

A24-_____
STATE OF MINNESOTA
IN COURT OF APPEALS

Matthew David Guertin,

District Court Case: 27-CR-23-1886

Petitioner,

Court Order Date: April 12, 2024

vs.

PETITIONER’S ADDENDUM - 9

State of Minnesota,

Respondent.

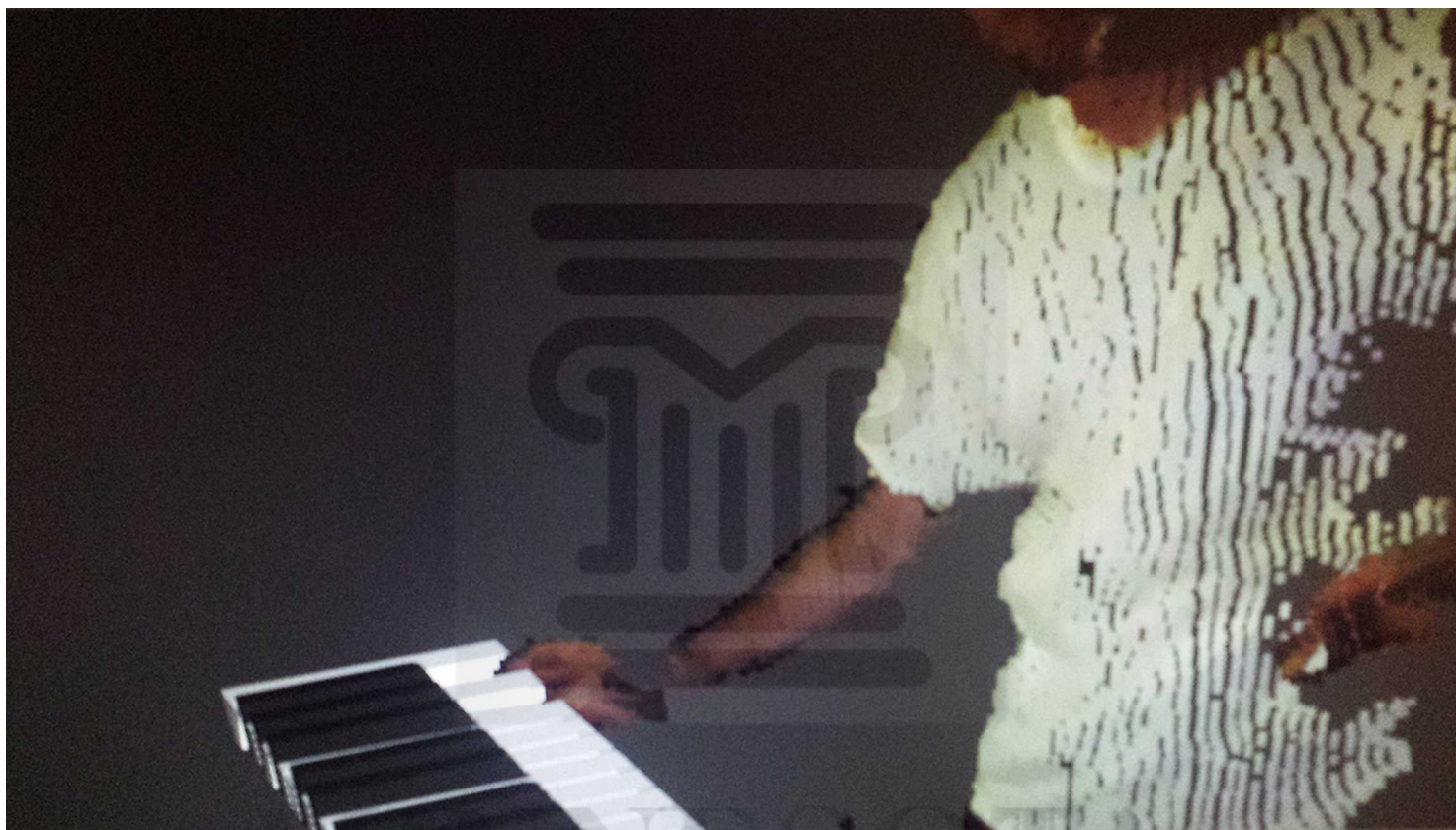
PETITIONERS ADDENDUM - 9

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Matt Guertin's Epic, Never Ending, Oculus Rift, Kinect, TouchDesigner 3D Project | Derivative



(https://derivative.ca/sites/default/files/field/body-images/mattg_1200_09.jpg)

Generated In Real Time By The Kinect.



FINGER TRACKING AND DRAWING

The finger tracking is achieved by determining where the center of the hand is and then centering a 3D sphere on that point. Instead of using the Kinect's skeletal hand output which is intermittent I use the wrist points. I then figure out the hands center point by getting the averages for all of the RGB pixel values which make up the hand (RGB = XYZ).

The 3D sphere that I center on that point - and I guess the technique overall could best be described as a basketball, with your hand perfectly in the center. I am searching in the front hemisphere for the five points closest to the inside edge of the ball. I do this by running my hand and the ball into a GLSL shader I wrote which compares the two against each other using the GLSL distance function.

LA Phil 100th Anniversary Concert at the Hollywood Bowl - XiteLabs

[Portfolio](#)[Services](#)[Virtual](#)[Production](#)[Team](#)[Press](#)[Clients](#)[Contact](#)

An overview of some of the work involved in creating this show at XiteLabs

As part of our discovery process, the XiteLabs team explored the relationship between color and sound. It drew on previous studies conducted around synesthesia, “the production of a sense impression relating to one sense or part of the body by stimulation of another sense or part of the body.”

Using the scheduled music programming as a base, the XiteLabs team began assigning color palettes and visual storytelling that would perfectly match the orchestra’s musical selections for that evening. The planned music selections ranged from popular, well-known pieces such as [Stravinsky’s ‘Firebird Suite’](#) to the debut performance of a 12-minute atonal modern work ‘*Guasamacabra*’ by Venezuelan composer [Paul Desenne](#) under the direction of the LA Philharmonic’s famed conductor and music director [Gustavo Dudamel](#). The [Youth Orchestra of Los Angeles \(YOLA\)](#) also made an appearance on [Arturo Marquez’s](#) modern classic “Conga Del Fuego Nuevo.”

To encourage attendance from a wider demographic, the LA Phil invited guest pop star [Katy Perry](#), [Herbie Hancock](#) (the LA Phil Creative Chair for Jazz), and [Kali Uchis](#) to join in and perform some of their popular hits. These performances highlighted the magic of the LA Phil—and with wonderful orchestral arrangements by [David Campbell](#) (*Joy, Brokeback Mountain, Spider Man, and Bob Dylan, The Rolling Stones, Paul McCartney*) brought well known pieces such as Katy Perry’s ‘*Firework*’ to new life in front of the full-capacity audience of 17,500 in attendance. The encore and finale to the evening was the emotional and iconic [Main Theme from ‘Star Wars’](#), with guest conductor and original composer [John Williams](#) wielding his (light saber!) wand.

For the LAPHil 100th Anniversary Concert our production approach integrated real-time visuals, reactive to both audio and the conductor’s wand motions, pre-rendered CG material, and live performance controls via Midi/Osc. XiteLabs created the most robust real-time visual mapping show ever done at the Hollywood Bowl, reconfigurable to any venue or scale of show in the future. With the interactive tracking data of Gustavo Dudamel’s performance feeding into Touch Designer and passed to Notch via OSC, and 8 discrete channels of submixed audio from the orchestra driving our pre-programmed looks for pieces such as Star Wars, it was evident to attendees that this was no ordinary projection mapping show!

Our chief technical artist Matt Guertin designed our show system using the [Luminosity](#) framework created by Keith Lostracco in [Touch Designer 099](#). Luminosity allowed us to save presets and cue the generative system in a very advanced fashion. We had a 3D 4k previz view of the stage and a complete UV mapping pipeline with real time tracing and chasing geometries.

For ‘*Star Wars*’ our programming in Notch accounted for any given section of the orchestra, e.g., ‘Hi Strings’ to illuminate and animate certain areas of the the arch or ‘proscenium’ of the Hollywood Bowl, which, for the John William’s masterpiece theme for ‘*Star Wars*’, was skinned to look very much like the interior of the iconic Millennium Falcon ship that Han Solo pilots in the Star Wars films. In this way, XiteLabs fostered a direct relationship between the musical performance and composition and the audience’s visual experience of the music, while incorporating themed elements that spoke to the originality and beauty of the original IP. We were in awe witnessing The Master John Williams conducting this timeless epic, as our visuals surrounded him and the LA Phil orchestra in fields of asteroids, and onward through a warp-speed tunnel that bridged the past and future!

https://xitelabs.com/portfolio/LaPhil_100th_Anniversary_Concert/

MattGuertin.com/portfolio/HollywoodBowl

EXHIBIT
F



LA Philharmonic 100yr Anniversary – Hollywood Bowl

Custom Media Server, D3 Media Server, Rhino, Touchdesigner, Notch, Kinect

2018

MattGuertin.com/portfolio/HollywoodBowl/

Client: LAPhil

Production Company: Xitelabs

Production Design: Xitelabs

Creative Direction: Vello Virkhaus & Greg Russell

Producer: Vello Virkhaus

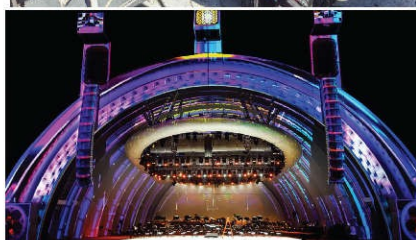
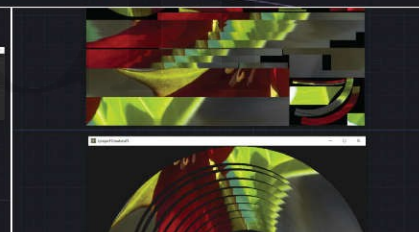
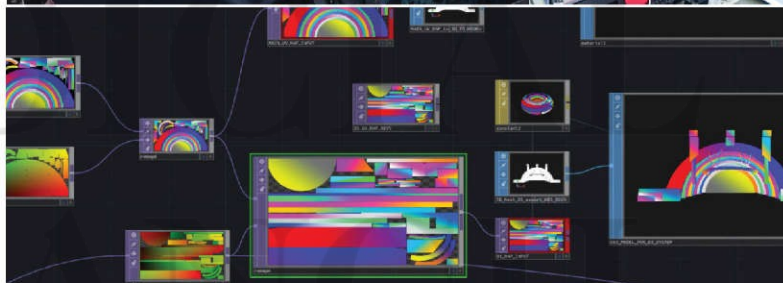
Lighting Designer: Robin Gray

Animator: Tanner Thompson, Brian Egan, Danil Tabacari, VJ Yarkus,

Andrew Williams, Miguel Monteagudo
Additional Artists: Matt Guertin – system design

Equipment Vendors: LMG, Gear Tech Systems

Media Server Operation: XiteLabs



Bad Bunny X100 Pre World Tour Visual Experience


[Portfolio](#)
[Services](#)
[Virtual](#)
[Production](#)
[Team](#)
[Press](#)
[Clients](#)
[Contact](#)


"Bad Bunny Slays Coachella With Mind-Blowing Performance" ET online

"Bad Bunny's First Coachella Performance Was A Site To Behold" Buzz Feed

"Bad Bunny – had one of the most elaborate and dazzling performances of the weekend." Billboard.com

Tour Info:

