

**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3249247

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TEMEKU TECHNOLOGIES, INC.	02/26/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE PATTON FAMILY TRUST
<b>Street Address:</b>	17842 MITCHELL NORTH
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	IRVINE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92614
<b>Name:</b>	PATTON FAMILY L.P.
<b>Street Address:</b>	17842 MITCHELL NORTH
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	IRVINE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92614
<b>PROPERTY NUMBERS Total: 17</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7123411
Patent Number:	7268950
Patent Number:	7284873
Patent Number:	7542205
Patent Number:	7548369
Patent Number:	7648366
Patent Number:	7948678
Patent Number:	8122656
Patent Number:	8221127
Patent Number:	8294992
Application Number:	61652055
Application Number:	61652068
Application Number:	61769699

Property Type	Number
Application Number:	13235350
Application Number:	13653532
Application Number:	13842991
Patent Number:	7619824

#### CORRESPONDENCE DATA

**Fax Number:** (202)293-7860

*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.*

**Phone:** 2022937060

**Email:** ihwang@SUGHRUE.COM, sughrue@sughrue.com

**Correspondent Name:** SUGHRUE MION, PLLC

**Address Line 1:** 2100 PENNSYLVANIA AVENUE NW, SUITE 800

**Address Line 4:** WASHINGTON, D.C. 20037

<b>ATTORNEY DOCKET NUMBER:</b>	99991417
<b>NAME OF SUBMITTER:</b>	MICHAEL G. RAUCCI
<b>SIGNATURE:</b>	/Michael Raucci/
<b>DATE SIGNED:</b>	03/03/2015

#### Total Attachments: 18

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## PLEDGE AND SECURITY AGREEMENT

THIS PLEDGE AND SECURITY AGREEMENT (this "Agreement") is made and entered into as of February 26, 2015, by and among **TEMEKU TECHNOLOGIES, INC.**, a Nevada corporation (the "Pledgor") and William Richard Patton and Melinda DeBerard Patton, Co-Trustees of the Patton Family Trust dated August 7, 1980 and PATTON FAMILY L.P., a California limited partnership (collectively "Lender").

### RECITALS

B. As additional security for the Obligations, Pledgor intend to assign to Lender all of Pledgor's right, title and interest in and to all Patents, Patents pending and Intellectual Property (collectively the "Collateral") held by Pledgor and listed on Exhibit "A" attached hereto, upon the terms and conditions set forth herein.



























(Signature Page of Pledge and Security Agreement)

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed  
as of the day and year first above written.

PLEDGOR:

TEMEKU TECHNOLOGIES, INC.,

a Nevada corporation

By: 

Name: DENNIS I. HAYDEN

Its: PRESIDENT & CEO

LENDER:



William Richard Patton, Co-Trustees of  
The Patton Family Trust  
dated August 7, 1980

PATTON FAMILY L.P.,

a California limited partnership

By: Pacific Newport Properties, Inc.,  
a California corporation,  
its general partner

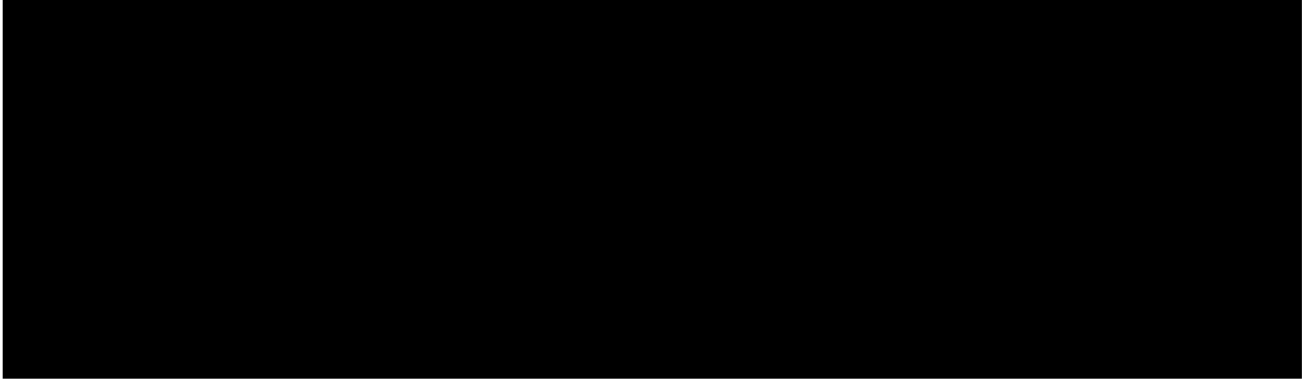
By: 

