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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	Ύ DATA			
		Name	Execution Date	
Oligovation AB			12/21/2006	
RECEIVING PARTY	/ DATA			
Name:	Helicos BioSciences Corporation			
Street Address:	One Kendall Square			
Internal Address:	Building 700			
City:	Cambridge			
State/Country:	MASSACHUSETTS			
Postal Code:	02139			
Property Type Patent Number: 6		Numbe 09836	r	
		6639088		
		10694628 6255475		
Tatent Number.	02			
CORRESPONDENC	CE DATA			
Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	617-338-29 bkowalczuł ne: Docketing / Sullivan & V One Post C	<i>iil when the fax attempt is unsuccessfu</i> 953 c@sandw.com	<i>II.</i>	
ATTORNEY DOCKET NUMBER:		HLS		
NAME OF SUBMITTER:		Diana M. Steel, D. Phil.	PATENT	
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CORPORATE ASSIGNMENT

WHEREAS, Oligovation AB (hereinafter "ASSIGNOR"), a corporation organized and existing under the laws of the Sweden, and having a usual place of business at Dag Hammarskjölds väg 32B, Uppsala Science Park, 751 83 Uppsala, Sweden, is the owner of the entire right, title and interest in and to the inventions described in the patents and patent applications of the United States listed in Schedule A; and

WHEREAS, Helicos BioSciences Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at One Kendall Square, Building 700, Cambridge, MA 02139, desires to acquire the entire right, title and interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said the patents and patent applications, together with ASSIGNOR'S entire right, title and interest in and to said the patents and patent applications, and such Letters Patent that may issue thereon or patent application that may claim priority thereto under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, designs, reissues, reexaminations, extensions, and substitutions of said the patents and patent applications, and any right, title and interest in provisional applications to which said the patents and patent applications claims priority and such Letters Patent that may issue thereon; said invention(s), patent applications and Letters Patent to be held and enjoyed by ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made; ASSIGNOR hereby conveys all rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. ASSIGNOR hereby acknowledges that this assignment carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE'S selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of the entire right, title and interest therein;

AND, ASSIGNOR hereby further agrees to execute upon request any other lawful documents and likewise to perform any other lawful acts that may be deemed necessary to secure fully the aforesaid invention(s) to ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, continuation, design, divisional, reissue, reexamination, substitution, or corresponding foreign or international patent applications;

AND, ASSIGNOR hereby further agrees to provide statements or testimony in any interference or other proceeding in which said invention(s) or any patent application or patent directed thereto may be involved;

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AND, ASSIGNOR hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of execution of this assignment;

AND, ASSIGNOR hereby authorizes and requests the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal on the date set forth below.

Dated: 21 Dec 2006

ASSIGNOR: Officer: Name: Marek Kwiatkowski Title: PLD

Date: 21 dec 2006

In Presence of a Witness

Witness Jenny Göransson

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Schedule A

Attorney Docket No.	U.S. Application Serial No.	U.S. Patent No.
HLS-003	09/412,171	6,309,836
HLS-003DV	09/952,719	6,639,088 B2
HLS-003C1	10/694,628	
HLS-004	08/875,243	6,255,475 B1

{B0587913; 1}

RECORDED: 01/11/2007

PATENT REEL: 018746 FRAME: 0337