CMN Events/Bad-Bunny-Live



Client: Buena Vibra Group

Buena Vibra Executive Producers: Max Perez and Nino

Jimenez Xite Creative Directors: Vello Virkhaus & Greg Russell

Production Manager: Rolando Garbalosa

Producer: Amish Dani

LED Eye Design, Fabrication & Implementation: Matt OneUp Guertin

LED Eye Team : PRG Josh Huffman & Cameron Trosper

Staging & Engineering Team: All Access- Producer Graham Forrester

Notch: Tanner Thompson, Richard De Souza, Mike Estacio

Lighting: Max McDougall & 4Wall

Illustrator & Animator: Dan Bigelow

Photographer: Vello Virkhaus

Animation Companies: Optical Animal, Volume Tricks

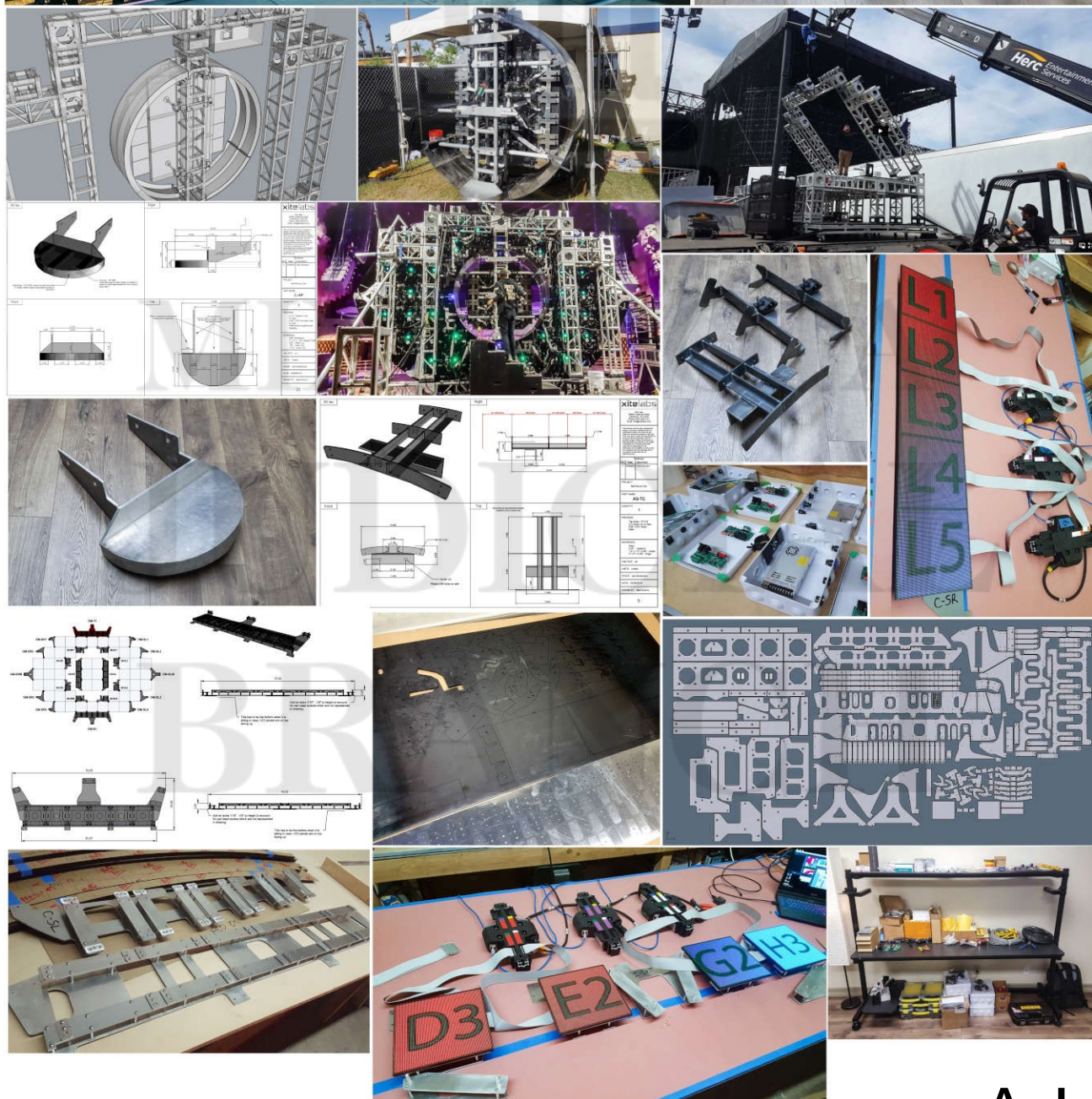
Animators: Ofer Zamora, Danil Tabacari, Grant Davis, Gabriel Hall, Andrew Williams, Fezz Stenton, Kyle Gordon, David Kupferburg, George Berlin, Elad Magdasi, Gerard Gonzalez, Alena Cochran, Caegan Meagher, Talon Nightshade, John Federico

VJ/Resolume Artists: Ivan Ceron, Tanner Thompson, Vello Virkhaus

Big Thanks to everyone who helped make this awesome!

<https://xitelabs.com/portfolio/bad-bunny-x100pre-tour/>

A wide-angle photograph of a large outdoor music festival. In the foreground, a stage is visible with various pieces of equipment, including a DJ booth and a large screen. A person in a colorful, patterned outfit is standing on the stage, facing the crowd. The middle ground is filled with a massive, dense crowd of people, many of whom are wearing hats and sunglasses. In the background, there are palm trees, a clear blue sky, and a sign that reads "EXHIBIT H" in a large, white, rounded rectangle. The overall atmosphere is festive and energetic.



XiteLabs Taps into Bad Bunny's Mind's Eye for Coachella, and a US Tour – PLSN

The tour then headed to the United States with a big multi-weekend stop in Coachella featuring a separate, one-off stage. The team built an entirely new set piece, with technical design and fabrication/supervision by Xitelabs' Matt Guertin, to fit the staging parameters of the Coachella Music Festival. With only hours to build it onsite before each show, and minutes to execute the staging between acts, Xitelabs executed a not-so-mini miracle.



The design — a giant LED and lighted acrylic eye based on Bad Bunny's signature icon — was created for his stage entrance, and for content that was experienced in real time. LED tiles were custom configured by Xitelabs for the outer circles of the eye and played their own content while the center of eye acted as a revolving video portal through which Bad Bunny made his dramatic entrance. In addition, the center was outfitted with custom LED panels which were re-engineered by Xitelabs to fit the shape of the eye.



MattGuertin.com/portfolio/BadBunny360

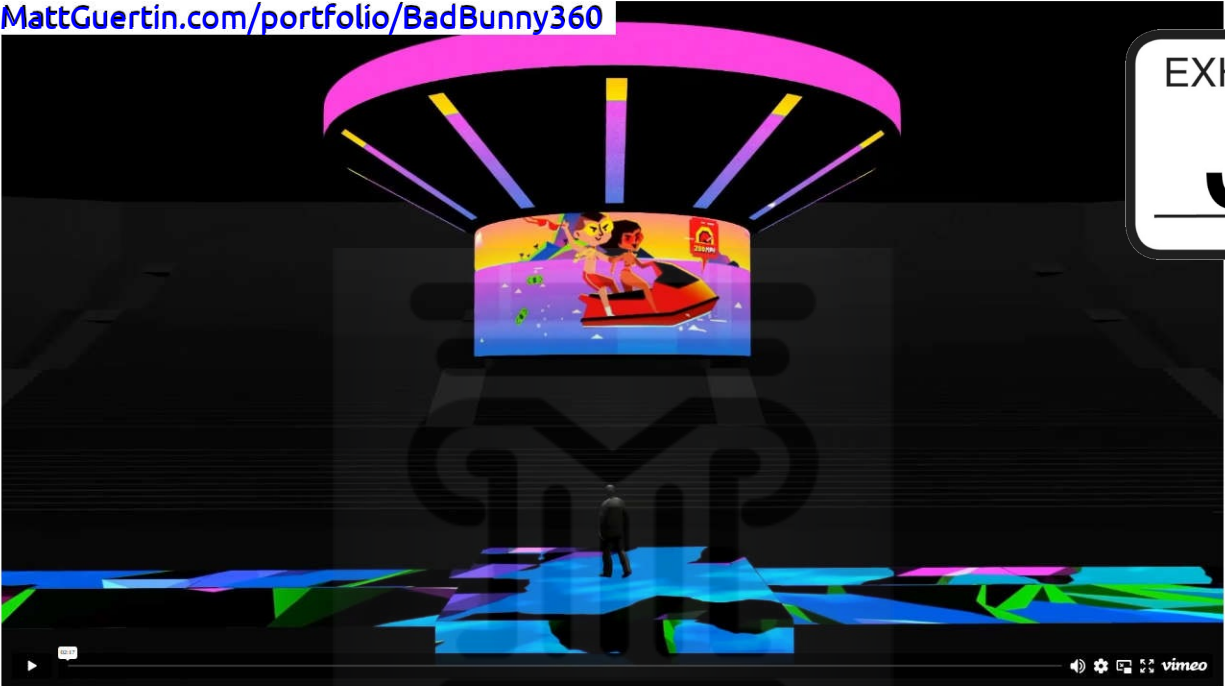
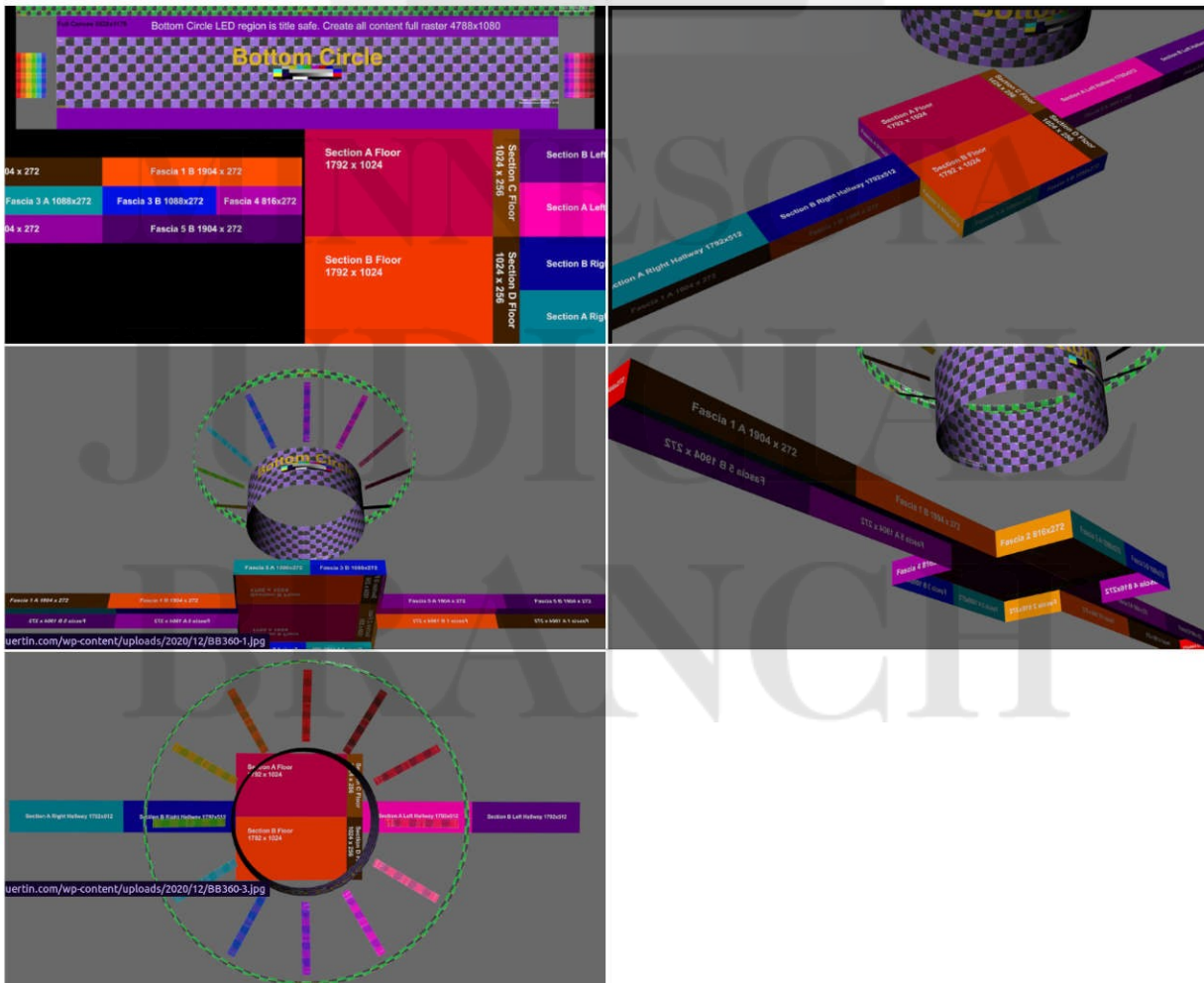
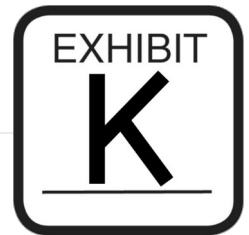


EXHIBIT
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Bad Bunny – 360 Tour

Touchdesigner, and Rhino
2019





The 50' Falcon

Custom Designed Carbon Fiber Skeleton, Fabrication, Infrared Tracking, Puppeing Setup, Live Projection Mapping

Falconry is a tradition in Saudi Arabia practiced with passion and joy. So much so that UNESCO has declared falconry a living cultural heritage. No portrayal of the Saudi Kingdom could be considered authentic without showcasing its historical significance. The symbolism of the falcon was extremely important, so it had to be represented in a truly imaginative way. To fulfill the vision, a massive carbon-fiber, projection-mapped Falcon was designed and created at XiteLabs. An essential character in the story line, the falcon was controlled by 24 performers, and functioned as a giant puppet (like the [Lion King](#)). With a 50 foot wingspan, it made an awe-inspiring impression. Utilizing a [Blacktrax](#) system, the falcon system was outfitted with 50+ stringers ([Infrared beacons](#)) and 20 IR cameras, allowing it to be tracked and projection-mapped in real time with ultra-precision. Multiple projectors painted the bird with beautiful, real-time content as it soared on a majestic journey across the massive city walls. The falcon's exact position on stage was then relayed back to a [Disguise GX2 media server](#). On the Disguise server, UV mapped, pre-produced animation content played out to multiple projectors on the falcon, in perfect sync with the projection mapping on the walls of Diryah.

