

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nasser N Peyghambarian</td> <td>07/30/2008</td> </tr> <tr> <td>Robert A Norwood</td> <td>07/30/2008</td> </tr> <tr> <td>Pierre-Alexandre Jean Blanche</td> <td>07/30/2008</td> </tr> <tr> <td>Savas Tay</td> <td>07/29/2008</td> </tr> </tbody> </table>		Name	Execution Date	Nasser N Peyghambarian	07/30/2008	Robert A Norwood	07/30/2008	Pierre-Alexandre Jean Blanche	07/30/2008	Savas Tay	07/29/2008
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Pierre-Alexandre Jean Blanche	07/30/2008										
Savas Tay	07/29/2008										
RECEIVING PARTY DATA											
Name:	The Arizona Board of Regents on behalf of The University of Arizona										
Street Address:	888 N. Euclid Ave., Rm. 204										
City:	Tucson										
State/Country:	ARIZONA										
Postal Code:	85721										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12185087</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12185087						
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CORRESPONDENCE DATA											
Fax Number:	(520)844-8644										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	520-760-1754										
Email:	eric.gifford@cox.net										
Correspondent Name:	ERIC A. GIFFORD										
Address Line 1:	11770 E. CALLE DEL VALLE										
Address Line 4:	TUCSON, ARIZONA 85749										
ATTORNEY DOCKET NUMBER:	550-01-1-001										
NAME OF SUBMITTER:	Eric A. Gifford										
<p>Total Attachments: 4 source=Assignment#page1.tif</p>											

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ASSIGNMENT

Attorney Docket Reference: 550-01-1-001

Client Reference: UA07-116

WHEREAS, each undersigned inventor (hereinafter "ASSIGNOR") of the address indicated *vide infra* is an original and first inventor of "SYSTEM AND METHOD USING A VOLTAGE KICK-OFF TO RECORD A HOLOGRAM ON A PHOTOREFRACTIVE POLYMER FOR 3D HOLOGRAPHIC DISPLAY AND OTHER APPLICATIONS", for which an application for Letters Patent of the United States will be filed;

AND WHEREAS, THE ARIZONA BOARD OF REGENTS on behalf of THE UNIVERSITY OF ARIZONA (hereinafter "ASSIGNEE"), an entity having its principal place of business and mailing address at 888 N. Euclid Ave., Rm. 204 Tucson, Arizona, USA, 85721 is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms ASSIGNEE owns the invention as described in the aforesaid application. Nevertheless, to comport with Patent and Trademark Office procedures, ASSIGNOR memorializes that transfer in the form of this Assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR's full and exclusive right and title to the invention as described in the aforesaid application, in the United States and all foreign countries, together with any related applications or rights, including any Provisional, Non-provisional, Continuation, Divisional, Reissue, Reexamination, foreign, PCT, or other patent application or like document or right, as well as any right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letters Patent issuing from or claiming priority to said application to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and continuing applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

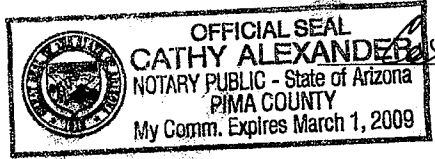
EXECUTED as of the date indicated *vide infra* by ASSIGNOR:

Inventor: Nasser N. Peyghambarian

Signature: [Signature] Date: 07-30-09
Residence address: 5507 N. Paseo Ventoso, Tucson Arizona 85750

STATE OF Arizona)
) ss.
COUNTY OF Pima)

On this 30th day of July, 2008, before me, a notary public in and for said county, appeared Nasser N. Peyghambarian, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)  [Signature]
Notary Public

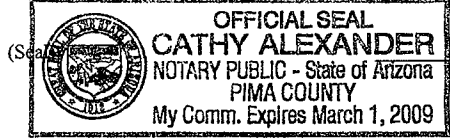
Inventor: Robert A. Norwood

Signature: [Signature] Date: 07-30-08

Residence address: 7623 E. Camino Del Brioso, Tucson, Arizona 85750

STATE OF Arizona)
) ss.
COUNTY OF Pima)

On this 30th day of July, 2008, before me, a notary public in and for said county, appeared Robert A. Norwood, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.



[Signature]
Notary Public

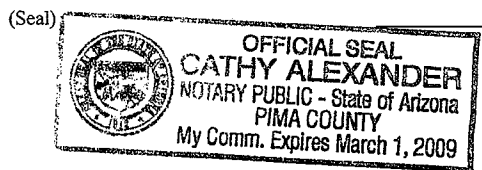
Inventor: Pierre-Alexandre Jean Blanche

Signature: [Signature] Date: 07-30-08

Residence address: 4515 East Grant Road, Apt B146, Tucson, Arizona 85712

STATE OF Arizona)
) ss.
COUNTY OF Pima)

On this 30th day of July, 2008 before me, a notary public in and for said county, appeared Pierre-Alexandre Jean Blanch, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.



[Signature]
Notary Public

Inventor: Savas Tay

Signature: [Handwritten Signature] Date: 7/29/08

Residence address: Clark Center, E300, 318 Campus Drive, Stanford, CA 94305

STATE OF California)

) ss.

COUNTY OF Santa Clara)

On this 29th day of July, 2008 before me, a notary public in and for said county, appeared Savas Tay, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal) _____
[Handwritten Signature]
Notary Public



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
County of Santa Clara } ss.

On July 31, 2008 before me, Anca Rubler, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Saras Tay
Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.
Anca Rubler
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here