### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
Robert J. LeSuer	09/23/2009	
Kristy L. Mardis	09/24/2009	
Ali Manesh	09/25/2009	

#### **RECEIVING PARTY DATA**

Name:	Chicago State University		
Street Address:	9501 S. King Drive		
City:	Chicago		
State/Country:	ILLINOIS		
Postal Code:	60628		

Name:	American Science and Technology		
Street Address:	treet Address: 1367 West Chicago Avenue		
City:	Chicago		
State/Country:	ILLINOIS		
Postal Code:	60642		

#### PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	12567462		

#### **CORRESPONDENCE DATA**

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**PATENT** 

REEL: 023287 FRAME: 0221

OF \$40.00 1256/462

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ATTORNEY DOCKET NUMBER:	0323-0003	
NAME OF SUBMITTER:	John R Linzer	
Total Attachments: 2 source=Signed_Assignment_AST#page1.tif source=Signed_Assignment-CSU#page1.tif		

PATENT REEL: 023287 FRAME: 0222

# ASSIGNMENT

For valuable and sufficient consideration from AMERICAN SCIENCE AND TECHNOLOGY (hereinafter referred to as "Assignee"), a corporation having its principal place of business at 1367 West Chicago Avenue, Chicago, Illinois 60642, receipt of such consideration being hereby acknowledged, I/we,

1) Ali Manesh	:		2)		·	: !
3)			4)			
hereby sell, assign	and convey un	to Assignee, its suc	cessors and assign	ns, my/our enti	ire right, title a	nd interest:
have executed a F	CT Patent Appl	"COPPER COMPI ication and/or Unite 67,462, filed contains Application 1	ed States Patent A	pplication on	even date herev	with, and/or
the benefit of Uni	ted States Provi	sional Application I	No(s)	filed on		;
(2) in and to an in filed United State	vention entitled s Provisional Ap	"oplication No(s)		filed o	for which I/won	e previously ; and
Application(s) an countries foreign applications, and granted thereon o	d in and to all of to the United State legal equivalent r issued therefro	lication, United Sta her patent applicati ates (including divi- s thereof) based upo m, including reissu- ents may be granted	ons now or hereat sional, continuation on said invention, es or the like there	fter filed in the on, reexaminat and in and to	United States ion, and reissu- the patent or pa	and e atents
any applicable in	ternational treati	tions of any countri es and/or convention n priority to any ear	ns based upon sai	id invention(s)	shall be filed i	n the name
further considerat successors or assi Assignment, it be	tion to me/us, ex gns, to be neces ing understood t	e shall, upon deman ecute any and all pa sary, to be a comple hat any expense ind ns, and not by me/u	apers that may be ete fulfillment of t cident to the execu	necessary, or other intent and p	deemed by Assourposes of this	signee, its
	ate government	norize the Commiss officials for applica signee.				
1)	anh	9-25-09	_ <i>~/</i>			
Name: Ali Manes	h	Date	Name:		Da	ate
Name:		Date	4) Name:		Da	ate

PATENT

**REEL: 023287 FRAME: 0223** 

### ASSIGNMENT

For valuable and sufficient consideration from CHICAGO STATE UNIVERSITY (hereinafter referred to as "Assignee"), a university having its principal place of business at 9501 S. King Drive, Chicago, Illinois 60628, receipt of such consideration being hereby acknowledged, I/we,

1) Rot	pert J. LeSuer	2)	Kristy L. Mardis	
3)		4)		
hereby	sell, assign and convey unto	Assignee, its successor	s and assigns, my/our entire right, t	itle and interest:
have ex U.S. Par	ecuted a PCT Patent Application No. 12/567,4	tion and/or United States 162, filed on Se	by ESENSITIZED SOLAR CELL'tes Patent Application on even date ptember 25, 2009, and, if applicable filed on	herewith, and/or e, which claims
(2) in ar	nd to an invention entitled "		" for which	h I/we previously
filed Un	nited States Provisional Appli	ication No(s)	"for which	; and
granted terms for I/we aga any app	thereon or issued therefrom, or which said patent or patent ree that any patent application licable international treaties a	including reissues or the second seco	l invention, and in and to the patent he like thereof, if any, to the full en- sued. eign to the United States which may ed upon said invention(s) shall be full ed applications based upon said invention.	d of the term or  y be filed under iled in the name
further of successor Assignm	consideration to me/us, executors or assigns, to be necessary	ite any and all papers to y, to be a complete fulf t any expense incident	Assignee, its successors or assigns, a hat may be necessary, or deemed by fillment of the intent and purposes of the execution of such papers shall be a secution of such papers.	y Assignee, its of this
all other		icials for applicable co	of Patents and Trademarks of the U untries foreign to the United States	
1) 1	Jal LL	- <u>9/23/29</u> Date	2) Let	9/24/39
Name:	Robert J. LeSuer	Date	Name: Kristy L. Mardis	Date
3)			4)	_
Name:	•	Date	Name:	Date

RECORDED: 09/25/2009

PATENT REEL: 023287 FRAME: 0224