The original falcon model was produced by Greg Russell and Miguel Monteagudo, and then handed off to XiteLabs' Matt Guertin who masterminded the trellis structure of the bird, the puppet pole functionality, the wing rotation mechanism, [BlackTrax stringer installation and more](#). All fabrication was completed in the XiteLabs workshop, where costumers wrapped the giant bird in lycra that ultimately acted as the projection surface. The finished design incorporated thousands of interlinks parts, and weighed roughly 420 pounds. Fun Fact: a special [perch](#) had to be produced for the bird to provide a nesting place when it was not in rehearsals.

XiteLabs Credits:

Client: [Executive Visions](#)

Executive Creative Director:
Greg Russell

Technical / Creative Director:
Vello Virkhaus

[Falcon Design, Fabrication Direction and Engineering:](#)
[Matt Guertin](#)

BlackTrax System Design & Live Operations / Disguise Programming:
Simon Anaya

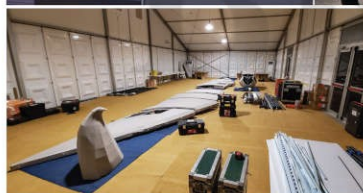
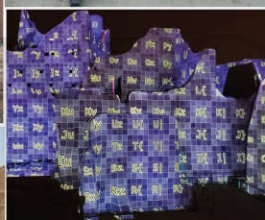
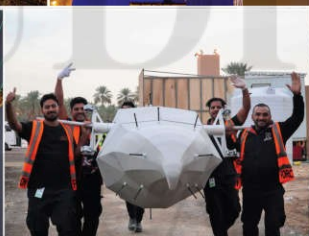
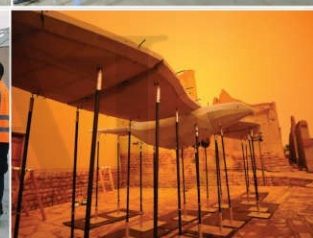
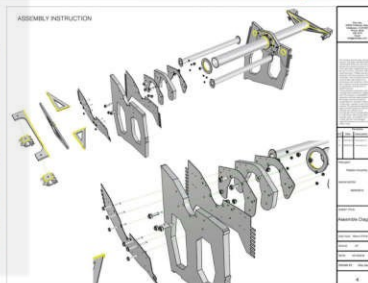
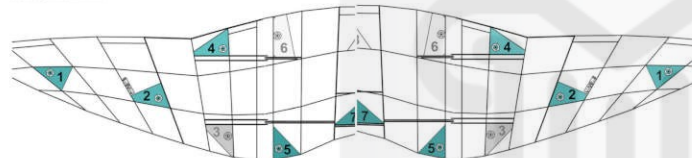
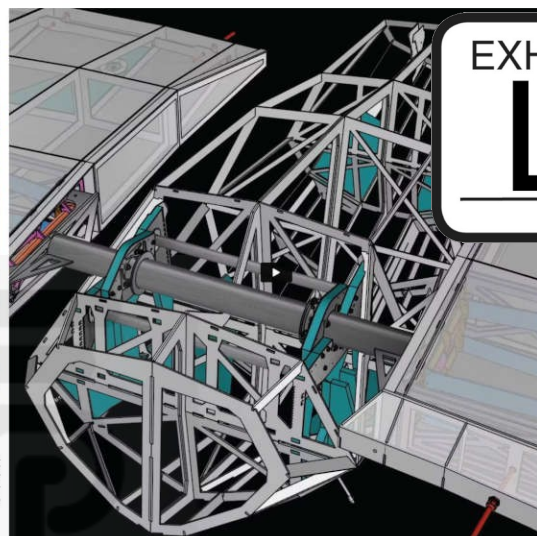
Technical Director / CG Lead:
Aaron Kaminar

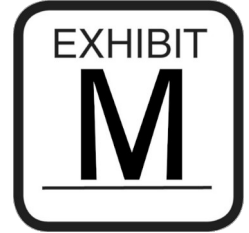
BlackTrax / Disguise support and operation:
Vincent Steenhoek

Producers:
Jessica Tedder and Jackie Evans

<https://XiteLabs.com/portfolio/diriyah-3d-projection-mapping/>

EXHIBIT
L





Tracking a 50ft Falcon with XiteLabs

PROJECT DESCRIPTION

For the UNESCO World Heritage Site World Inauguration of Diriyah, XiteLabs took the lead on creating a world record-breaking, largest projection mapping show on an ancient city ever produced. For this historic show, XiteLabs introduced a 50-foot projection mapped falcon puppet supported by 24 dancers and puppet poles. Outfitted with over 50 BTStringers and 20 BTSensors, the falcon gracefully “flew” across the stage with synchronized projection mapping. [Read More](https://blacktrax.cast-soft.com/showcase/tracking-a-50ft-falcon-with-xitelabs/)

PRODUCERS / COPYRIGHT

Xite Labs Credits:

Client: Executive Visions

Executive Creative Director:
Greg Russell

Technical / Creative Director:
Vello Virkhaus

Falcon Design, Fabrication Direction and Engineering:
Matt Guertin

<https://blacktrax.cast-soft.com/showcase/tracking-a-50ft-falcon-with-xitelabs/>

Matthew David Guertin



vimeo



Matthew David Guertin

📍 Minneapolis, MN

Founder / Inventor / CEO -
InfiniSet, Inc.

www.MattGuertin.com



Activity

Showcases	0
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31 videos

<https://Vimeo.com/MattGuertin>

MattGuertin.com

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The 50' Falcon
2019



Chicago 3D Scan
2020



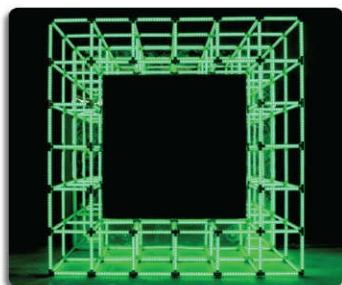
Bad Bunny Eye
2019



LiteBeats
2016

EXHIBIT

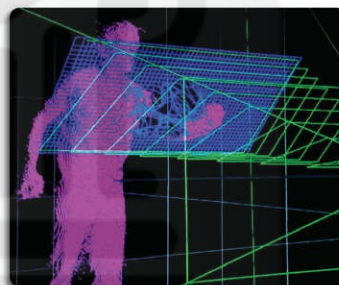
O



Aoki LED Cubes
2014



Hollywood Bowl
2018



KinectTouch v3
2018



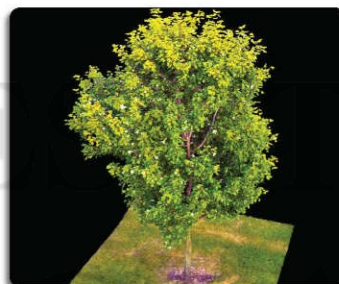
Blue Moon Install
2015



Big Grams Tour
2016



Kinect LED Bartop
2012



Tree - 3D Scan
2020



Ultra Music Festival
2017



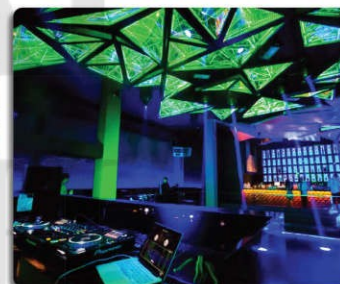
XS - Wynn Vegas
2017



Lure Nightclub
2018



StyleFlip.com
2008



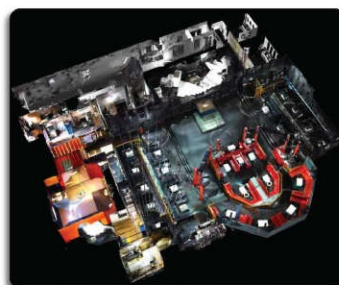
Project LA
2014



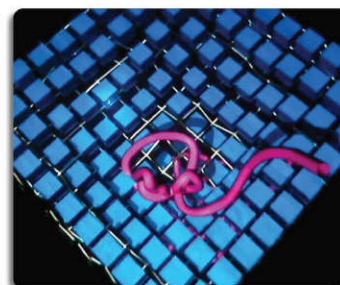
Rabbit In The Moon
2016



2 Way Mirror LED Tiles
2018



Blue Moon - 3D Scan
2020



My Coffee Table
2012



Search the WHOIS Database

infiniset.com is taken

We still might be able to get it for you . [See How](#)

Broker Service Fee

\$69.99[?]



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WHOIS search results

Domain Name: infiniset.com

Registry Domain ID: 2591251121_DOMAIN_COM-VRSN

Registrar WHOIS Server: whois.godaddy.com

Registrar URL: <https://www.godaddy.com>

Updated Date: 2022-09-11T08:22:54Z

Creation Date: 2021-02-13T18:02:07Z

Registrar Registration Expiration Date: 2028-02-13T18:02:07Z

Registrar: GoDaddy.com, LLC

Registrar IANA ID: 146

Registrar Abuse Contact Email:

abuse@godaddy.com Registrar Abuse Contact

Phone: +1.4806242505 Domain Status:

clientTransferProhibited

<https://icann.org/epp#clientTransferProhibited>

Domain Status: clientUpdateProhibited

<https://icann.org/epp#clientUpdateProhibited>

Domain Status: clientRenewProhibited

<https://icann.org/epp#clientRenewProhibited>

Domain Status: clientDeleteProhibited

<https://icann.org/epp#clientDeleteProhibited>

Registry Registrant ID: Not Available From

Registry Registrant Name: Registration Private

Registrant Organization: Domains By Proxy, LLC

Registrant Street:

DomainsByProxy.com Registrant Street:

2155 E Warner Rd

Registrant City: Tempe

Registrant State/Province: Arizona

Registrant Postal Code: 85284

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Find your perfect domain



Take a look at these alternate options

infiniset.org **\$9.99** ~~\$22.99~~ for the first year[?]

infiniset.net **\$14.99** ~~\$24.99~~ for the first year[?]

infiniset.co **\$11.99** ~~\$47.99~~ for the first year[?]

infinise.tai **\$59.99** ~~\$139.99~~ for the first year with a 2 year[?] registration

<https://www.godaddy.com/whois/results.aspx?domainName=infiniset.com>



Under Construction | <https://infiniset.com>



<https://infiniset.com>



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
63/163,135	03/19/2021		75	G185.0001US0		

CONFIRMATION NO. 1603

FILING RECEIPT

27367

WESTMAN CHAMPLIN & KOEHLER, P.A.
121 South Eighth Street
Suite 1100
Minneapolis, MN 55402



0000000124396770

Date Mailed: 03/26/2021

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt identifying the requested changes, preferably by including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Matthew Guertin, Minnetonka, MN;

Applicant(s)

Matthew Guertin, Minnetonka, MN;

Power of Attorney:

Amanda Prose--72345

Permission to Access Application via Priority Document Exchange: Yes**Permission to Access Search Results:** Yes

