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| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | |
| NATURE OF CONVEYANCE: | | ASSIGNMENT | | | |
| CONVEYING PARTY | Υ DATA |] | | | |
| Name Execution Date | | | | | |
| Genpharm International, Inc. 02/14/1994 | | | | | |
| RECEIVING PARTY | DATA | | | | |
| Name: | Gene Pharming Europe BV | | | | |
| Street Address: | Niels Bohrweg 11-13 | | | | |
| City: | CA Leiden | | | | |
| State/Country: | NETHERLANDS | NETHERLANDS | | | |
| Postal Code: | 2333 | 2333 | | | |
| Property Type | | Number | | | |
| Property Type | | Number | | | |
| | | 5633076 5741957 | | | |
| Patent Number: 5741 | | | | | |
| Patent Number: 6013 | | 6013857 | | | |
| Patent Number: 6140 | | 6140552 6066725 | | | |
| Patent Number: 6066 | | 725 | | | |
| Application Number: 0942 | | 6591 | | | |
| Application Number: 10170 | |)221 | | | |
| Application Number: 1098 | | 7587 | | | |
| CORRESPONDENCE DATA Fax Number: (415)576-0300 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: (415) 576-0200 | | | | | |
| Email: | mmvinnola@townsend.com | | | | |
| Correspondent Name | | | | | |
| Address Line 1: Address Line 2: | Two Embarcadero Center, Eighth Floor | | | | |
| | | | | | |

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PATENT REEL: 017215 FRAME: 0977

| Address Line 4: San Francisco, CALIFORNIA 94111-3834 | | | | |
|--|------------------|--|--|--|
| ATTORNEY DOCKET NUMBER: | 016994-018700US | | | |
| NAME OF SUBMITTER: | Milan M. Vinnola | | | |
| Total Attachments: 2 source=016994-003100US GENPHARM INTL TO GENE PHARMING EUROPE BV#page1.tif source=016994-003100US GENPHARM INTL TO GENE PHARMING EUROPE BV#page2.tif | | | | |

ASSIGNMENT

WHEREAS, GENPHARM INTERNATIONAL, INC., a Delaware corporation, having a place of business at 297 N. Bernardo Avenue, Mountain View, California 94043, USA, hereinafter referred to as "ASSIGNOR," is the owner of all rights in certain new and useful improvements as described and set forth in the below-identified applications for United States Letters Patent:

Title: EARLY DETECTION OF TRANSGENIC EMBRYOS Inventor(s): KRIMPENFORT, LEE, STRIJKER Filed: 06/12/92 U.S. Serial No.: 07/898,208

Title: PRODUCTION OF RECOMBINANT POLYPEPTIDES BY BOVINE SPECIES AND TRANSGENIC METHODS

Inventor(s): DE BOER, STRIJKER, HEYNEKER, PLATENBURG, LEE, PEIPER Filed: 06/15/93

U.S. Serial No.: 08/077,788

Title: PRODUCTION OF RECOMBINANT POLYPEPTIDES BY BOVINE SPECIES AND TRANSGENIC METHODS

Inventors: DE BOER, STRIJKER, HEYNEKER, PLATENBURG, LEE, PIEPER, KRIMPENFORT

Filed: 11/16/93

U.S. Serial No.: 08/154,019

Title: INTRACELLULAR GENERATION OF DNA BY HOMOLOGOUS RECOMBINATION OF DNA FRAGMENTS Inventors(c). KAY, BERNS, KRIMPENFORT, PIEPER, STRIJKER Filed: 08/22/91 Serial No.: 07/989,002

WHEREAS, Gene Pharming Europe BV, with place of business at Niels Bohrweg 11-13, 2333 CA Leiden, The Netherlands, hereinafter referred to as "ASSIGNEE," wants to acquire an interest in the inventions and applications and in any Letters Patents and Registrations that may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the inventions and applications, and in and to any Letters Patents and Registrations which may hereafter be granted on the same in the United States. The right, title and interest is to be held and enjoyed by Assignee and

> PATENT REEL: 017215 FRAME: 0979

Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patents and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patents applications and foreign counterparts on the inventions and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patents applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patents and Registrations for the inventions and assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, this Assignment is executed this <u>14th</u>day of February ______, 199_4___.

| | BY: Jonathan MacQuitt; Jonathan MacQuitt; TITLE: Chief Executive 0: | y |
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| personally appeared | ILE MANGE FINT NOTARY PUBLIC" | OPTIONAL SECTION OPTIONAL SECTION CAPACITY CLAIMED BY SIGNER Though statute does not require the Notary to Hi in the data below. doing so may prove invaluable to persons relying on the oocument. INDIVIDUAL CORPORATE OFFICER(S) TITLE(S) PARTNER(S) LIMITED GENERAL ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR OTHER: SIGNER IS REPRESENTING: NAME OF PERSON(S) OR ENTITY(IES) |
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