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02-11-1999



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100964371 U.S. PTO  
02/11/99

**PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID# \_\_\_\_\_

Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other \_\_\_\_\_

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1) YIALIZIS, Angelo Execution Date Month Day Year 02 01 1999

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) PIRZADA, Shahid A. Execution Date Month Day Year 02 01 1999

Name (line 2) \_\_\_\_\_

**Receiving Party**

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) Sigma Technologies International, Inc.

Name (line 2) an Arizona corporation

Address (line 1) 10960 N. Stallard Place

Address (line 2) \_\_\_\_\_

Address (line 3) Tucson AZ 85737  
City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

Address (line 4) \_\_\_\_\_

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
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**Correspondent Name and Address** Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09/241,882"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  PCT  PCT

only if a U.S. Application Number has not been assigned. PCT  PCT  PCT

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

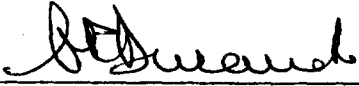
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Antonio R. Durando 

Name of Person Signing Signature Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

PTO  
JCS11 U.S.  
09/24/882

02/01/99

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) DECKER, Wolfgang

Execution Date  
Month Day Year  
02011999

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

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Name (line 2)

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Grid of 5 rows and 3 columns for Patent Application Number(s)

Grid of 5 rows and 3 columns for Patent Number(s)

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Angelo Yializis, Shahid A. Pirzada, and Wolfgang Decker, do hereby assign and transfer unto Sigma Technologies International, Inc., a corporation of the State of Arizona, having its principal offices at 10960 N. Stallard Place, Tucson, AZ 85737, United States of America, and unto its successors, assigns and legal representatives, the entire right, title and interest to a certain invention entitled "STEADY-STATE GLOW DISCHARGE PLASMA AT ATMOSPHERIC PRESSURE" described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on 02 / 11 / \_\_\_\_\_, 1999, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and in any division, extension, continuation or reissue thereof, said Sigma Technologies International, Inc., bearing all patent application expenses, including attorney fees.

We also hereby assign and transfer unto said Sigma Technologies International, Inc., the entire right, title and interest in and to said inventions and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said inventions and said applications for Letters Patent in foreign

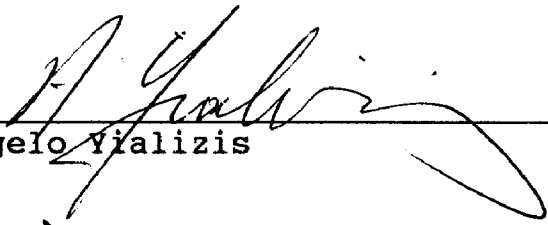
countries; we further authorize said Sigma Technologies International, Inc., to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to Sigma Technologies International, Inc., for the sole use and behoof of said Sigma Technologies International, Inc., its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to said Sigma Technologies International, Inc.

We agree that, when requested, we will, without charge to said Sigma Technologies International, Inc., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and/or maintaining patents for said invention in any and all countries and for vesting title thereto in said Sigma Technologies International, Inc., its successors, assigns and legal representatives or nominees.

We covenant with said Sigma Technologies International, Inc., its successors, assigns and legal representatives, that the

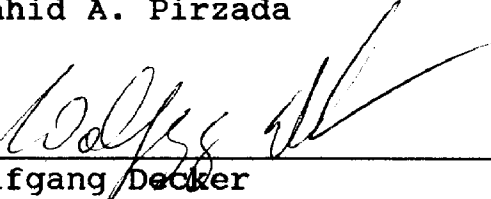
interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

  
\_\_\_\_\_  
Angelo Yializis

2/1/99  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Shahid A. Pirzada

2/1/99  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Wolfgang Decker

02/01/99  
\_\_\_\_\_  
Date

State of Arizona            )  
                                  )ss.  
County of Pima            )

I, JOLIS DZIOMBA, a Notary Public in and for the County and State aforesaid, do hereby certify that ANGELO YIALIZIS, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged under oath that he signed, sealed and delivered the instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 1st day of February, 1999.

  
\_\_\_\_\_  
NOTARY

My Commission Expires June 28, 1999  
\_\_\_\_\_  
My Commission Expires

State of Arizona )  
 )ss.  
County of Pima )

I, DORIS DEZOMBIA, a Notary Public in and for the County and State aforesaid, do hereby certify that SHAHID A. PIRZADA, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged under oath that he signed, sealed and delivered the instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16th day of February, 1999.

Doris Dezombia  
NOTARY

My Commission Expires June 29, 1999  
My Commission Expires

State of Arizona )  
 )ss.  
County of Pima )

I, DORIS DEZOMBIA, a Notary Public in and for the County and State aforesaid, do hereby certify that WOLFGANG DECKER, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged under oath that he signed, sealed and delivered the instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 1st day of February, 1999.

Doris Dezombia  
NOTARY

My Commission Expires June 29, 1999  
My Commission Expires