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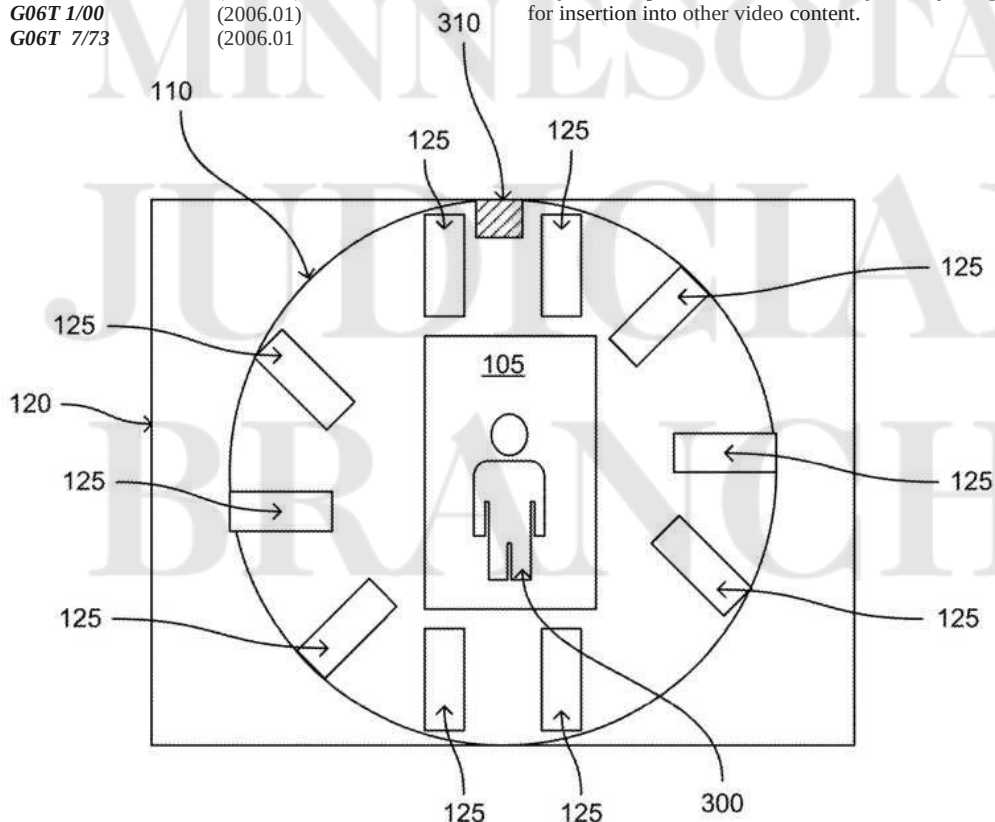
If Required, Foreign Filing License Granted: 03/25/2021

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 63/163,135**

Projected Publication Date: None, application is not eligible for pre-grant publication**Non-Publication Request:** No**Early Publication Request:** No**** MICRO ENTITY ****

(19) **United States**(12) **Patent Application Publication**
Trojansky(10) Pub. No.: **US 2022/0319115 A1**
(43) Pub. Date: **Oct. 6, 2022**(54) **DISPLAYING A SCENE TO A SUBJECT**
WHILE CAPTURING THE SUBJECT'S
ACTING PERFORMANCE USING MULTIPLE (52) **U.S. Cl.**
G06T 15/04 (2006.01)
B25J 19/02 (2006.01)**SENSORS**(71) Applicant: **Eyeline Studios GmbH**, Los Gatos, CA
(US)
CPC..... **G06T 17/20** (2013.01); **G06T 1/0014**
(2013.01); **G06T 7/74** (2017.01); **G06T 15/04**
(2013.01); **B25J 19/021** (2013.01)(72) Inventor: **Stephan Trojansky**, Los Angeles, CA
(US)(21) Appl. No.: **17/709,126**(22) Filed: **Mar. 30, 2022****Related U.S. Application Data**(60) **Provisional application No. 63/168,558, filed on Mar.**
31, 2021.**Publication Classification**(51) **Int. Cl.****G06T 17/20** (2006.01)
G06T 1/00 (2006.01)
G06T 7/73 (2006.01)(57) **ABSTRACT**

A system surrounds an area with a first set of display panels. A second set of display panels is positioned above the area, and a third set of display panels is positioned below the area. A subject is positioned within the area and may be on an omnidirectional treadmill within the area. A controller communicates content to the first set of display panels, the second set of display panels, and the third set of display panels that presents a multidimensional scene when displayed. A set of sensors capture sensor data of the subject within the area while content is displayed. One or more of the sensors may be coupled to a repositioning system that repositions sensors so the subject remains in a field of view of different sensors. From sensor data of the subject, a representation of the subject may be generated for insertion into other video content.



<https://patents.google.com/patent/US11810254B2/en>

INFINISET

Guertin, Matthew

Application



USPTO.report (<https://uspto.report/TM/>) / Guertin, Matthew (/company/Guertin-Matthew)
/ INFINISET Application #90618638 (/TM/90618638/) / Application (/TM/90618638/APP20210405111120/)

Trademark/Service Mark Application, Principal Register

<https://uspto.report/TM/90618638/APP20210405111120/>

PTO- 1478

Approved for use through 02/28/2021. OMB 0651-0009

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Trademark/Service Mark Application, Principal Register

Serial Number: 90618638

Filing Date: 04/01/2021

The table below presents the data as entered.

Input Field	Entered
SERIAL NUMBER	90618638
MARK INFORMATION	
*MARK	INFINISET (/TM/90618638/APP20210405111120/2.jpg)
STANDARD CHARACTERS	YES
USPTO-GENERATED IMAGE	YES
LITERAL ELEMENT	INFINISET
MARK STATEMENT	The mark consists of standard characters, without claim to any particular font style, size, or color.
REGISTER	Principal
APPLICANT INFORMATION	
*OWNER OF MARK	Guertin, Matthew
INTERNAL ADDRESS	#304
*MAILING ADDRESS	10233 W 34th St
*CITY	Minnetonka
*STATE (Required for U.S. applicants)	Minnesota
*COUNTRY/REGION/JURISDICTION/U.S. TERRITORY	United States
*ZIP/POSTAL CODE (Required for U.S. and certain international addresses)	55305
*EMAIL ADDRESS	XXXX
LEGAL ENTITY INFORMATION	
TYPE	individual
COUNTRY/REGION/JURISDICTION/U.S. TERRITORY OF CITIZENSHIP	United States
GOODS AND/OR SERVICES AND BASIS INFORMATION	
INTERNATIONAL CLASS	009



Secretary of State
Statement and Designation by
Foreign Corporation

EXHIBIT

U

FILED

Secretary of State
State of California

4761111

Filing Number

06/30/2021

Filing Date

IMPORTANT — Read Instructions before completing this form.

Must be submitted with a current **Certificate of Good Standing** issued by the government agency where the corporation was formed. See Instructions.

Filing Fee — \$100.00 (for a foreign stock corporation) or
\$30.00 (for a foreign nonprofit corporation)

Copy Fees — First page \$1.00; each attachment page \$0.50;
Certification Fee - \$5.00

Note: Corporations may have to pay minimum \$800 tax to the California Franchise Tax Board each year. For more information, go to ftb.ca.gov.

This Space For Office Use Only

1. Corporate Name (Go to www.sos.ca.gov/business/be/name-reservations for general corporate name requirements and restrictions.)

EYELINE STUDIOS, INC

2. Jurisdiction (State, foreign country or place where this corporation is formed - **must match** the Certificate of Good Standing provided.)

NEVADA

3. Business Addresses (Enter the complete business addresses. Items 3a and 3b cannot be a P.O. Box or "in care of" an individual or entity.)

a. Initial Street Address of Principal Executive Office - Do not enter a P.O. Box	City (no abbreviations)	State	Zip Code
2505 ANTHEM VILLAGE DR., SUITE E-191	HENDERSON	NV	89052
b. Street Address of Principal Office in California, if any - Do not enter a P.O. Box	City (no abbreviations)	State	Zip Code
12910 CULVER BLVD STE C	LOS ANGELES	CA	90066
c. Mailing Address of Principal Executive Office, if different than item 3a	City (no abbreviations)	State	Zip Code
12910 CULVER BLVD STE C	LOS ANGELES	CA	90066

4. Service of Process (Must provide either Individual OR Corporation.)

INDIVIDUAL — Complete Items 4a and 4b only. Must include agent's full name and California street address.

a. California Agent's First Name (if agent is not a corporation)	Middle Name	Last Name	Suffix
SCOTT		MILLER	
b. Street Address (if agent is not a corporation) - Do not enter a P.O. Box	City (no abbreviations)	State	Zip Code
12910 CULVER BLVD STE C	LOS ANGELES	CA	90066

CORPORATION — Complete Item 4c. Only include the name of the registered agent Corporation.

c. California Registered Corporate Agent's Name (if agent is a corporation) — Do not complete Item 4a or 4b

5. Read and Sign Below (See instructions. Office or title not required.)

I am a corporate officer and am authorized to sign on behalf of the foreign corporation.

Signature

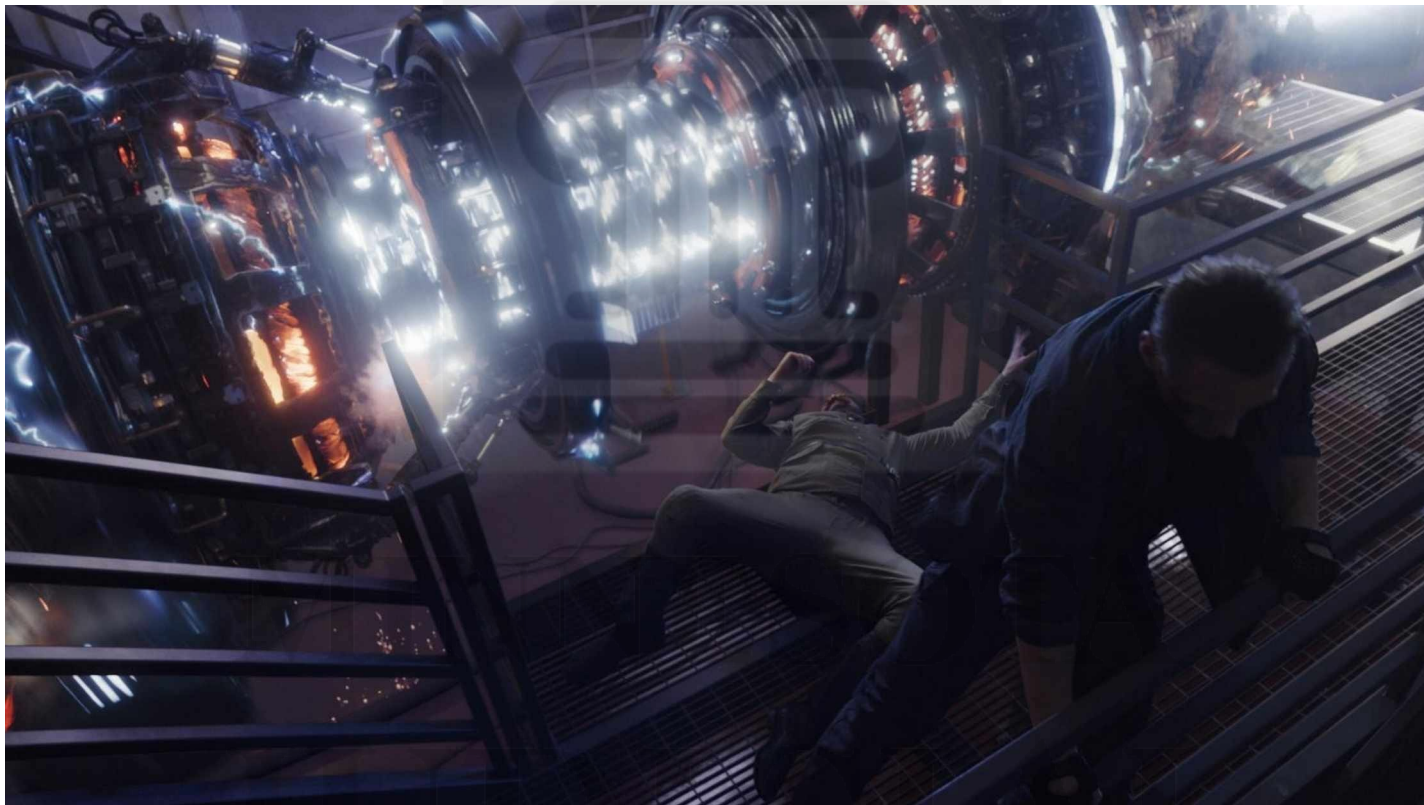
John Gosch

Type or Print Name

NETFLIX

EXHIBIT
W[→ Back to All News](#)

Bringing More VFX Magic to Our Members With the Acquisition of Scanline VFX

**Amy Reinhard**

VP of Studio Operations

Business · 22 November 2021

Global

Canada

United Kingdom (Great Britain)

South Korea (Republic of Korea)

Germany

From the interstellar landscape of *Cowboy Bebop* and the ravenous vampires of *Blood Red Sky* to the exploding underground reactor in *Stranger Things 3*, we want to surprise and delight our members by pushing the boundaries of visual effects. So we're pleased to announce today our plans to acquire Scanline VFX, one of the most creative and innovative VFX studios in the world.*

Scanline was founded in 1989 and is now led by Stephan Trojansky, a trailblazing VFX Supervisor whose proprietary fluid rendering system Flowline won an Academy Award for Technical Achievement in 2008. The company has offices in Vancouver, Montreal, Los Angeles, London, Munich, Stuttgart, and Seoul.

