504067566 10/26/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4114232

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY I	ΟΑΤΑ				
		Name		Execution Date	
ANDREY FILIPPOV				01/27/2014	
VITALY ANATOLIEVICH KHORIAKO		OV		01/27/2014	
RECEIVING PARTY D	ΑΤΑ				
Name:	LANDMA	LANDMARK GRAPHICS CORPORATION			
Street Address:	2107 CIT	2107 CITY WEST BLVD.			
Internal Address:	BLDG. 2	BLDG. 2			
City:	HOUSTO	HOUSTON			
State/Country:	TEXAS	TEXAS			
Postal Code:	77042	77042			
Application Number:	14	770450			
Property Type Application Number:		Number			
CORRESPONDENCE	DATA				
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ASSIGNMENT

WHEREAS, We, Andrey Filippov, having an address of 1715 Mossy Stone Dr., Houston, TX 77077 and Vitaly Anatolievich Khoriakov, having an address of 22 Royal Birch RI NW, Calgary Canada T3G 5K2, have invented certain new and useful improvements in a "**OPTIMIZED ACIDIZING OF PRODUCTION AND INJECTION WELLS**", shown and described in U.S. Provisional Application No. 61/931,248 filed January 24, 2014 (the "Application"); and,

WHEREAS, Landmark Graphics Corporation, a Delaware corporation, having a correspondence address at 2107 City West Boulevard, Building 2, Houston, TX 77042, U.S.A., ("Landmark"), is desirous of acquiring our entire right, title and interest in and to said inventions, Application and any patents which may issue thereon;

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we agree to assign and hereby assign to Landmark for the territory of the United States of America and the entire world our entire right, title and interest in and to said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be directed to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. We hereby transfer and convey to Landmark any right to recover for past and future infringement of the patents assigned herein.

We HEREBY covenant and agree that we will at any time, upon the request and at the expense of Landmark, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said inventions, applications and patents, and we authorize the Commissioner of Patents and Trademarks, or any other patent-issuing authority in the United States or any other country, to issue said patents to Landmark.

PATENT REEL: 040138 FRAME: 0427

ASSIGNMENT Docket No. 025320.0255PLUS 2014-IP-084998

IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

THE STATE OF: COUNTY OF:

Teras Harris ş ş

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 27 day of January 2014, 2014.

> Notary Public: State of: My commission expires:

eras

01-26-2016



PATENT **REEL: 040138 FRAME: 0428**

ASSIGNMENT Docket No. 025320.0255PLUS 2014-IP-084998

IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

Vitaly Anatolievich Khoriakov

DATE: 27 Jan 2014

Witness Signature: Name: Address:

400 Gro CUNAL AB

RECORDED: 10/26/2016

PATENT REEL: 040138 FRAME: 0429

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