

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7212550

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DHARMENDRA ETWARU	02/22/2022
DAVID CASPER	02/24/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BEAM, INC.
<b>Street Address:</b>	22 CROWN VIEW COURT
<b>City:</b>	SPARTA
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07871
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17675924
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)413-2220
<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>	
<b>Phone:</b>	(703) 413-3000
<b>Email:</b>	mwaller@oblon.com
<b>Correspondent Name:</b>	OBLON, ET AL.
<b>Address Line 1:</b>	1940 DUKE STREET
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	541353US
<b>NAME OF SUBMITTER:</b>	MELISSA WALLER
<b>SIGNATURE:</b>	/M. Waller/
<b>DATE SIGNED:</b>	03/08/2022
<b>Total Attachments: 2</b>	
source=541353US_DecAssn#page1.tif	
source=541353US_DecAssn#page2.tif	

Attorney Docket Number: 541353US

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

<b>Title of Invention</b>	GENERATING A SECURE RANDOM NUMBER BY DETERMINING A CHANGE IN PARAMETERS OF DIGITAL CONTENT IN SUBSEQUENT FRAMES VIA GRAPHICS PROCESSING CIRCUITRY
-------------------------------	---

As the below named inventor, I hereby declare that:

This declaration ☐ The attached application, or  
is directed to: ☒ United States application or PCT international application number 17/675,924  
filed on February 18, 2022.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

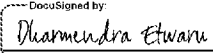
WHEREAS, BEAM, INC.  
(hereinafter referred to as "ASSIGNEE") having places of business at: 22 Crown View Court, Sparta, NJ 07871, is  
desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that  
may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby  
acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto  
said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions  
and in all foreign countries (including the right to claim priority under the terms of the International Convention and  
other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and  
interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial  
possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations,  
substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and  
any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the  
assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its  
(his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and  
entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me  
respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,  
continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and  
all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything  
possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said  
invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001  
by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR	
Inventor: <u>Dharmendra ETWARU</u>	Date: <u>2/22/2022</u>
Signature: <u></u> <small>DocuSigned by: 580DA43FF85145C</small>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

**PATENT**  
**REEL: 059196 FRAME: 0266**

Attorney Docket Number: 541353US

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

<b>Title of Invention</b>	GENERATING A SECURE RANDOM NUMBER BY DETERMINING A CHANGE IN PARAMETERS OF DIGITAL CONTENT IN SUBSEQUENT FRAMES VIA GRAPHICS PROCESSING CIRCUITRY
-------------------------------	---

As the below named inventor, I hereby declare that:

This declaration ☐ The attached application, or  
is directed to: ☒ United States application or PCT international application number 17/675,924  
filed on February 18, 2022.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, BEAM, INC.  
(hereinafter referred to as "ASSIGNEE") having places of business at: 22 Crown View Court, Sparta, NJ 07871, is  
desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that  
may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby  
acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto  
said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions  
and in all foreign countries (including the right to claim priority under the terms of the International Convention and  
other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and  
interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial  
possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations,  
substitutions and renewals thereof.

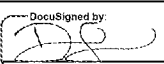
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and  
any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the  
assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its  
(his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and  
entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me  
respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,  
continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and  
all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything  
possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said  
invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001  
by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor: David CASPER Date: 2/24/2022

Signature:   
DocuSigned by:  
B4B8C4020D5F240C

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

PATENT

RECORDED: 03/08/2022

REEL: 059196 FRAME: 0267