6.30.99

101087452
RECORDATION FORM COVER SHEET

U.S. Department of Commerce Patent and Trademark Office PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof: Name and address of conveying party(ies): Name and address of receiving party(ies): Marker Gene Technologies, Inc. Name: John J. Naleway Address: 1850 Millrace Drive Address: 3247 Lincoln Street Eugene, Oregon 97405-2773 Eugene, Oregon 97403-1927 Additional name(s) of receiving party(ies) attached? Individual Limited Partnership General Partnership Corporation, State of Yes Other: _ Additional name(s) of conveying party(ies) attached? X Yes Nature of Conveyance: Assignment Merger Change of Name Security Agreement Other: Execution Date: June 29, 1999 Application Number(s) or Patent Number(s): Unknown Patent Number(s): N/A A. Patent Application Number(s). Title: Compositions and Methods for Targarted Additional numbers attached? ____ Yes ____ No Enzymatic Release of Cell Regulatory Compounds Filed: Herewith Additional numbers attached? Yes Name and address of party to whom correspondence concerning Total number of applications and patents involved: this document should be mailed: Total fee (37 C.F.R. § 3.41)(\$40.00 per assignment): \$40.00 Name: Nina K. Srejovic, Esq. X Enclosed Address: McCutchen, Doyle, Brown & Enersen Authorized to be charged to deposit account. Three Embarcadero Center The Commissioner is authorized to charge underpayment San Francisco, California 94111 of any fees or credit any overpayment to deposit Account Number 13-0257. Deposit Account Number: ___ DO NOT USE THIS SPACE 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. ITHAI1 Nin 20000027 09343325 eg. No. 40 07/12/1999 Name, Registration Number op Total number of pages including cover sheet, attachments and document: ____4___ Mail documents to be recorded with Commissioner of Patents and Trademarks required cover sheet information to: Box Assignments Washington, D.C. 20231

AB991810.078 Docket No. [Number]

01 FC:581

06/30/99 02:53 PM

Box 1 Additional Names:

Name:

Rachel A. Howard

Address:

1333 Oakpatch Road, No. 17 Eugene, Oregon 97402

2

PATENT APPLICATION Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors:

John J. Naleway Rachel A. Howard

Who have created a certain invention for which an application for United States Letters Patent entitled COMPOSITIONS AND METHODS FOR TARGETED ENZYMATIC RELEASE OF CELL REGULATORY COMPOUNDS the specification of which is attached;

Do hereby sell, assign and transfer to Marker Gene Technologies, Inc., a corporation, having a place of business at 1850 Millrace Drive, Eugene, Oregon 97403-1927, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Marker Gene Technologies, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has

AB991690.093 Docket No. 21682-701-00 US

> PATENT REEL: 010076 FRAME: 0245

been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the date indicated below.

John N. Naleway

Date: 6.29.99

Rachel A. Howard

Date: 6 29 / 99

PATENT REEL: 010076 FRAME: 0246