

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3456859

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARK R. RANDEL	06/12/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TERMINAL REALITY, INC.
<b>Street Address:</b>	P.O. BOX 271721
<b>City:</b>	FLOWER MOUND
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75027-1721
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6362822
Patent Number:	6549203
Patent Number:	7061488
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>NAME OF SUBMITTER:</b>	J. PAT HEPTIG
<b>SIGNATURE:</b>	/J. Pat Heptig/
<b>DATE SIGNED:</b>	07/27/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
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## ASSIGNMENT OF PATENT RIGHTS

WHEREAS Mark R. Randel, an individual residing at 2305 Bella Lago Drive, Flower Mound, Texas, 75022 ("Randel or Assignor") has invented certain new and useful improvements entitled Improved Lighting and Shadowing Methods and Arrangements for Use in Computer Graphic Simulations (the "Invention"), reflected in United States Patent Nos. 6,362,822 B1, 6,549,203 B2, and 7,061,448 B2 (the "Patents");

WHEREAS on March 8, 1999 and April 2, 2002, Randel executed assignments (the "Application Assignments") to Terminal Reality, Inc. ("TRI" or Assignee") of his entire right, title and interest in and to the Invention, together with all claims, demands, or causes of action that Randel had or might have by reason of any infringement of the Patents prior to the execution of the Application Assignments, including the right to sue and collect damages for all past, present, and future infringement of the Patents, and all lost profits resulting therefrom, and also including all patent applications relating to the Invention, all patents which may be granted with respect to the Invention, and all divisions, reissues, substitutions, continuations, continuations-in-part, continued prosecution applications and extensions thereof (the "Patent Rights");

WHEREAS TRI is listed on the Patents issued by the United States Patent Office as the assignee of the Patents;

WHEREAS, on December 31, 2013, TRI and Randel entered into a Patent Assignment Agreement under which TRI assigned the Patents and all the Patent Rights back to Mark Randel;

WHEREAS, both TRI and Randel now desire to transfer all rights in and to the Patents and all the Patent Rights, including the right to recover all past, present and future damages, back to TRI so that it may pursue enforcement efforts relating to the Patents and all the Patent Rights;

WHEREAS Assignor desires to assign and transfer to Assignee his entire right, title and interest to the Patents and all the Patent Rights to the extent Assignee does not currently own such Patent Rights, and Assignee desires to ensure that it owns all such Patent Rights;

Therefore, for valuable consideration, the receipt of which is hereby acknowledged by Assignor, Assignor assigns to Assignee his entire right, title and interest in and to the Patents, including all Patent Rights. This assignment is for the entire term of the Patents, and extends to any reissues, reexamination certificates, or other patent rights claiming the benefit of the Patents. The right, title and interest conveyed in this Assignment is to be held and enjoyed by Assignee and Assignee's successors as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment or the Application Assignment not been made. Assignor's assignment to Assignee of any of his rights to the Patents includes the Assignor's right in and to all royalties, damages or other compensation relating to any past, present or future infringement of the Patents.

Date: 6/12/15

  
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Assignor

STATE OF TEXAS §

COUNTY OF DALLAS §

Before me, Michael S. Trantham, Notary Public, State of Texas, on this day personally appeared Mark Randel, known to me to be the person whose name is subscribed to the foregoing instrument and who acknowledged to me that he executed the same for the purposes and consideration expressed herein.

Given under my hand and seal of office this day of June 12, 2015.

*Michael S. Trantham*

Notary Public, State of Texas

My commission expires:

February 5, 2019

