FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

MLD 5-18-01



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Name (line 1) Pixonics. LLC	If document to be recorded is an assignment and the			
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Name Bernard Berman, Reg. # 37,27	79			
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Correspond	ent Name and Address	Area Code and Telephone Num	be r (509) 624-4276
Name	Bernard Berman, Reg. #37,279		
Address(line 1)	Wells, St. John et al.		
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09/294,259	ent Application Number(s)		Patent Number(s)
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Name	of Person Signing	Signature	Date /

PATENT REEL: 011817 FRAME: 0080

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

Inventor:

Neal Margulis 660 Manzanita Way Woodside CA 94062

Assignee:

Pixonics, LLC, a California limited liability company 660 Manzanita Way Woodside CA 94062

BACKGROUND OF THIS ASSIGNMENT:

INVENTOR has conceived certain new and useful inventions disclosed in United States Patent Application Serial No. 09/294,259, filed April 19, 1999, titled Apparatus and Method for Performing Image Transforms in a Digital Display System.

PIXONICS, LLC (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the invention in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of the sum of \$1.00 and other good and valuable consideration, the receipt of which is hereby acknowledged, INVENTOR has sold, assigned and transferred to ASSIGNEE the full and exclusive right to said invention in the United States and in all foreign countries.

> PATENT REEL: 011817 FRAME: 0081

INVENTOR does hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified application and to any reissues, divisions or continuations thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTOR further agrees to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any applications papers required for the filing of any division, continuation or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the invention assigned hereby.

INVENTOR further assigns to ASSIGNEE the whole right, title and interest in the invention disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTOR agrees to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE

as well as all other necessary papers in rela	tion to such applications and Letters
Signed at 3045 Park Blue	
State of County of On personally appeared NEAL MARGULIS who described in the foregoing assignment, who execution to be voluntary and for the purpos	executed it and acknowledged such
seal Sel. Ottached	Notary Public for the State of residing at

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CALIFORNIA ALL-PURPOSE ACKNOWL State of California County of Santa Clara on May 10, 2001, before me, Tom Broken Many Public Name and Title of Officer (e.g., "Jane Doe, Notary Public") personally appeared New Yaran Signer(s) Name(s) of Signer(s) Spersonally 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 TAMI BRICKMAN Commission #1289573 acknowledged to me that he/she/they executed Notary Public - California 🕏 same in his/her/their authorized Santa Clara County capacity(ies), and that by his/her/their My Comm. Expires Jan 6, 2005 signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. my han**d l**and official seal. Place Notary Seal Above 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: Patent Assignment (#09) Document Date: Signed May 10, 2001 filed 4/19/19 Number of Pages Number of Pages: Signer(s) Other Than Named Above: _

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