William R. Patton, President



## **Exhibit A to Pledge and Security Agreement**

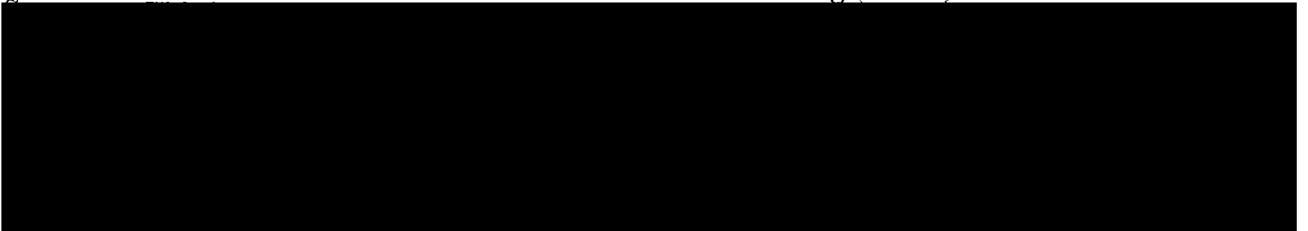
**Patent 7,648,366 Subliminal or Near-Subliminal Conditioning Using Diffuse Visual Stimuli.**



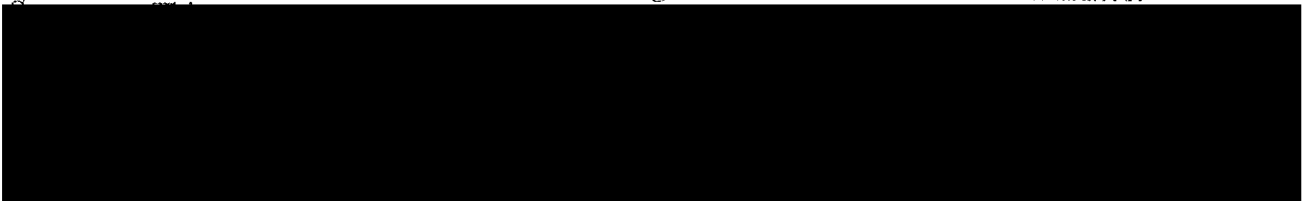
**Patent 8,122,656 Fire Suppression Surface System.**



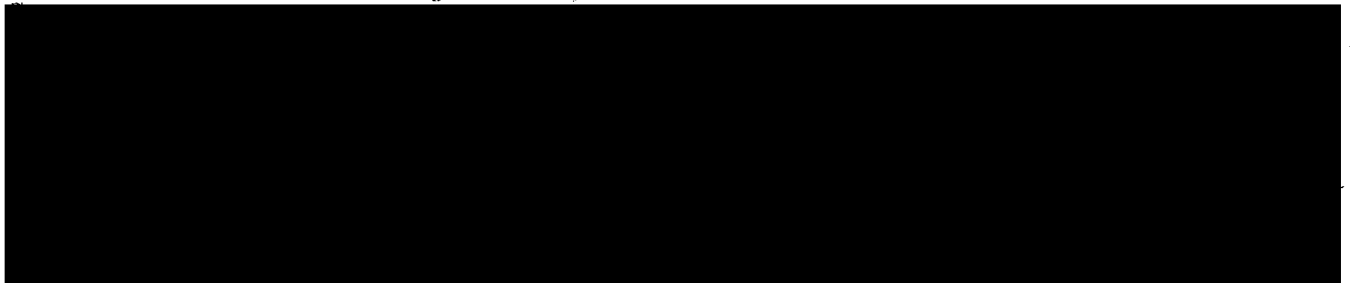
**Patent 8,221,127 Subliminal or Near-Subliminal Conditioning (DISH)**



**Patent 8713870 Thermal Management for a Flight Deck or Other Aviation Surface.**



**7,123,411 Reflective Multi-Image Surface;**



[REDACTED]

**7,268,950 Variable Optical Arrays and Variable Manufacturing Methods;**

[REDACTED]

**7,284,873 Fluid Column Projection Apparatus and Method;**

[REDACTED]

**7,542,205 Multi-Object Controlled-Depth Matrix Layer Structure and Manufacturing Process;**

[REDACTED]

**7,548,369 Projection Receiving Surface Comprising a Single Sheet Formed into a Plurality of Catenoid-Like Mirrorlettes;**

[REDACTED]

**7,619,824B2 New Variable Optical Arrays and Variable Manufacturing Methods;**

[REDACTED]

**7,948,678 Four-Region Catadioptric Tile;**

[REDACTED]

**8294992 B2 Projection Receiving Surface; Cross-Undulated**

[REDACTED]

[REDACTED]

Patents Pending

**Apparatus and Methods for Upshifting the Frequency of Acoustic Energy:** [REDACTED]  
[REDACTED]

Status: Filed in 2011. [REDACTED]

**Non-discernible Modulation of a Light Source Used for Illumination or Other Discernible Purpose** [REDACTED]  
[REDACTED]

[REDACTED] Based on U.S. provisional Application  
numbers 61/652,055 and 61//652,068, each filed on 05/25/2012.

**Article for Dispersing Energy of a Blast or Impact,** [REDACTED]  
[REDACTED]

Status: Filed March 2013

**Multifunction Aerodynamic Housing for Ballistic Launch of a Payload.** [REDACTED]  
[REDACTED]

Status: Filed Feb 2013. [REDACTED]  
[REDACTED]