Scanline is known for its complex, photorealistic effects and expertise in virtual production. It's also done an extraordinary job of supporting our creators on everything from the above-mentioned VFX achievements to those in upcoming titles like *Don't Look Up*, *The Gray Man*, *Slumberland*, *The Adam Project* and *Stranger Things 4*.

Netflix will invest in Scanline's pipeline, infrastructure and workforce and continue to support the pioneering work that Scanline's Eyeline Studios is doing in virtual production to push the boundaries of what is visibly possible.

<https://web.archive.org/web/20211122213954/https://about.netflix.com/en/news/bringing-more-vfx-magic-to-our-members-with-scanline-vfx>



D Model hyper-parameters

Table 27: Hyper-parameters for pre-training 2B, 8B and 137B models. All models were trained with 256K tokens per batch.

Parameters	Layers	Units	Heads	pre-train steps	pre-train chips	pre-train time (days)	fine-tune chips	fine-tune time (hours)
2B	10	2560	40	501k	64	1.5	16	3
8B	16	4096	64	521k	64	23	16	6
137B	64	8192	128	3M	1024	57.7	64	36

E Pre-training data composition

The pre-training data, called **Infiniset**, is a combination of dialog data from public dialog data and other public web documents. It consists of 2.97B documents and 1.12B dialogs with 13.39B utterances. The composition of the data is as follows: 50% dialogs data from public forums; 12.5% C4 data [11]; 12.5% code documents from sites related to programming like Q&A sites, tutorials, etc; 12.5% Wikipedia (English); 6.25% English web documents; and 6.25% Non-English web documents. The total number of words in the dataset is 1.56T. Note that this composition was chosen to achieve a more robust performance on dialog tasks (Section 4) while still keeping its ability to perform other tasks like code generation. As future work, we can study how the choice of this composition may affect the quality of some of the other NLP tasks performed by the model.

F Pre-training and fine-tuning results

Table 28: Results for Foundation Metrics

Treatment	Sensibleness	Specificity	Interestingness	Safety	Groundedness	Informativeness
PT (2B)	76.6	46.5	10.8	84.8	45	29.2
PT (8B)	79.1	46.5	11.3	87.5	47.1	29.5
PT (137B)	80.2	49.8	15.8	88	57.9	41.3
FT quality-safety (137B)	92.8	77.1	23.2	94.6	67.9	50.5
LaMDA (2B)	81.8	74.8	23.4	93.8	53	41.8
LaMDA (8B)	88	77.4	22.2	93.5	64.6	50.2
LaMDA (137B)	92.3	79	25.7	95.2	73.2	62.3

<https://arxiv.org/pdf/2201.08239v1.pdf>

January 20th, 2022



D Model hyper-parameters

Table 27: Hyper-parameters for pre-training 2B, 8B and 137B models. All models were trained with 256K tokens per batch.

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<https://arxiv.org/pdf/2201.08239v2.pdf>

January 21st, 2022



arXiv:2201.08239v3 [cs.CL] 10 Feb 2022

LaMDA: Language Models for Dialog Applications

Romal Thoppilan Daniel De Freitas Jamie Hall Noam Shazeer Apoorv Kulshreshtha
 Heng-Tze Cheng Alicia Jin Taylor Bos Leslie Baker Yu Du YaGuang Li Hongrae Lee
 Huaixiu Steven Zheng Amin Ghafouri Marcelo Menegali Yanping Huang Maxim Krikun
 Dmitry Lepikhin James Qin Dehao Chen Yuanzhong Xu Zhifeng Chen Adam Roberts
 Maarten Bosma Vincent Zhao Yanqi Zhou Chung-Ching Chang Igor Krivokon Will Rusch
 Marc Pickett Pranesh Srinivasan Laichee Man Kathleen Meier-Hellstern
 Meredith Ringel Morris Tulsee Doshi Renelito Delos Santos Toju Duke Johnny Soraker
 Ben Zevenbergen Vinodkumar Prabhakaran Mark Diaz Ben Hutchinson Kristen Olson
 Alejandra Molina Erin Hoffman-John Josh Lee Lora Aroyo Ravi Rajakumar
 Alena Butryna Matthew Lamm Viktoriya Kuzmina Joe Fenton Aaron Cohen
 Rachel Bernstein Ray Kurzweil Blaise Aguera-Arcas Claire Cui Marian Croak Ed Chi

Quoc Le

Google

Abstract

We present LaMDA: Language Models for Dialog Applications. LaMDA is a family of Transformer-based neural language models specialized for dialog, which have up to 137B parameters and are pre-trained on 1.56T words of public dialog data and web text. While model scaling alone can improve quality, it shows less improvements on safety and factual grounding. We demonstrate that fine-tuning with annotated data and enabling the model to consult external knowledge sources can lead to significant improvements towards the two key challenges of safety and factual grounding. The first challenge, safety, involves ensuring that the model's responses are consistent with a set of human values, such as preventing harmful suggestions and unfair bias. We quantify safety using a metric based on an illustrative set of human values, and we find that filtering candidate responses using a LaMDA classifier fine-tuned with a small amount of crowdworker-annotated data offers a promising approach to improving model safety. The second challenge, factual grounding, involves enabling the model to consult external knowledge sources, such as an information retrieval system, a language translator, and a calculator. We quantify factuality using a groundedness metric, and we find that our approach enables the model to generate responses grounded in known sources, rather than responses that merely sound plausible. Finally, we explore the use of LaMDA in the domains of education and content recommendations, and analyze their helpfulness and role consistency.

<https://arxiv.org/pdf/2201.08239.pdf>

*Work done while at Google.

February 10th, 2022

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LaMDA (137B)	92.3	79	25.7	95.2	73.2	62.3

<https://arxiv.org/pdf/2201.08239.pdf>

February 10th, 2022



increase in ARM on a F/X neutral basis. We still target a 19%-20% operating margin for the full year 2022, assuming no material swings in F/X rates from when we set this goal in January of 2022.

Cash Flow and Capital Structure

Net cash generated by operating activities in Q1 was \$923 million vs. \$777 million in the prior year period. Free cash flow³ amounted to \$802 million vs. \$692 million. We continue to expect to be free cash flow positive for the full year 2022 and beyond.

During the quarter, we completed two acquisitions (leading visual effects company [Scanline](#) and gaming studio [Boss Fight Entertainment](#)), which had a -\$125 million impact on cash. We also announced our purchase of Helsinki-based gaming company [Next Games](#). We've completed the tender offer and expect to complete the transaction in the second half of 2022.

We finished Q1 with gross debt of \$14.6 billion after repaying \$700 million of our senior notes. We're now within the top end of our gross debt target range of \$10-\$15 billion. With cash of \$6.0 billion, net debt was \$8.6 billion at the end of the quarter, equating to a 1.3x LTM leverage ratio⁴. Given those uses of cash and our minimum cash target, we didn't engage in share repurchase activity during the quarter.

Environmental, Social, and Governance (ESG)

We recently published our [2021 ESG Report](#) (March 30, 2022). We've made good progress on our [climate commitments](#) announced last year - reducing or avoiding more than 14,000 metric tons of emissions in 2021. This enabled us to reduce our Scope 1 and 2 footprint by more than 10% from what it otherwise would have been and puts us on track to cut 45% of these emissions by 2030.

We continue to develop our inclusion lens. In 2021, women made up 51.7% of our global workforce⁵, up from 48.7% in 2020. Half of our US workforce (50.5%) is made up of people from one or more historically excluded ethnic and/or racial backgrounds, including Asian, Black, Hispanic or Latino, Middle Eastern, Native American, and Pacific Islander⁶. That's up from 46.8% in the previous year. The number of US Black employees increased from 8.6% to 10.7% and Black leadership increased from 10.9% to 13.3%. The number of US Hispanic or Latino employees increased from 7.9% to 8.6%, and US Hispanic or Latino leadership grew slightly from 4.3% to 4.4%.

As noted in our last investor letter and our [2022 preliminary proxy](#), the board has decided to recommend to shareholders that Netflix evolve to a more standard large cap company governance structure. At this year's annual meeting in June, we'll present proposals to declassify our board, remove supermajority

³ For a reconciliation of free cash flow to net cash provided by (used in) operating activities, please refer to the reconciliation in tabular form on the attached unaudited financial statements and the footnotes thereto.

⁴ Defined as net debt divided by last twelve months (LTM) adjusted EBITDA (Net income before interest expense and other income/expense, income taxes, depreciation and amortization of property, plant and equipment and further adjusted to exclude other non-cash charges).

⁵ 2020 numbers as of December 2020, and 2021 numbers as of December 2021.

⁶ Categories based on US reporting requirements.

NETFLIX

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https://s22.g4cdn.com/959853165/files/doc_financials/2022/q1/FINAL-Q1-22-Shareholder-Letter.pdf

State of Delaware
Secretary of State
Division of Corporations
Delivered: 01:35 PM 07/18/2022
FILED: 01:35 PM 07/18/2022
SR 20223015163 - File Number 6917475

CERTIFICATE OF INCORPORATION
OF
INFINISET, INC.



ARTICLE I

The name of the corporation is InfiniSet, Inc. (the “**Corporation**”).

ARTICLE II

The address of the Corporation’s registered office in the state of Delaware is 251 Little Falls Drive, Wilmington, New Castle County, Delaware 19808. The name of its registered agent at such address is Corporation Service Company.

ARTICLE III

The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the Delaware General Corporation Law.

ARTICLE IV

The aggregate number of shares which the Corporation shall have authority to issue is 10,000,000 shares of capital stock all of which shall be designated “Common Stock” and have a par value of \$0.00001 per share.

ARTICLE V

The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors. Elections of directors need not be by written ballot unless otherwise provided in the Bylaws of the Corporation. In furtherance of and not in limitation of the powers conferred by the laws of the state of Delaware, the Board of Directors of the Corporation is expressly authorized to make, amend or repeal Bylaws of the Corporation.

ARTICLE VI

(A) To the fullest extent permitted by the Delaware General Corporation Law, as the same exists or as may hereafter be amended, a director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director.

(B) The Corporation shall indemnify to the fullest extent permitted by law any person made or threatened to be made a party to an action or proceeding, whether criminal, civil, administrative or investigative, by reason of the fact that he, his testator or intestate is or was a director or officer of the Corporation or any predecessor of the Corporation, or serves or served at any other enterprise as a director or officer at the request of the Corporation or any predecessor to the Corporation.

(C) Neither any amendment nor repeal of this Article VI, nor the adoption of any provision of the Corporation's Certificate of Incorporation inconsistent with this Article VI, shall eliminate or reduce the effect of this Article VI in respect of any matter occurring, or any action or proceeding accruing or arising or that, but for this Article VI, would accrue or arise, prior to such amendment, repeal or adoption of an inconsistent provision.

ARTICLE VII

Unless the Corporation consents in writing to the selection of an alternative forum, the Court of Chancery of the State of Delaware shall be the sole and exclusive forum for (A) any derivative action or proceeding asserting a claim on behalf of the Corporation, (B) any action or proceeding asserting a claim of breach of a fiduciary duty owed by any current or former director, officer, employee or agent of the Corporation to the Corporation or the Corporation's stockholders, (C) any action or proceeding asserting a claim against the Corporation arising pursuant to any provision of the Delaware General Corporation Law or the Corporation's Certificate of Incorporation or Bylaws, (D) any action or proceeding asserting a claim as to which the Delaware General Corporation Law confers jurisdiction upon the Court of Chancery of the State of Delaware, or (E) any action or proceeding asserting a claim governed by the internal affairs doctrine, in each case subject to said Court of Chancery having personal jurisdiction over the indispensable parties named as defendants therein.

ARTICLE VIII

The name and mailing address of the incorporator are as follows:

Matthew D Guertin



Executed on July 18, 2022.

