# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Leroy Hood	01/05/2005

## **RECEIVING PARTY DATA**

Name:	Institute for Systems Biology		
Street Address:	1441 North 34 Street		
City:	Seattle		
State/Country:	WASHINGTON		
Postal Code:	98103		

### PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	60470322	
Application Number:	10843985	

# **CORRESPONDENCE DATA**

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Total Attachments: 2

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> PATENT **REEL: 015713 FRAME: 0630**

Attorney Docket No.: 14538A-007610US

### ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Zhen Guo of 14611 NE 39th, Apt. 1044, Bellevue, WA 98007; Leroy Hood of 6411 Windemere Road, Seattle, WA 98105, 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:

METHODS FOR HAPLOTYPING GENOMIC DNA

Filing Date:

May 12, 2004

Application No.:

10/843,985; and

Title of Invention:

METHODS FOR HAPLOTYPING GENOMIC DNA

Filing Date:

May 12, 2003

Application No.:

60/470,322; and

WHEREAS, Institute for Systems Biology, a non-profit organization, located at 1441 North 34th Street, Seattle, WA 98103, 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.

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IN TESTIM	ONY WHEREOF,	Assignors have signed their names on the	e dates indicated.
Dated:		Zhen Guo	
STATE OF	) ) ss.		
COUNTY OF KING	)		
of satisfactory evidence) to b	be the person whose	, before me,, personally known to me (or proved to name is subscribed to the within instrumme in his/her authorized capacity, and that the person actor is the	at by his/her
WITNESS my hand and off	icial seal.		
		NOTARY PUBLIC	_
My Commission Expires: _			
Dated: 1 5 65	<del></del>	Leroy Hood	<b>-</b>
STATE OF Washington COUNTY OF KING	) )		·
On	be the person whose	_, before me,	s signature on the instrument.
WITNESS my hand and of			WINT D. MELLIN
My Commission Expires:	11-12-06	NOTARY PUBLIC	TO THE STATE OF WASHING

**PATENT** REEL: 015713 FRAME: 0632

**RECORDED: 03/01/2005**