

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SONIC SOLUTIONS	04/21/2005
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<b>Property Type</b>	<b>Number</b>
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<b>DATE SIGNED:</b>	10/30/2018
<b>Total Attachments: 4</b>	
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## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Sonic Solutions, a California corporation with an office at 101 Rowland Way, Novato, CA 94945, ("*Assignor*"), does hereby sell, assign, transfer and convey unto Kwok, Chu & Shindler LLC, a Nevada limited liability company, having an office at 2215-B Renaissance Drive, Suite 5, Las Vegas, NV 89119 ("*Assignee*") or its designees, all of Assignor's right, title and interest in and to the patent applications and patents listed below, any patents, registrations, or certificates of invention issuing on any patent applications listed below, the inventions disclosed in any of the foregoing, any and all counterpart United States patents, applications and certificates of invention based upon or covering any portion of the foregoing, and all reissues, re-examinations, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part of any of the foregoing (collectively "*Patent Rights*"):

### US Patents: Issued & Pending

Sonic Case No.	Patent No.	Application Serial No.	Filing Date	Status	Title
ROXIP226	5,748,194	08/647,018	5/8/1996	Issued	RENDERING PERSPECTIVE VIEWS OF A SCENE USING A SCANLINE-COHERENT LOOK-UP TABLE
ROXIP226C	6,232,977	09/009,652	1/20/1998	Issued	RENDERING PERSPECTIVE VIEWS OF A SCENE USING A SCANLINE-COHERENT LOOK-UP TABLE
ROXIP227	6,239,807	09/039,059	3/13/1998	Issued	METHOD AND SYSTEM FOR MULTI-RESOLUTION TEXTURE MAPPING
ROXIP228	6,195,101	09/056,577	4/6/1998	Issued	METHOD AND SYSTEM FOR IMAGE TEMPLATES
ROXIP228C		09/764,029	1/16/2001	Allowed	METHOD AND SYSTEM FOR IMAGE TEMPLATES
ROXIP229	6,064,399	09/055,038	4/3/1998	Issued	METHOD AND SYSTEM FOR PANEL ALIGNMENT IN PANORAMAS
ROXIP230	6,192,399	09/057,013	4/7/1998	Issued	METHOD AND SYSTEM FOR PANORAMA VIEWING
ROXIP231	6,148,983	09/078,441	5/13/1998	Issued	METHOD AND SYSTEM FOR SERVER ACCESS CONTROL AND TRACKING
ROXIP232	6,356,283	09/095,459	6/10/1998	Issued	METHOD AND SYSTEM FOR HTML-DRIVEN INTERACTIVE IMAGE CLIENT
ROXIP233	6,750,988	09/151,437	9/11/1998	Issued	METHOD AND SYSTEM FOR SCANNING IMAGES IN A PHOTO KIOSK
ROXIP233.CIP	6,791,723	09/271,030	3/17/1999	Issued	METHOD AND APPARATUS FOR SCANNING IMAGES IN A PHOTO KIOSK
ROXIP234	6,301,025	08/267,140	6/24/1994	Issued	METHOD FOR PERFORMING A COLOR SPACE TRANSFORMATION

