Substitute Form PTO-1595 Altorney Docket No.: 15626-004001

Client's Ref. No.: KON-019

RECORDATION FORM COVER SHEET **PATENTS ONLY**

Opening the Detector Discourse the Health district desired	attal or constitution)		
Commissioner for Patents: Please record the attached original docume	12. 12. 1		
Name of conveying party(ies): Puggell Courtiens, Rh.D. Alex Mentelle and	2. Name and address of receiving party(les):		
Russell Gaudiana, Ph.D., Alan Montello and Edmund Montello	Konarka Technologies, Inc. 100 Foot of John Street		
Additional name(s) attached? ☐ Yes ☒ No	Lowell, MA 01852		
3. Nature of conveyance:			
≅ Assignment			
☐ Merger			
☐ Security Agreement ☐ Change of Name			
□ Other:			
Execution Date: 04/15/05; 04/15/05; 05/02/05	Additional names/addresses attached? ☐ Yes ☑ No		
Application number(s) or patent number(s):			
If this document is being filed with a new application, the execution	date of the application is:		
A. Patent Application No(s).:	B: Patent No(s).:		
11/033,217			
Additional numbers at	ached? DYes El No		
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1		
SEAN P. DALEY	7. Total fee (37 CFR §3.41): \$40		
Fish & Richardson P.C.	☐ Enclosed		
Fish & Richardson P.C. 225 Frankilin St.	Authorized to charge Deposit Account.		
Boston, MA 02110	8. Deposit Account No.: 06-1050		
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.		
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Statement and Signature: To the best of my knowledge and any attached copy is a true copy of the original document			
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Sean P. Daley Reg. No. 40,978	T/9/15		
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indicated below.			\cap				

Date of Transmission

Signature

REEL: 016203 FRAME: 0823

<u>ASSIGNMENT</u>

For valuable consideration, we, Russell Gaudiana, Ph.D., of 2 Penrose Lane, Merrimack, NH 03054; Alan Montello, of 10 Albion Lane, West Newbury, MA 01985; Edmund Montello, of I Back Beach Way, Rockport, MA 01966; hereby assign to KONARKA TECHNOLOGIES. INC., a corporation of Delaware, having a place of business at 100 Foot of John Street, Lowell, MA 01852, 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 PHOTOVOLTAIC CELL WITH SPACERS, filed January 10, 2005, and assigned U.S. Serial Number 11/033,217, 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: 016203 FRAME: 0824

DATE: Upril 15, 2005

STATE OF Massachusetts

COUNTY OF Middle sex

On April 15, 2005, before me, the undersigned, a notary public for the State of MA personally appeared RUSSELL GAUDIANA, PH.D. personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he or she executed the same in his or her authorized capacity and that by his or her signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

REGINA A. PASSERI **Notary Public** Commonwealth of Massachusetts My Commission Expires August 20, 2010

DATE: 4/15/5/5

STATE OF Massachuse ++> COUNTY OF [hiddles ex

On April 15 2005, before me, the undersigned, a notary public for the State of MA personally appeared ALAN MONTELLO personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he or she executed the same in his or her authorized capacity and that by his or her signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

REGINA A. PASSERI Notary Public Commonwealth of Massachusetts My Commission Expires August 20, 2010

DATE: 5/2/2005

STATE OF MA

COUNTY OF ESSEX

of MAY 7, 2005, before me, the undersigned, a notary public for the State of may personally appeared EDMUND MONTELLO personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he or she executed the same in his or her authorized capacity and that by his or her signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Frederick C Frithson

MY COMMISSION EXPIRES MAY 08, 2009

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Attorney's Docket No.: 15626-004001 Client's Ref. No.: KON-019

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TO THE ATTENTION OF:

MAIL STOP ASSIGNMENT

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Number of pages including this page

Applicant: Russell Gaudiana et al. Art Unit : Serial No.: 11/033,217 Examiner:

Filed : January 10, 2005

FACSIMILE COMMUNICATION

Title : PHOTOVOLTAIC CELL WITH SPACERS

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is a Recordation Form Cover Sheet and Assignment, faxed this 9th day of May, 2005, to Mail Stop Assignment Recordation Services, U.S. Patent and Trademark Office.

Date: May 9, 2005

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