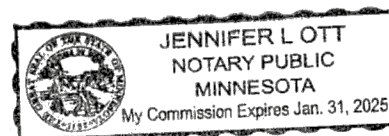
E-signed using Clerkly (R-5403ae7d226878601550-da82d11)

Matthew D Guertin

Matthew D Guertin, Incorporator

Matthew D Guertin 2/20/2024
CEO/President

State of Minnesota, County of Hennepin City of Plymouth	
This Instrument was acknowledged before me on:	
20	day of Feb, 2024
by <u>Matthew David Guertin</u>	
<u>Jennifer L Ott</u>	notary public
My Commission Expires: 01/31/2025	



Page 2 of 2



PATENT COOPERATION TREATY

WO 2022/198028
PCT/US2022/020919

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION CONCERNING
AVAILABILITY OF THE PUBLICATION
OF THE INTERNATIONAL APPLICATION

To:

PROSE, Amanda
WESTMAN, CHAMPLIN & KOEHLER, P.A.
121 South Eighth Street, Suite 1100
Minneapolis, Minnesota 55402
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 22 September 2022 (22.09.2022)		
Applicant's or agent's file reference G185-0001WO1		IMPORTANT NOTICE
International application No. PCT/US2022/020919	International filing date (day/month/year) 18 March 2022 (18.03.2022)	Priority date (day/month/year) 19 March 2021 (19.03.2021)
Applicant GUERTIN, Matthew		

The applicant is hereby **notified** that the International Bureau:

☒ has **published** the above-indicated international application on 22 September 2022 (22.09.2022) under No. WO 2022/198028

☐ has **republished** the above-indicated international application on _____ under No. WO _____
For an explanation as to the reason for this republication of the international application, reference is made to INJD codes (15), (48) or (88) (as the case may be) on the front page of the published international application.

- A copy of the international application is available for viewing and downloading on WIPO's website at the following address: <https://patentscope.wipo.int/> (in the appropriate field of the structured search, enter the PCT or WO number).

- The applicant may also obtain a paper copy of the published international application from the International Bureau by sending an e-mail to patentscope@wipo.int or by submitting a written request to the contact details provided below.

Warning: Following publication of the international application, applicants, agents and inventors may receive misleading requests for payment of fees that appear to come from the International Bureau of WIPO or other patent Offices which are unrelated to the processing of international applications under the PCT.

Agents are particularly encouraged to be vigilant and alert their clients about this practice. Examples of such requests for payment which have been received by the International Bureau can be found at: http://www.wipo.int/pct/en/wanting/pct_warning.html.

Please forward copies of any such requests to pct.legal@wipo.int.

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Sun Hwa Lee

e-mail pct.team1@wipo.int
Telephone No. +41 22 338 74 01

EXHIBIT
Ja**Office of the Minnesota Secretary of State
Certificate of Authority**

I, Steve Simon, Secretary of State of Minnesota, do certify that: The following business entity has duly complied with the relevant provisions of Minnesota Statutes listed below, and is formed or authorized to do business in Minnesota on and after this date with all the powers, rights and privileges, and subject to the limitations, duties and restrictions, set forth in that chapter.

The business entity is now legally registered under the laws of Minnesota.

Name in Minnesota: InfiniSet Inc.

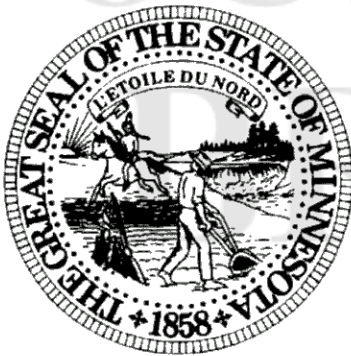
Name in Home Jurisdiction: InfiniSet, Inc.

File Number: 1348699500021

Minnesota Statutes, Chapter: 303

Home Jurisdiction: Delaware

This certificate has been issued on: 11/13/2022



A handwritten signature in black ink that reads 'Steve Simon'.

Steve Simon
Secretary of State
State of Minnesota

Minnetonka Police Department

14600 Minnetonka Blvd Minnetonka, MN 55345

(952) 939-8510



Case #:MP23000151

Incident #: MP23000151

Event**14600 MINNETONKA BLVD Apt #1 MINNETONKA, MINNESOTA 55345**

Description of Incident: INFORMATION
Reported Date/Time: 01/12/2023 14:02:34
Occurred Start Date: 01/12/2023 14:02:34
Occurred End Date:
Latitude: 44.940109
Longitude: -93.465489
Brief synopsis of Incident: RP reporting a company is attempting to steal his patent. Information report.
Disposition: INACTIVE
Exceptional Clearance (For Office Use Only): NOT APPLICABLE
Exceptional Clearance Date (For Office Use Only):
Case Status: ASSISTED/ADVISED
MPtest: No
Confidential?: No
Request Formal Complaint: No
State Accident Report Completed: No
Photos Taken: No
MHU Report: No
Case Status Date: 01/13/2023

EXHIBIT**La****Person Reporting Incident Data (1)****GUERTIN, MATTHEW DAVID**

DOB: 07/17/1981
Age: 41
Driver's License Number: [REDACTED]
Driver's License State: Minnesota
Home Phone:
Cell Phone: (763)-221-4540
Address: 10233 34TH ST W
Apartment: 304
City: MINNETONKA
State: Minnesota
Zip Code: 55305
Latitude: 44.942249587379074
Longitude: -93.40873527526688
Height: 510
Weight: 180
Eye Color: Brown

Minnetonka Police Department

14600 Minnetonka Blvd Minnetonka, MN 55345

(952) 939-8510



Case #:MP23000151

Incident #: MP23000151

Offenses (1)**MISINFO MISC OFCR INFORMATION**

Offense Status: ASSISTED/ADVISED
UCR/NIBRS Code: 999 NIBRS Non-Reportable
Severity Level:
State Code:
Location Type: Residence/Home
Bias Motivation: NONE
Attempted/Completed: Completed
Offender Suspected of Using: Not Applicable
MHU Report: No
Cargo Theft:
Number of Premises Entered:
Criminal Activity or Gang Info:

Vehicle (0)**Involvement Type:****Property (0)****Date of Theft:****Property Status:****Narrative (1)****MAIN REPORT. BHARRIS, 166**

HARRIS, BRANDON 62166

01/12/2023

On 01/12/2023 I responded to the Minnetonka Police Department lobby for a report of fraud. I made contact with reporting party MATTHEW DAVID GUERTIN DOB 07/17/1981 in the department lobby.

GUERTIN STATEMENT:

- He has filed for and acquired a patent for his invention, "Motorized Rotatable Treadmill and System for Creating the Illusion of Movement."
- The machine is used for filming cinema.
- He pitched the patent to Mark Roberts Motion Control (mrmoco.com).
- The CEO, Mark Roberts, advised that the technology already existed and is used by Photo Robot (photorobot.com).
- He looked at the Photo Robot website and observed the technology used to be similar but different from his.
- While reviewing the website over a number of days he realized the website was changing to reflect his patent.
- The website is being updated in real time with information from his design.

Minnetonka Police Department14600 Minnetonka Blvd Minnetonka, MN 55345
(952) 939-8510

Case #:MP23000151

Incident #: MP23000151

- Photo Robot is effectively stealing his patent by making it look like they have already had the technology.
- He has proof of the fraud.
- He has been downloading the website and has noticed a number of discrepancies between the current version and the old version of the website.
- He believes the master mind behind all of this is Mark Roberts who he initially discussed the patent with.
- He believes that he could sell the patent to Netflix for 100 Million dollars.
- He originally called the FBI who advised he needed to file a report with his local police agency.
- He understands there is nothing the local police can do.

OFFICER OBSERVATIONS ACTIONS:

- Guertin advised that he has many gigabytes of evidence to show the fraud.
- I advised Guertin to connect with a computer forensicator in order to parse the data into a readable format.
- I agreed with Guertin that this issue is beyond the scope of the local police department.
- I advised Guertin to provide the FBI with the case number and the parsed data when he files the report with them.

DISPOSITION:

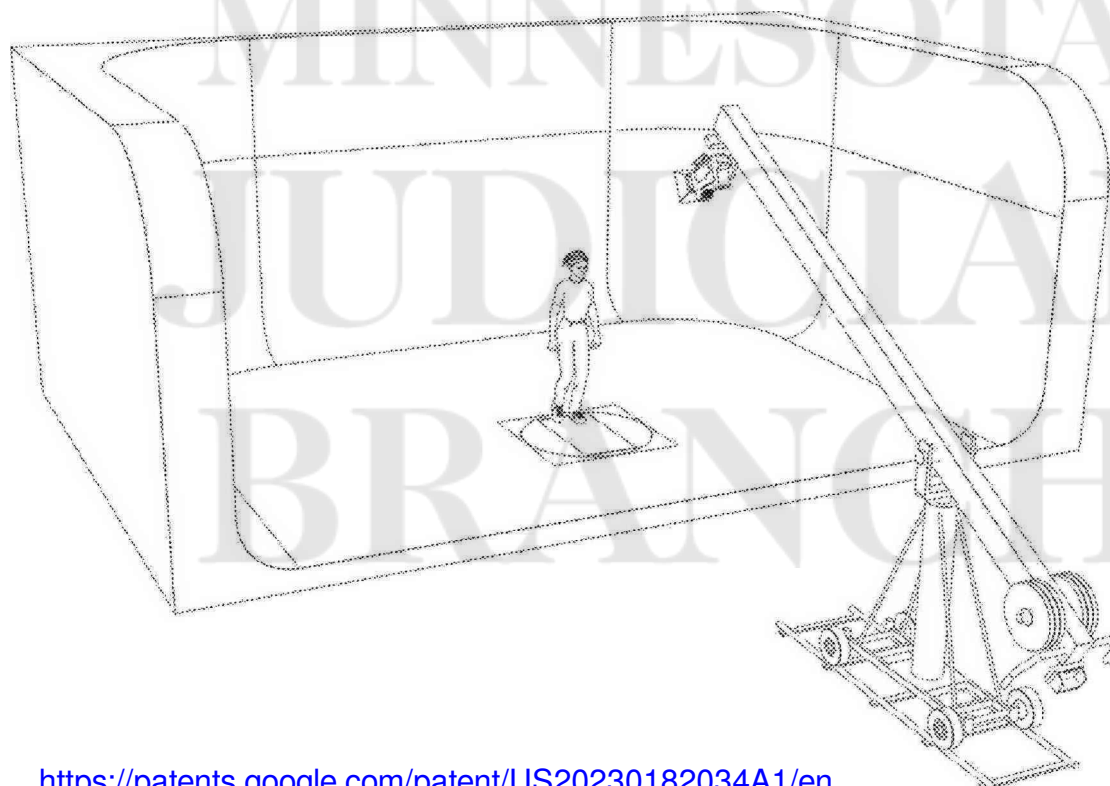
- Information Report.

Officer (2)

Approving Officer:	THOELE, KAREN (621040)	01/12/2023 17:43:11
Reporting Officer:	HARRIS, BRANDON (62166)	01/12/2023 15:17:00

c19) **United States**c12) **Patent Application Publication**
Guertinc10) **Pub. No.: US 2023/0182034 A1**
(43) **Pub. Date: Jun. 15, 2023**(54) **MOTORIZED ROTATABLE TREADMILL
AND SYSTEM FOR CREATING THE
ILLUSION OF MOVEMENT****Publication Classification**(51) **Int. Cl.****A63J 5/02** (2006.01)**A63J 1/00** (2006.01)(52) **U.S. Cl.**CPC .. **A63J 5/02** (2013.01); **A63J 1/00** (2013.01)(71) Applicant: **InfiniSet, Inc.**, Edina, MN (US)(72) Inventor: **Matthew Guertin**, Minnetonka, MN
(US)(21) Appl. No.: **18/108,858**(22) Filed: **Feb. 13, 2023****Related U.S. Application Data**(63) Continuation of application No. 17/698,420, filed on
Mar. 18, 2022, now Pat. No. 11,577,177.(60) Provisional application No. 63/163,135, filed on Mar.
19, 2021.(57) **ABSTRACT**

A motorized, rotatable treadmill and a system for creating the illusion of user movement while the user is stationary with respect to an environment as the user walks or otherwise moves on an endless track of the treadmill. The user can then travel an unlimited distance in unlimited directions while remaining stationary in physical location. The speed of the treadmill is precisely controlled and/or precisely matched with movement of a camera and a real-world speed of movement of the user and the distance the user travels on the belt to create the illusion of movement of the person being filmed. When the treadmill is provided within an LED virtual film set or green screen set, background imagery is added to further supplement the movement in a selected environment.