Sonic Case No.	Patent No.	Application Serial No.	Filing Date	Status	Title
ROXIP234C	6,621,604	09/860,151	5/16/2001	Issued	METHOD FOR PERFORMING A COLOR SPACE TRANSFORMATION
ROXIP236		09/767,331	1/22/2001	Pending	METHOD AND SYSTEM FOR REMOVAL OF RED EYE EFFECTS
ROXIP239	5,968,120	08/850,690	5/2/1997	Issued	METHOD AND SYSTEM FOR PROVIDING ON-LINE INTERACTIVITY OVER A SERVER-CLIENT NETWORK
ROXIP241	6,215,494	08/992,994	12/18/1997	Issued	METHOD AND SYSTEM FOR CENTERING IMAGE OBJECTS
ROXIP242	5,963,213	08/852,496	5/7/1997	Issued	METHOD AND SYSTEM FOR ACCELERATING WARPING
ROXIP243	6,121,970	08/979,220	11/26/1997	Issued	METHOD AND SYSTEM FOR HTML-DRIVEN INTERACTIVE IMAGE CLIENT
ROXIP244	6,300,955	08/922,578	9/3/1997	Issued	METHOD AND SYSTEM FOR MASK GENERATION
ROXIP245	6,128,108	08/922,732	9/3/1997	Issued	METHOD AND SYSTEM FOR COMPOSITING IMAGES
ROXIP245D	6,385,349	09/542,495	4/3/2000	Issued	METHOD AND SYSTEM FOR COMPOSITING IMAGES
ROXIP245D2	6,349,153	09/542,149	4/4/2000	Issued	METHOD AND SYSTEM FOR COMPOSITION IMAGES
ROXIP246	6,285,410	09/151,793	9/11/1998	Issued	METHOD AND SYSTEM FOR REMOVAL OF FLASH ARTIFACTS FROM DIGITAL IMAGES
ROXIP247	5,790,708	08/327,421	10/21/1994	Issued	PROCEDURE FOR IMAGE PROCESSING IN A COMPUTERIZED SYSTEM
ROXIP247C	6,181,836	08/933,798	9/19/1997	Issued	METHOD AND SYSTEM FOR NON-DESTRUCTIVE IMAGE EDITING
ROXIP247D	6,512,855	09/712,019	11/13/2000	Issued	METHOD AND SYSTEM FOR IMAGE PROCESSING
ROXIP247D2	6,763,146	10/104,936	3/21/2002	Issued	METHOD AND SYSTEM FOR IMAGE PROCESSING
ROXIP248	5,907,640	08/525,715	11/13/1995	Issued	FUNCTIONAL INTERPOLATING TRANSFORMATION SYSTEM FOR IMAGE PROCESSING
ROXIP249	6,246,413	09/136,108	8/17/1998	Issued	METHOD AND SYSTEM FOR CREATING PANORAMAS
ROXIP257	6,535,878	09/045,068	3/19/1998	Issued	METHOD AND SYSTEM FOR PROVIDING ON-LINE INTERACTIVITY OVER A SERVER-CLIENT NETWORK
ROXIP257C		10/209,550	7/30/2002	Pending	A METHOD AND SYSTEM FOR PROVIDING ON-LINE INTERACTIVITY OVER A SERVER-CLIENT NETWORK

Sonic Case No.	Patent No.	Application Serial No.	Filing Date	Status	Title
ROXIP260	6,552,744	08/938,366	9/26/1997	Issued	VIRTUAL REALITY CAMERA
ROXIP261	6,721,952	08/813,181	5/7/1997	Issued	METHOD AND SYSTEM FOR ENCODING MOVIES, PANORAMAS AND LARGE IMAGES FOR ON-LINE INTERACTIVITY VIEWING AND GAZING
ROXIP262		09/378,398	8/20/1999	Pending	VIRTUAL REALITY CAMERA
ROXIP265	6,536,043	08/778,830	1/6/1997	Issued	METHOD AND SYSTEMS FOR SCALABLE REPRESENTATION OF MULTIMEDIA DATA FOR PROGRESSIVE ASYNCHRONOUS TRANSMISSION
ROXIP265A		10/330,581	12/24/2002	Pending	SYSTEM FOR TRANSMITTING DIGITAL DATA OVER A LIMITED BANDWIDTH LINK IN PLURAL BLOCKS
ROXIP265B		10/330,466	12/24/2002	Pending	SYSTEM FOR PROVIDING ON-LINE VIRTUAL REALITY MOVIES BY TRANSMITTING PARTIAL RESOLUTION FRAMES THROUGH A SUBTRACTION PROCESS
ROXIP289	5,497,435	08/021,084	2/23/1993	Issued	APPARATUS AND METHOD FOR ENCODING AND DECODING DIGITAL SIGNALS

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Novato, CA  
on 21 April 2005.

ASSIGNOR

By: Robert J. Dotti  
Name: ROBERT J. DOTTI  
Title: PRESIDENT

(Signature MUST be notarized)

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Marin } ss.

On April 21, 2006,  
Date

before me,

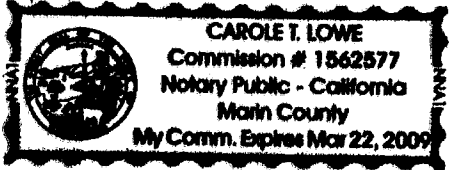
Carole T. Lowe, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Robert J. Doris  
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.

Carole T. Lowe  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

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- Individual
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- Partner —  Limited  General
- Attorney in Fact
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**RIGHT THUMBPRINT OF SIGNER**

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