PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	01/18/2000

RECEIVING PARTY DATA

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government	
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)	
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980	
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20892-7980	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09384959

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Director, DEITR

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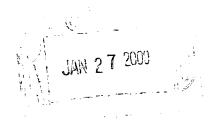
Address Line 4: Bethesda, MARYLAND 20892-7980

NAME OF SUBMITTER: Director, DEITR, NIH

Total Attachments: 1

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PATENT REEL: 021448 FRAME: 0480



LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confers to the United States Government, as represented by the Department of Health and Human Services, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention, patent application and any and all divisions or continuations, and any resulting patent or reissues which may be granted thereon:

Invention Title:

"Heparinase II Selective for Heparan Sulfate Degradation"

Inventor(s):

Ram Sasisekharan et al

Serial No.: Filing Date:

09/384,959 August 27, 1999

Title:

"Rationally Designed Heparinases Derived from Heparinase I and

Country, if other than United States:

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, National Institutes of Health Grant No.

Principal rights to this subject invention have been left with the Licensor: MASSACHUSETTS INSTITUTE OF TECHNOLOGY, subject to the provisions of 37

Signed this 18 day of January, 2000.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By

Jarmila Z. Hrbek, Jarmia Z. Hrbek,
Patent Administrator and Office Manager

Technology Licensing Office

PATENT REEL: 021448 FRAME: 0481

RECORDED: 08/27/2008