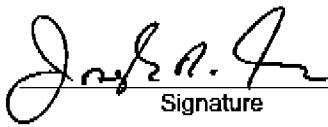


Attorney Docket No. 021288-002710US

Form PTO-1595 (Rev. 10-02) OMB No. 0661-0027 (exp. 5/31/2002)		Recordation Form Cover Sheet PATENTS ONLY		U.S. Department of Commerce U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof					
1. Name of conveying party(ies): <p style="text-align: center;">Hong Liu</p> Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No.		2. Name and address of receiving party(ies) Name: IRM LLC Internal Address: Sophia House Street Address: 48 Church Street City: Hamilton Bermuda ZIP: Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		Execution Date: <u>06/11/04; 06/17/04; 06/21/04</u>			
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: A. Patent Application No(s): 10/807,613 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph R. Snyder TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834 (415) 576-0200		6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41): -----\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 20-1430 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> Joseph R. Snyder Name of Person Signing Atty. Reg. No. 39,381 </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>July 6, 2004</u> Date </div> </div>					
Total number of pages including cover sheet, attachments and documents: 6					

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 Alexandria, VA 22313-1450

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Recordation Form Cover Sheet
Patents Only
Page 2

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Phil Alper
Arnab Chatterjee
David Tully
Badry Bursulaya
David Woodmansee
Robert Epple
Jennifer Leslie Harris
Jun Li

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

60252022 v1

Attorney Docket No.: 021288-002710US
Client Reference No.: P1095US00

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Hong Liu of 6348 Oleander Way, San Diego, CA 92130; Phil Alper of 12184 Pepper Tree Lane, Poway, CA 96024; Arnab Chatterjee of 1007 Guadalupe Drive, Encinitas, CA 92024; David Tully of 4278 Calle Isabelino, San Diego, CA 92130; Badry Bursulaya of 4018 Nobel Drive, Unit 301, San Diego, CA 92122; David Woodmansee of 2966 Kobe Dr., San Diego, CA 92123; Robert Epple of 8045 Via San Saba, San Diego, CA 92122; Jennifer Leslie Harris of 4572 Tivoli Street, San Diego, CA 92107; Jun Li of 11618 Trailbrush Point, San Diego, CA 92126, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **INHIBITORS OF CATHEPSIN S**
Filing Date: **March 23, 2004**
Application No.: **10/807,613; and**

WHEREAS, IRM LLC, a Delaware Limited Liability Company of c/o Sophia House, 48 Church Street, Hamilton, Bermuda, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent 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.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignment
Attorney Docket No.: 021288-002710US
Page 2

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

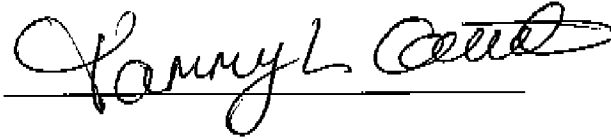
Dated: June 11, 2004



Hong Liu

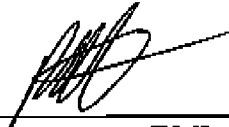
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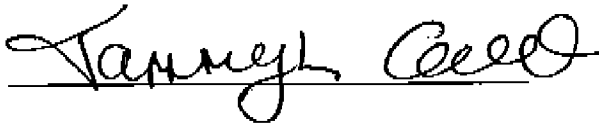
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Phil Alper


SIGNATURE WITNESSED BY:

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(2) Dated: _____

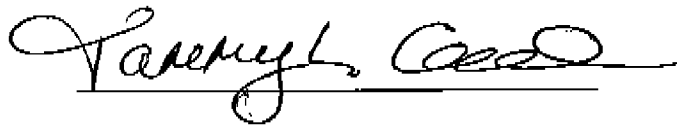
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Arnab Chatterjee

SIGNATURE WITNESSED BY:

(1) Dated: 6/11/04



(2) Dated: _____

Assignment
Attorney Docket No.: 021288-002710US
Page 3

Dated: 6/17/04


David Tully

SIGNATURE WITNESSED BY:

(1) Dated: 6/17/04



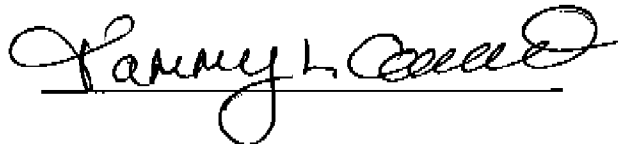
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Dated: 06/11/04


Badry Bursulaya

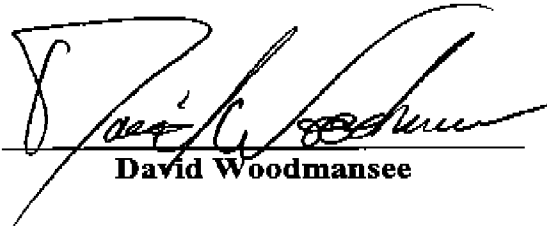
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(2) Dated: _____

Dated: 6/21/04


David Woodmansee

SIGNATURE WITNESSED BY:

(1) Dated: 6/21/04



(2) Dated: _____

Assignment

Attorney Docket No.: 021288-002710US

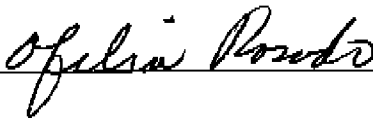
Page 4

Dated: 06/21/04


Robert Epple

SIGNATURE WITNESSED BY:

(1) Dated: 6/21/04



(2) Dated: _____

Dated: 4/7/04


Jennifer Leslie Harris

SIGNATURE WITNESSED BY:

(1) Dated: 6/11/04



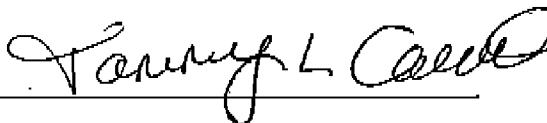
(2) Dated: _____

Dated: 6-11-2004


Jun Li

SIGNATURE WITNESSED BY:

(1) Dated: 6/11/04



(2) Dated: _____

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