PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3713223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ilana Haymov	03/09/2011
Nikolay Yaframenko	03/09/2011
Dov Zamir	03/08/2011
Arkady Garbar	12/05/2013
Dmitry Lekhtman	12/08/2013

RECEIVING PARTY DATA

Name:	CIMA NANOTECH ISRAEL LTD.
Street Address:	12 TARSHISH INDUSTRIAL PARK
City:	CAESAREA
State/Country:	ISRAEL
Postal Code:	38900

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14984330

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (612) 335-5070 **Email:** apsi@fr.com

Correspondent Name: DOROTHY P. WHELAN Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

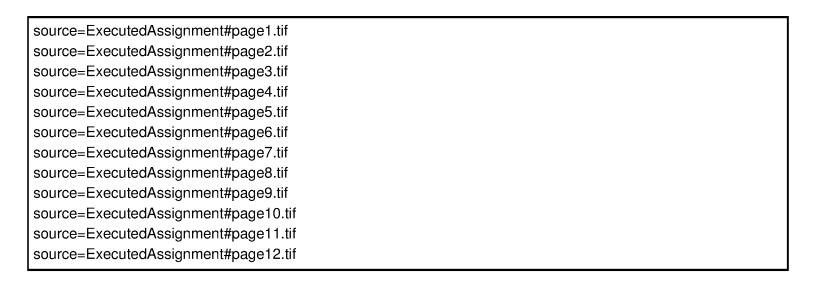
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	17706-0028002	
NAME OF SUBMITTER:	JUDITH A. WITZEL	
SIGNATURE:	/Judith A. Witzel/	
DATE SIGNED:	01/27/2016	

Total Attachments: 12

PATENT REEL: 037596 FRAME: 0874

503666589



PATENT REEL: 037596 FRAME: 0875

ASSIGNMENT

For valuable consideration, we, ILANA HAYMOV of Rehov Iyar 10/5, Netanya, Israel 42524, NIKOLAY YAFRAMENKO of Rehov Hakishon 18/7, Rishon Letzion, Israel, and DOV ZAMIR of Moshav Beerotaim, 42850 Israel, hereby assign to CIMA NANOTECH ISRAEL LTD, a corporation of Israel having a place of business at 12 Tarshish Industrial Park Caesarea 38900 Israel; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PROCESS OF FORMING TRANSPARENT CONDUCTIVE COATINGS WITH SINTERING ADDITIVES. filed March 9, 2010, and assigned U.S. Serial Number 61/311,992, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

> PATENT REEL: 037596 FRAME: 0876

Date: 93 W NIKOLAY YAFRAMENKO

Witnessed by:

Vame: Zech Frentiel Date: March 9, 2

Name: Racket policy Date: Narch 9, 2011

Date: 9/3/14

Ikma Haymov. ILANA HAYMOV

Witnessed by:

Name: Back Frenka

Date: Sigich 3, 2011

Name: Racko Delag

Date: 8.3.11

DOV ZAMÍR

Witnessed by:

Name: Pach Fluebal

Name: Rackel pelag

Date: Merch, 8 2011

Date: Norch & 2011

60692456.doc

ASSIGNMENT

For valuable consideration, we ARKADY GARBAR of 17255 Greentree Avenue, <u>Lakeville</u>, MN 55044, and <u>DMITRY LEKHTMAN</u> of Sapir 10/14, 18000 Afula, Israel., hereby assign to: Cima NanoTech Israel Ltd., a corporation of State of Israel having a place of business at: 12 Tarshish, Industrial Park Caesarea, 38900 Israel; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of patent applications listed on attached Schedule A; this assignment including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing dates of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 4

Date: Dec. 5, 2013	July 1
	ARKADY GARBAR
Witnessed by:	
Name: SAM KOERNER Sulla	Date: <u> 2/5/ 3</u>
Name: David L. Weudling 1 2 PM	l. 1. Date: 12-5-13

Date:	DMITRY LEKHTMAN	
	DWITKT LEATIMAN	
Witnessed by:		
Name:	Date:	
NT.	ъ.	
Name:	Date:	

Assignment Page 3 of 4

SCHEDULE A

Country	Patent Application No.	Official Filing Date	Title
China	201180023150.9	9-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
Japan	2012-556611	9-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
	-		CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
South Korea	10-2012-7025155	9-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
United States	61/311,992	9-Mar-2010	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
Taiwan	100107774	8-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
United States	13/583,563	22-Oct-2012	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
WIPO	PCT/IB2011/000765	9-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES

60890528.doc

Assignment Page 4 of 4

ASSIGNMENT

For valuable consideration, we ARKADY GARBAR of 17255 Greentree Avenue, Lakeville, MN 55044, and DMITRY LEKHTMAN of Sapir 10/14, 18000 Afula, Israel, hereby assign to: Cima NanoTech Israel Ltd., a corporation of State of Israel having a place of business at: 12 Tarshish, Industrial Park Caesarea, 38900 Israel; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of patent applications listed on attached Schedule A; this assignment including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing dates of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 4

Date:		
	ARKADY GARBAR	
Witnessed by:		
Name:	Date:	
Name:	Date:	

Assignment Page 2 of 4

	Attorney's Docket No.: 17706-0028US1
Date: 8. /2./3	Dry
	DMITRÝ LEKHTMAN /
Witnessed by:	
Name: Rech Frenkel	Date: Docember 12,13
Name: Galit Tyrgeman	Date: <u>Dec. 12, 3013</u>

Assignment Page 3 of 4

SCHEDULE A

Country	Patent Application No.	Official Filing Date	Title
China	201180023150.9	9-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
İ			CONDUCTIVE
		1	COATINGS WITH
			SINTERING ADDITIVES
Japan	2012-556611	9-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
		ļ	CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
South Korea	10-2012-7025155	9-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
United States	61/311,992	9-Mar-2010	PROCESS OF FORMING
			TRANSPARENT
	:	1	CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
Taiwan	100107774	8-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
United States	13/583,563	22-Oct-2012	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES
WIPO	PCT/IB2011/000765	9-Mar-2011	PROCESS OF FORMING
			TRANSPARENT
			CONDUCTIVE
			COATINGS WITH
			SINTERING ADDITIVES

60890528.doc

Assignment Page 4 of 4

PATENT REEL: 037596 FRAME: 0887

RECORDED: 01/27/2016