<https://patents.google.com/patent/US20230182034A1/en>

c12) **United States Patent**
Guertin(10) **Patent No.:** **US 11,577,177 B2**
(45) **Date of Patent:** **Feb.14,2023**(54) **MOTORIZED ROTATABLE TREADMILL
AND SYSTEM FOR CREATING THE
ILLUSION OF MOVEMENT**

(56)

References Cited**U.S. PATENT DOCUMENTS**(71) Applicant: **Matthew Guertin**, Minnetonka, MN
(US)

2015/0150522 AI	6/2015	Papaioannou	5/2017
2017/0129105 AI		Stephens, Jr.	
2018/0053349 AI*	2/2018	Chen.....	G06T 19/006
2019/0086996 AI	3/2019	Bahrami et al.	
2019/0307982 AI	10/2019	Brodsky	

(72) Inventor: **Matthew Guertin**, Minnetonka, MN
(US)**FOREIGN PATENT DOCUMENTS**(73) Assignee: **INFINISSET, INC.**, Edina, MN (US)

CN	104740829 A	7/2015
CN	105396261 A	3/2016
CN	206026963 U	3/2017

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(Continued)

OTHER PUBLICATIONS(21) Appl. No.: **17/698,420**International Search Report and Written Opinion issued for PCT/
US2022/020919, dated Jun. 24, 2022.(22) Filed: **Mar. 18, 2022**

(Continued)

(65) **Prior Publication Data**

US 2022/0297024 AI Sep. 22, 2022

Primary Examiner - Kien T Nguyen
(74) Attorney, Agent, or Firm - Westman, Champlin &
Koehler, P.A.; Amanda M. Prose

(57)

ABSTRACT

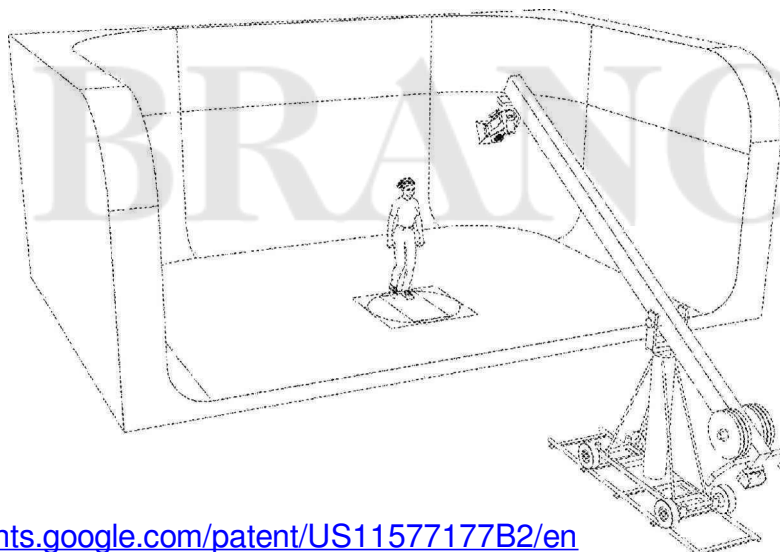
A motorized, rotatable treadmill and a system for creating the illusion of user movement while the user is stationary with respect to an environment as the user walks or other wise moves on an endless track of the treadmill. The user can then travel an unlimited distance in unlimited directions while remaining stationary in physical location. The speed of the treadmill is precisely controlled and/or precisely matched with movement of a camera and a real-world speed of movement of the user and the distance the user travels on the belt to create the illusion of movement of the person being filmed. When the treadmill is provided within an LED virtual film set or green screen set, background imagery is added to further supplement the movement in a selected environment.

6 Claims, 18 Drawing Sheets**Related U.S. Application Data**

(60) Provisional application No. 63/163,135, filed on Mar. 19, 2021.

(51) **Int. Cl.****A63G 31/16** (2006.01)**A63J 5/02** (2006.01)**A63J 1/00** (2006.01)(52) **U.S. Cl.**CPC .. **A63J 5/02** (2013.01); **A63J 1/00** (2013.01)(58) **Field of Classification Search**CPC.....**A63G 31/16**; **H04N 5/262**; **A61B 6/04**USPC.....**472/60**, **61**, **130**; **482/66**, **68**

See application file for complete search history.



Doc Code: 3P.RELEVANCE

Document Description: Concise Description of Relevance

U.S. Patent and Trademark Office
Department of CommerceTHIRD-PARTY SUBMISSION UNDER 37 CFR 1.290
CONCISE DESCRIPTION OF RELEVANCEEXHIBIT
Pa

Application Number

17709126

U.S. PATENTS

Cite No	Patent Number	Concise Description of Relevance
1	11577177	The prior art teaches a subject positioned within an array of panels on an omnidirectional treadmill, the repositioning systems, the sensors and controller as claimed. The prior art also teaches See at least paragraphs [0018], [0021]-[0024], [0050], [0053], [0058] and [0101]. See also at least FIGS. 1, 2, 25-28.

U.S. PATENT APPLICATION PUBLICATION

Cite No	Publication Number	Concise Description of Relevance

FOREIGN PATENT DOCUMENTS

CiteNo	Foreign Document Number	Concise Description of Relevance

NON-PATENT PUBLICATIONS

Cite No	Reference	Concise Description of Relevance

Doc Code:IDS.3P

Document Description: Third-Party Submission Under 37 CFR 1.290

Approved for use through 07/31/2015. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

THIRD-PARTY SUBMISSION UNDER 37 CFR 1.290	Application Number	17709126

U.S. PATENTS						
Cite No	Patent Number	Kind Code ¹	Issue Date (YYYY-MM-DD)	First Named Inventor		
1	11577177		2023-02-14	Matthew Guertin		
U.S. PATENT APPLICATION PUBLICATIONS						
Cite No	Publication Number	Kind Code ¹	Publication Date (YYYY-MM-DD)	First Named Inventor		
FOREIGN PATENTS AND PUBLISHED FOREIGN PATENT APPLICATIONS						
Cite No	Foreign Document Number ³	Country Code ²	Kind Code ¹	Publication Date (YYYY-MM-DD)	Applicant, Patentee or First Named Inventor	T ⁵
						<input type="checkbox"/>
NON-PATENT PUBLICATIONS (e.g., journal article, Office action)						
Cite No	Author (if any), title of the publication, page(s) being submitted, publication date, publisher (where available), place of publication (where available).				T ⁵	E ⁶

THIRD-PARTY SUBMISSION UNDER 37 CFR 1.290	Application Number	17709126

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STATEMENTS

The party making the submission is not an individual who has a duty to disclose information with respect to the above-identified application under 37 CFR 1.56.

This submission complies with the requirements of 35 U.S.C. 122(e) and 37 CFR 1.290.

☐ The fee set forth in 37 CFR 1.290(f) has been submitted herewith.

☒ The fee set forth in 37 CFR 1.290(f) is not required because this submission lists three or fewer total items and, to the knowledge of the person signing the statement after making reasonable inquiry, this submission is the first and the only submission under 35 U.S.C. 122(e) filed in the above-identified application by the party making the submission or by a party in privity with the party.

☐ This resubmission is being made responsive to a notification of non-compliance issued for an earlier filed third-party submission. The corrections in this resubmission are limited to addressing the non-compliance. As such, the party making this resubmission: (1) requests that the Office apply the previously-paid fee set forth in 37 CFR 1.290(f), or (2) states that no fee is required to accompany this resubmission as the undersigned is again making the fee exemption statement set forth in 37 CFR 1.290(g).

Signature	/Amanda M. Prose/		
Name/Print	Amanda M. Prose	Registration Number (if applicable)	72345
Examiner Signature	Date Considered		

*EXAMINER: Signature indicates all documents listed above have been considered, except for citations through which a line is drawn. Draw line through citation if not considered. Include a copy of this form with next communication to applicant. 1. If known, enter kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16. See MPEP 901.04(a). 2. Enter the country or patent office that issued the document, by two-letter code under WIPO standard ST.3. See MPEP 1851. 3. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 4. If known, enter the kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16. See MPEP 901.04(a). 5. Check mark indicates translation attached. 6. Check mark indicates evidence of publication attached.

Electronic Acknowledgement Receipt

EFSID:	47550239
Application Number:	17709126
International Application Number:	
Confirmation Number:	3367
Title of Invention:	DISPLAYING A SCENE TO A SUBJECT WHILE CAPTURING THE SUBJECT'S ACTING PERFORMANCE USING MULTIPLE SENSORS
First Named Inventor/Applicant Name:	Stephan Trojansky
Customer Number:	176294
Filer:	Amanda Morgan Prose
Filer Authorized By:	
Attorney Docket Number:	36651-51638/US
Receipt Date:	17-FEB-2023
Filing Date:	30-MAR-2022
Time Stamp:	10:29:07
Application Type:	

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Concise Description of Relevance	Concise-description-generated.pdf	32956 bcae66ea240f43b184bf9b1867d6fcd0bcb366	no	2

Warnings:

Information:					
2	Third-Party Submission Under 37 CFR 1.290	Third-party-preissuance-submission.pdf	52705 89673609686d287b5581ef0320e8186238e62359	no	2
Warnings:					
Information:					
3	Request for Notification of Non-compliant Third-Party Submission	Third-party-notification-request.pdf	23667 b 7d8a2740537c5b22beabcbff564d16acb796123	no	1
Warnings:					
Information:					
<p style="text-align: center;">Total Files Size (in bytes) 109328</p> <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p>New Applications Under 35 U.S.C. 111 If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgment Receipt will establish the filing date of the application.</p> <p>National Stage of an International Application under 35 U.S.C. 371 If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p>New International Application Filed with the USPTO as a Receiving Office If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 181 O), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/1 OS) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

17/709,126 - GAU: 2619

Doc Code:IDS.3P

Document Description: Third-Party Submission Under 37 CFR 1.290

PTO/SB/429(08-12)

Approved for use through 07/31/2015. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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THIRD-PARTY SUBMISSION UNDER 37 CFR 1.290	Application Number	17709126	<div style="border: 2px solid black; padding: 10px; text-align: center;"> EXHIBIT Ra </div>

U.S. PATENTS						
Cite No	Patent Number	Kind Code ¹	Issue Date (YYYY-MM-DD)	First Named Inventor		
1	11577177		2023-02-14	Matthew Guertin		
U.S. PATENT APPLICATION PUBLICATIONS						
Cite No	Publication Number	Kind Code ¹	Publication Date (YYYY-MM-DD)	First Named Inventor		
FOREIGN PATENTS AND PUBLISHED FOREIGN PATENT APPLICATIONS						
Cite No	Foreign Document Number ³	Country Code ²	Kind Code ¹	Publication Date (YYYY-MM-DD)	Applicant, Patentee or First Named Inventor	T ⁵
						<input type="checkbox"/>
NON-PATENT PUBLICATIONS (e.g., journal article, Office action)						
Cite No	Author (if any), title of the publication, page(s) being submitted, publication date, publisher (where available), place of publication (where available).				T ⁵	E ⁶

17/709,126 - GAU: 2619

THIRD-PARTY SUBMISSION UNDER 37 CFR 1.290	Application Number	17709126

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STATEMENTS

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This submission complies with the requirements of 35 U.S.C. 122(e) and 37 CFR 1.290.

☐ The fee set forth in 37 CFR 1.290(f) has been submitted herewith.

☒ The fee set forth in 37 CFR 1.290(f) is not required because this submission lists three or fewer total items and, to the knowledge of the person signing the statement after making reasonable inquiry, this submission is the first and the only submission under 35 U.S.C. 122(e) filed in the above-identified application by the party making the submission or by a party in privity with the party.

☐ This resubmission is being made responsive to a notification of non-compliance issued for an earlier filed third-party submission. The corrections in this resubmission are limited to addressing the non-compliance. As such, the party making this resubmission: (1) requests that the Office apply the previously-paid fee set forth in 37 CFR 1.290(f), or (2) states that no fee is required to accompany this resubmission as the undersigned is again making the fee exemption statement set forth in 37 CFR 1.290(g).

