Form PTO-1595 (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009)	<u>04</u> .	15-2010	"S. DEPARTMENT OF COMMERCE d States Patent and Trademark Office
RFC			
4-14-(2			
To the Director of the U.S. Patent and Trade	10:	3594700	ts or the new address(es) below.
1. Name of conveying party(ies)		2. Name and address of receiving party(ies)	
Stanley Osher; Bing Dong; Barry Lynn Merriman		Name: Level Set Systems, Inc.	
		Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No			
3. Nature of conveyance/Execution Date		Street Address: _1058 Embury Street	
Execution Date(s) Osher: 3/25/10; Dong: 4/8/10,			
Assignment Merrimani 4/6/10 Merger		City: Palisades	
Security Agreement Change of Name		City_Pailsades	
Joint Research Agreement		State: <u>CA</u>	
Government Interest Assignment		Country: USA	Zip: <u>90272</u>
Executive Order 9424, Confirmatory License			
Other			ddress(es) attached? [] Yes [] No
4. Application or patent number(s): CEL this document is being filed together with a new application. A. Patent Application No.(s)			
	a gang gana ang ang ang kabupatèn di Sant Bat Santa Santa S		
12/729,147 APR	1 4 2010		
L U U	ional numbers att	ached?	
5. Name and address to whom corresp			applications and patents
concerning document should be mailed:		involved:	
Name: <u>Stanley Osher</u>		7. Total fee (37 CFR	t 1.21(h) & 3.41) \$_40.00
Internal Address: c/o Level Set Systems, Inc.			
Street Address: <u>1058 Embury Street</u>		Authorized to be charged to deposit account	
			government interest not affecting title)
City: Palisades		8. Payment Informa	ation
State: <u>ca</u> Zip: <u>90272</u>	,,,,,,,,,,,_		
Phone Number: <u>310-573-9339</u>	. <u></u>	Donasit Assaura	t Number
Fax Number:		Deposit Account Number	
Email Address: <u>ilevels310@earthlink.net</u>		Authorized Use	er Name 40.00 04
9. Signature: 4/8/2010			
Signature Date			
Che-Yang Chen Total number of pages including cover Name of Person Signing sheet, attachments, and documents:			
Decuments to be reported (including cover sheet) should be favorite (574) 273 0440 or mailed to			

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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, Stanley Osher, Bin Dong, and Barry Lynn Merriman (hereinafter referred to collectively as "ASSIGNORS") has invented certain new and useful improvements disclosed in the following patent application:

Utility Patent Application No. 12/729,147 entitled, "METHOD AND APPARATUS FOR IMAGE PROCESSING FOR MASSIVE PARALLEL DNA SEQUENCING" filed on March 22, 2010.

WHEREAS, the above-referenced patent application and said improvements disclosed therein are together referred to as PATENT APPLICATION;

WHEREAS, Stanley Osher, a United States citizen residing in Pacific Palisades, California USA may have certain right, title or interest in this PATENT APPLICATION

WHEREAS, Bin Dong, a citizen of China, residing in La Jolla, California USA may have certain right, title or interest in this PATENT APPLICATION

WHEREAS, Barry Lynn Merriman, a United States citizen residing in Carlsbad, California USA may have certain right, title or interest in this PATENT APPLICATION

AND WHEREAS, Level Set Systems, Inc. (hereinafter "ASSIGNEE), a California Corporation, having its principal place of business at 1058 Embury Street, Pacific Palisades, California USA, wishes to acquire entire right, title and interest in and to these PATENT APPLICATION and said improvements, as well as the right of action and all other rights, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and to collect reasonable royalties based on the provisional rights thereof;

NOW THEREFORE, in the receipt of valuable consideration which is hereby acknowledged, ASSIGNORS do hereby sell, assign and set over to ASSIGNEE:

(i) the entire right, title and interest in and to the PATENT APPLICATION and said improvements (any ordinary, divisional, continuation, continuation-in-part and relevant international counterparts), that ASSIGNORS has or may have, and patent applications claiming priority therefrom, including but not limited to all ordinary, divisions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, including but not limited to all ordinaries, divisions, continuations and continuations-in-part thereof, and all patents,

> Page 1 of 2 Assignment of 12/729,147

PATENT REEL: 024236 FRAME: 0237 including but not limited to, extensions, renewals, substitutes and reissues, granted for said improvements in any foreign countries; and

(ii) any and all claims and demands that ASSIGNORS may have against any firm, person or corporation relating to the PATENT APPLICATION including but not limited to, any claim of infringement or claim of provisional rights, whether heretofore or hereafter accrued, together with the right to retain for ASSIGNEE any and all sums that ASSIGNEE may obtain or recover as a result of the assertion or enforcement of any such claim or demand; and

ASSIGNORS hereby authorize and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

ASSIGNORS hereby covenant that ASSIGNORS have full right to convey the entire interest, and that ASSIGNORS have not executed, and will not execute, any agreement in conflict herewith;

IN TESTIMONY WHEREOF, I hereunto set my hand on the date given below.

Stanley Osher

Date: <u>3/25/110</u>

Bin Dong

Date: _____

Barry Lynn Merriman

Date: _____

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> PATENT REEL: 024236 FRAME: 0238

including but not limited to, extensions, renewals, substitutes and reissues, granted for said improvements in any foreign countries; and

(ii) any and all claims and demands that ASSIGNORS may have against any firm, person or corporation relating to the PATENT APPLICATION including but not limited to, any claim of infringement or claim of provisional rights, whether heretofore or hereafter accrued, together with the right to retain for ASSIGNEE any and all sums that ASSIGNEE may obtain or recover as a result of the assertion or enforcement of any such claim or demand; and

ASSIGNORS hereby authorize and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

ASSIGNORS hereby covenant that ASSIGNORS have full right to convey the entire interest, and that ASSIGNORS have not executed, and will not execute, any agreement in conflict herewith;

IN TESTIMONY WHEREOF, I hereunto set my hand on the date given below.

Stanley Osher

Date: _____

Bin Dong

Date: 04/08/20/D

Barry Lynn)Merriman

Date: 17PP16,2010

Page 2 of 2 Assignment of 12/729,147

RECORDED: 04/14/2010

PATENT REEL: 024236 FRAME: 0239