and

☑ Throughout the World

in all invention(s) described or claimed in application(s) for patent in the United States of America entitled:

METHODS AND COMPOSITIONS FOR REVERSE TRANSLATION

which application(s) for patent is (are) filed herewith;

and in United States Patent Application Serial No: <u>60/331,299</u>, filed by the undersigned on <u>November 14, 2001</u>, and in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this Assignment, such entire right, title and interest to be held and enjoyed by the abovenamed Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agrees to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict therewith.

Each of the undersigned hereby grants the following agents and attorneys the power to insert in this Assignment any further identification that may be necessary or desirable in

PATENT REEL: 013460 FRAME: 0403 order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Thomas P. Liniak, Reg. No. 33,415 Joseph W. Berenato, III, Reg. No. 30,546 James R. Longacre, Reg. No. 24,421 Matthew W. Stavish, Reg. No. 36,286 Karen Orzechowski, Reg. No. 31,621 John M. White, Reg. No. 32,634 Stuart D. Frenkel, Reg. No. 29,500 Jeffrey I. Auerbach, Reg. No. 32,680 Matthew F. Johnston, Reg. No. 41,096 George Ayvazov, Reg. No. 37,483

IN WITNESS WHEREOF, executed by each of the undersigned Inventors on the date(s) opposite their name(s).

Date: Nov. 4, 2002

Signature of Mark T. Martin

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RECORDED: 11/04/2002