Signature	/Amanda M. Prose/		
Name/Print	Amanda M. Prose	Registration Number (if applicable)	72345

Examiner Signature	/ABDERRAHIM MEROUAN/	Date Considered	03/07/2023
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*EXAMINER: Signature indicates all documents listed above have been considered, except for citations through which a line is drawn. Draw line through citation if not considered. Include a copy of this form with next communication to applicant. 1. If known, enter kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16. See MPEP 901.04(a). 2. Enter the country or patent office that issued the document, by two-letter code under WIPO standard ST.3. See MPEP 1851. 3. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 4. If known, enter the kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16. See MPEP 901.04(a). 5. Check mark indicates translation attached. 6. Check mark indicates evidence of publication attached.

Electronic Acknowledgement Receipt

EXHIBIT
Ta

EFS ID:	47694230
Application Number:	18108858
International Application Number:	
Confirmation Number:	6872
Title of Invention:	Motorized rotatable treadmill and system for creating the illusion of movement
First Named Inventor/Applicant Name:	Matthew Guertin
Customer Number:	27367
Filer:	Amanda Morgan Prose/Megan Neumann
Filer Authorized By:	Amanda Morgan Prose
Attorney Docket Number:	G185.0001US2
Receipt Date:	16-MAR-2023
Filing Date:	13-FEB-2023
Time Stamp:	17:01:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no				
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	2023-03-16_IDS.pdf	74963 0fec2f70cd47b94ea8745993e4d673b7c9e3cb80	no	4
Warnings:					

Information:					
This is not an USPTO supplied IDS fillable form					
2	Non Patent Literature	Dimension_Named_Microsoft.pdf	257213 0bff00caec7006364dada5cd12523fbc104af c4f	no	3
Warnings:					
Information:					
3	Non Patent Literature	Microsoft_Stories.pdf	1625480 77ff933bb0867ed3be121716502477c41c3 875cb	no	7
Warnings:					
Information:					
Total Files Size (in bytes):			1957656		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

Receipt date: 03/16/2023

18/108,858 - GAU: 3711

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		18108858
Filing Date		2023-02-13
First Named Inventor	Matthew Guertin	
Art Unit		
Examiner Name		
Attorney Docket Number	G185.0001US2	

1	"Dimension named Microsoft Mixed Reality Partner to help others create cutting-edge digital experiences" Microsoft (2020) < https://news.microsoft.com/en-gb/2020/06/01/dimension-named-microsoft-mixed-reality-partner-to-help-others-create-cutting-edge-digital-experiences/#:~:text=No%20results-,Dimension%20named%20Microsoft%20Mixed%20Reality%20Partner%20to,create%20cutting%20edge%20digital%20experiences&text=A%20UK%20company%20that%20has,a%20Microsoft%20Mixed%20Reality%20Partner >	<input type="checkbox"/>
2	"Microsoft Stories podcast: episode 8 – Dimension Studio" (2020) < https://news.microsoft.com/en-gb/2020/12/17/microsoft-stories-podcast-episode-8-dimension-studio/ >	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

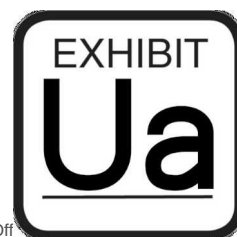
Examiner Signature	/KIEN T NGUYEN/	Date Considered	12/02/2023
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

EFS Web 2.1.18

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.T.N/



Division of Corporations - Filing

Delaware.gov

Governor | General Assembly | Courts | Elected Officials



Department of State: Division of Corporations

[Allowable](#) [Characters](#)[HOME](#)[View Search Results](#)

Entity Details

File Number:	6917475	Incorporation Date / Formation Date:	7/18/2022 (mm/dd/yyyy)
Entity Name:	INFINISET, INC.		
Entity Kind:	Corporation	Entity Type:	General
Residency:	Domestic	State:	State:
Status:	Good Standing	Status Date:	3/26/2023

[REGISTERED AGENT INFORMATION](#)

Name:	CORPORATION SERVICE COMPANY		
Address:	251 LITTLE FALLS DRIVE		
City:	WILMINGTON	County:	New Castle
State:	DE	Postal Code:	19808
Phone:	302-636-5401		

[site map](#) | [privacy](#) | [about this site](#) | [contact us](#) | [translate](#) | [delaware.gov](#)<https://icis.corp.delaware.gov/Ecorp/EntitySearch/EntitySearchStatus.aspx?i=6917475&d=n>



FEDERAL BUREAU OF INVESTIGATION

Victim Information

Name: Matthew Guertin

Are you reporting on behalf of a business?

Business Name:

Is the incident currently impacting business operations?

Age: 40-49

Address: 5832 Lincoln Dr Suite 222

Address (continued):

Suite/Apt./Mail Stop:

City: Edina

County: Hennepin

Country: United States of America

State: Minnesota

Zip Code/Route: 55436

Phone Number: [REDACTED]

Email Address: [REDACTED]

Business IT POC, if applicable: Other Business POC, if applicable:



Description of Incident

Provide a description of the incident and how you were victimized. Provide information not captured elsewhere in this complaint form.

Hello,

I emailed the CEO of Mark Roberts Motion Control last fall to get information about their robotic cameras after attending a local workshop in Minneapolis which showcased their 'Bolt Cinecam' robotic camera. My reason for emailing him was in regards to what at the time was my pending patent application but which has since been granted - US Patent 11,577,177

There was a 3 week span of time (approx) between my initial email and when I finally got a direct reply from Assaff Rawner (CEO of MrMoCo.com) at which point he pointed me to www.PhotoRobot.com/robots/catwalk as an example of something that already existed and was similar to my patent.

Long story short ALL of it is entirely generated by AI - This includes all of their youtube videos (3 of which are listed as prior art on my patent - 1 of which they already deleted - but I have saved) as well as all of their false history they fraudulently added to the internet archive (which I have tons of PDF screenshots including a 'real-time' capture of the fraudulent activity which consists of two pdf

screen captures only five minutes apart in which I caught the total archive count going from 45 to 47 and you can clearly see additional date bars being added at the end of 2021 (fraudulent backdating to create a false history)

This fraud spans multiple websites - all of which are being used as references for one another to create a false history that makes it appear they were already practicing that which is contained within my patent for the purpose of stealing it ultimately.

Mark Roberts Motion Control is partnered with Microsoft and Dimension Studios. I would guess all of the AI generated images and videos are Microsoft's handy work. By adjusting the color curves for their website images, PDF product brochures, and all of their various videos I have come up with a method that is able to clearly demonstrate beyond any reasonable doubt that all of it is AI generated - this would include videos which were supposedly uploaded to YouTube in 2012...which presents an obvious issue - As in either AI has been around a lot longer than we've been lead to believe or YouTube as well as Vimeo and other sites (including the internet archive) are allowing the fraudsters to have free reign as far as adding fraudulent backdated content for the purpose of establishing a false history. I have been documenting all of this with multiple attorneys so there is plenty of additional supporting evidence to back up all of my claims.

One other thing worth mentioning is that they forgot to flatten and simplify all of their AI generated PDF catalogs and brochures - meaning all of the layers are exposed and editable if you open it up in Adobe Illustrator. Simply zooming in though to pretty much any of the products or images in their PDF's will make it very obvious that all of it was generated by AI.

My reason for finally deciding to report this stuff 'officially' after some months is that I just established the 'color curve' method which I was able to use to process all of their website images as well as their YouTube videos (I have thousands of full html webpage saves downloaded from the internet archive spanning 201a-current and multiple websites...ALL AI GENERATED FRAUD). The companies, the products, the websites, etc I believe are an entire AI fabrication even though I am sure they have enough know-how and resources to make them appear real from the outside. None of that should matter though since I was able to catch everything so early. I should also mention that I just downloaded the 2 out of 3 videos listed on my patent still on their youtube page a couple days ago and can confirm all of the artifacts you see in the PDF's and videos I analyzed were still present.

Here is a link which proves all of my claims (there is plenty more supporting documents) -

Here is a link directly to their YouTube videos I analyzed which shows AI generation clear as day -

What I want is simple -

I do not want my first ever patent stolen by a giant corporation (or anyone for that matter..) by way of fraud.

I have dedicated the last two years+ solely to my patent, as well as engineering, designing, and fabricating a working prototype which I am about to release my first demo video for and which will also serve as the 'official' launch of my company InfiniSet, Inc.

In addition to the last two years I have also dedicated a huge portion of my life learning and gaining as much knowledge as possible which is the reason I am able to not only come up with a very valuable idea but also able to design, engineer, and fabricate the exact design you see in my patent all on my own without any college degrees or formal education. I learned everything by busting my ass and I REFUSE TO LET ANYONE STEAL WHAT I HAVE WORKED SO HARD TO BRING TO FRUITION - this would include a giant corporation like Microsoft running rampant with their new AI toys (while apparently being given free reign by YouTube, Vimeo, Internet Archive, etc to post whatever backdated and fraudulent internet history they feel like having their AI generate)

Here is my personal portfolio website which very clearly shows how much hard work I have put fourth prior to arriving at this current point in time
www.MattGuertin.com

I want all of these fraudulent, AI generated websites/ companies/ products to be 'officially' recognized as the fraud they are so that I can continue forward with my venture without having to worry about Microsoft/ Mark Roberts Motion Control or any other giant corporation coming after me and trying to invalidate my patent using their fraudulently produced internet history.

If they want that which I have patented so badly they can pay me for it. I'm pretty sure that's how it's supposed to work....I'm also pretty sure they have plenty of financial resources to be able to do so which just makes their attempted theft of my intellectual property that much more pathetic.

That is all.

Thank you for your time,

Matthew Guertin
InfiniSet, Inc.

Information About The Subject(s) Who Victimized You

Name:	Assaff Rawner
Business Name:	Mark Roberts Motion Control
Address:	
Address (continued):	
Suite/Apt./Mail Stop:	
City:	
Country:	United Kingdom
State:	
Zip Code/Route:	
Phone Number:	1441342838007
Email Address:	Assaff@MrMoCo.com
Website:	https://www.MrMoCo.com
IP Address:	

Name: Bill Gates
 Business Name: Microsoft
 Address:
 Address (continued):
 Suite/Apt./Mail Stop:
 City: Seattle
 Country: United States of America
 State: Washington
 Zip Code/Route:
 Phone Number:
 Email Address:
 Website: <https://www.microsoft.com>
 IP Address:

Other Information

If an email was used in this incident, please provide a copy of the entire email including full email headers.

All emails and headers are included in the files I shared which are here -

Are there any other witnesses or victims to this incident?

Yes.

I have been documenting all of this since the original email with various attorneys and there is a very long digital 'paper trail' which includes emails, digital files, etc. I have thousands of full html pages downloaded directly from the Internet Archive spanning multiple websites - All of which are being used as supporting references to one another for the purpose of establishing a false history.

All digital evidence I collected has been distributed to multiple third parties for safe keeping including disks which have remained untouched since December of 2022

If you have reported this incident to other law enforcement or government agencies, please provide the name, phone number, email, date reported, report number, etc.

Minnetonka, MN Police Department
 Case # 23-000151

Prior to filing the police report I approached the FBI at their building located in Brooklyn Center, MN but was hung up on after telling the person who answered the phone that it involved wire fraud to which he replied "Do you have proof of someone wiring money" to which I replied I did not. Apparently the person who answered doesn't know the definition of wire fraud.

I also spoke to a Secret Service Agent in Chicago for 24 minutes the Sunday before Martin Luther King Jr Day after calling the Minneapolis field office and being bounced to Chicago. He agreed that I was 100% correct in my assertions about Wire Fraud and Conspiracy based on what I told him. I also gave him the Minnetonka PD case# but never heard anything back or had any follow up.

There is a possibility however that I wasn't even talking to an actual Secret Service agent as I started having all sorts of weird things happen with my phone as well as computers as the culprits

pulling off the fraud were very aware that I was downloading and collecting tons of stuff and so they started hacking into my devices and very well could've been spoofing / intercepting my calls by way of a Stingray or other similar advanced cellular interception devices.

Fun times

Check here if this an update to a previously filed complaint: ☐

Who Filed the Complaint

Were you the victim in the incident described above? Yes

Name:

Business Name:

Phone Number:

Email Address:

Digital Signature

By digitally signing this document, I affirm that the information I provided is true and accurate to the best of my knowledge. I understand that providing false information could make me subject to fine, imprisonment, or both. (Title 18, U.S.Code, Section 1001)

Digital Signature: Matthew D Guertin

Thank you. Your complaint was submitted to the IC3. Please save or print a copy of your complaint before closing this window. ***This is the only time you will have to make a copy of your complaint.***

MINNESOTA
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