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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY I	DATA			
		Name	Execution Date	
YIN L CHEUNG			11/03/2014	
MICHAEL J ZEITLIN			01/22/2015	
MARK ACOSTA			12/29/2014	
RECEIVING PARTY D	ΑΤΑ			
Name:	LANDMARK GRAPHICS CORPORATION			
Street Address:	2107 CI	2107 CITY WEST BLVD., BLDG. 2		
City:	HOUST	HOUSTON		
State/Country:	TEXAS	TEXAS		
Postal Code:	77042	77042		
PROPERTY NUMBER	S Total: 1			
Property Type		Number	7	
Application Number:	1	4182223	-	
		4102223		
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ASSIGNMENT

WHEREAS, we, Yin L. Cheung, Michael J. Zeitlin and Mark Acosta are the joint inventors of "System and Method for Analyzing and Imaging Three-Dimensional Volume Data Sets Using A Three-Dimensional Sampling Probe" for which application papers were submitted on February 17, 2014 and assigned serial number 14/182,223; and

WHEREAS, Landmark Graphics Corporation ("Landmark"), a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said Landmark, its successors, assigns, and designees all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of Landmark or whomsoever that company may nominate, and to claim the priority of the PCT application under the International Convention of Paris of 1883.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to **Landmark**, its successors, assigns, designees or other legal representatives, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefore, to Landmark, its successors, assigns, designees, or other legal representatives and that if Landmark, its successors, assigns, designees or other legal representatives shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, designees or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to **Landmark**, its successors, assigns, designees or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, designee, its successors, or other legal representatives.

And we hereby agree that we will upon request execute any instrument which Landmark, or whomsoever that company may nominate, desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned patent applications or any foreign application on this invention.

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> PATENT REEL: 034970 FRAME: 0374

Male acesta Mark Acosta

12_1 129 Date

SUBSCRIBED AND SWORN TO BEFORE ME on this the 29th day of <u>December</u>, 2014, to certify which witness my hand and seal of office.



Notary Public in and for The State of 135845

033849/000813 136 - 1219900v1 IN TESTIMONY WHEREOF, we have executed this Assignment next to our names below, which shall be effective as of July 21, 1998.

Signature:

n 2. Chennon Yin L Cheung

2014 Date

ry Public in_and Nota The State of 0000000 MOHAMMAD A. NAGANI Notary Public STATE OF TEXAS My Comm, Exp. 09-02-18

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Michael J. Zeitlin/

DOCKET NO.: 33849-813 2003-IP-010049 US C2 22 IMWIM 2015 Date

 \mathcal{W} , 2014, to certify which SUBSCRIBED AND SWORN TO BEFORE ME on this the $\frac{M}{M}$ day of $\frac{1}{M}$ witness my hand and seal of office.

HALL u, U Notary Public in The State of _____



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RECORDED: 02/17/2015