

SCOTT'S RESUME AND ACCOMPLISHMENT HIGHLIGHTS

Skill Level: Senior Level; C-Level, VP, and Director level.

Skill Types: CEO, COO, CTO, Operations, Product Development, Marketing, Strategic Innovation Development, Futurist, Trends Analyst, Tactician, Digital Publishing Director, Human Factors Expert, Art Director/Creative Director

Overview: Applicant has top experience, quantified tier-1 productivity, multiple start-up exits, market-winning inventions and spot-on projection/trend accuracy analysis metrics. Multiple seminal patents, industry awards and extensive reference letters, from renown entities, support applicant's track record. Proven ability to visualize, architect and deliver cutting-edge products and project management. Expert ability to see all of the contingencies and deliver results that tangibly enhance the way people experience their world. Applicant enjoys projects that are challenging and can offer a paradigm-shift improvement in global processes.

Specialties: Large or complex projects with global impact. Applicant designs and delivers novel cutting-edge technologies as products and services. Delivering value for clients and investors/

Sections-

Highlights

Case Studies

Past Affiliations & Memberships

Patents

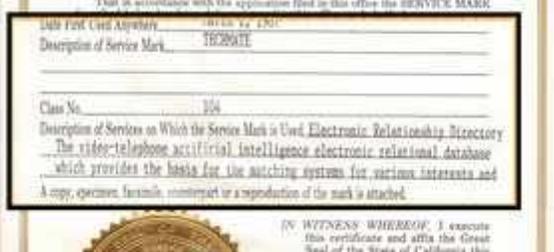
Awards

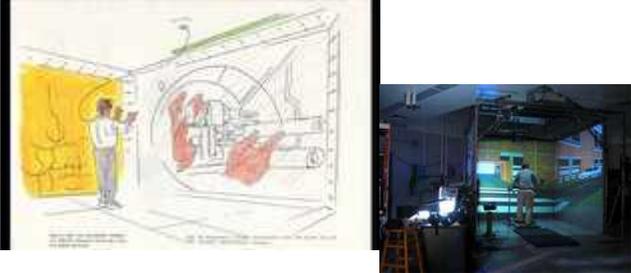
Public Services

References

HIGHLIGHTS:

 The image shows two official documents. The top one is a White House proclamation dated April 29, 1993, with the President's seal. The bottom one is a Senate credential dated January 12, 1999, also with the President's seal. Both documents are partially obscured by a white box.	<p><i>Recipient of multiple Mayoral, White House, Corporate Client, Agency Client and Senate proclamations and credentials for innovation, public service and productivity</i></p>
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	<p>Developer, designer, patent winner, engineer of the first integrated virtual reality system including VR Glasses, Cyberchair interactive furniture, tactile shape-shifting wall and the over-all construct which was later known as “The VR Cave” and featured in the TV Show Star Trek as “The Holodeck”. Sold multiple units and licenses. Featured in Autodesk literature, industry publications, books and retail news</p>
	<p>Co-founder, producer of 200,000+ person rapid deployment temporary city, delivered multiple consecutive years, built on over 1.8 million square feet of public land annually in association with major corporate sponsors and community service groups</p>
	<p>Development, launch and public marketing of one of the first operating online social web GUI networks (if not the first) Google, Facebook or Yahoo with all of the functionality of Google, Facebook or Yahoo years before before Google, Facebook or Yahoo were formed.</p>
	<p>Operator of the first online global video broadcast consumer service in 1986 via TechMate™ and then as ClickMovie (per State & Federal) filings (years before YouTube, Netflix Online or Hulu were formed)</p>
	<p>Winner of “Scientists Helping America” commendation from DARPA</p>

	<p><i>Developed, patent-awarded and built multiple wireless device power transceiver systems</i></p>
	<p><i>Received multiple patents for building the first extrusive 3D synthetic-touch tactile surface technology for virtual, tele-present and augmented reality tactical mission simulators and remote action centers</i></p>
 <p>ELECTRONIC PROPULSION TECHNOLOGY PROJECTS</p> <p>Electronic Microthruster Energy Beam Propulsion We designed, built and patented the first known massed array electronic propulsion ASIC chip system known as the Microthruster. It makes things fly on a beam of energy. We are credited by the U.S. Government with developing...</p>	<p><i>Developed, built and patented electronic propulsion technology which superseded NASA patent per the U.S. Patent Office. Now in use in orbit around Earth</i></p>
	<p><i>Developed multiple wireless social networking technologies now in use by industry globally</i></p>
	<p><i>Developer and Director of one of the first patented, lightest weight, lowest cost-to-manufacture, safest electric car technologies</i></p>

	<p>Founder of America's leading green housing venture. Featured in Dwell, Better Homes & Gardens and on Discovery Home Channel.</p>
	<p>Keynote speaker: TechTextile material science convention, Las Vegas</p>
	<p>Associate speaker: National Education Conference- Chicago</p>
	<p>Developed community major events facilities and logistics for Fort Mason Center's multi-million dollar rehabilitation effort in cooperation with the National Park Service across the largest public venues in San Francisco. Broke National Park Service attendance records</p>
	<p>Keynote speaker: Global Summit for Project Innovation National Convention</p>
	<p>Awarded top grant by U.S. Congress in the Iraq War Bill Listed in the Federal Register. Fully completed contract with U.S. Government and assisted in federal program clean-up which set numerous national precedents</p>



Developed **The NowHouse** national home construction technology showcase home at the **San Francisco Giant's Stadium**. Toured by visitors from around the world and visited online by millions of the public. Built for **The City of San Francisco, National Association of Home Builders, CNET** and various charities. Moved by barge, later, to become the **Alice Griffith Community Center**. Participating consultant in follow-on TV series on **Discovery Home Channel** with **Better Homes & Gardens**. \$2M+ home constructed in 35 days.



Law enforcement consultant to Congressional and Task Force efforts and developer of some of the most effective anti-corruption technologies in the last decade



Facility manager: **Showplace Square** commercial design and architectural resources center as personal manager to founder, **Henry Adams**



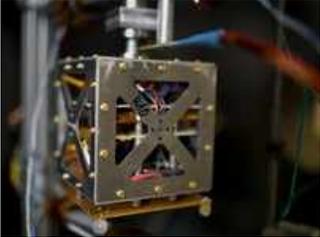
Executive director: **The Family Foundation**. Benefiting child, animal, medical and social programs



Winner, national award for best digital Producer/Director from **3D Design Magazine** for the first 3D theme park photo-real special effects action ride-film produced entirely via PC computers

	<p>Producer/founder: Footstock; Bay To Breakers Finale section for world's largest race 200,000+ person events including the last major outdoor stadium concert by Ray Charles</p>
	<p>Logistics director: San Francisco Blues Festival; in association with The National Park Service for America's longest run public heritage event of its kind</p>
	<p>Designer & patent-awarded winner of the first end-to-end fuel cell energy system, now an industry standard. Built in cooperation with the U.S. Government</p>
	<p>Developed and designed the first touring, motion- based, portable theme park, PC-based, interactive video attraction for the national stadium NFL Network Tour for MCI and FOX Sports</p>
	<p>Developed, launched & patented first global low- bandwidth, DVD-quality internet broadcasting network and delivered the system and multiple working software packages prior to any other online video system of it's kind. Web products and sites included: ClickMovie.com, Personal Producer, The Trailer Park and others</p>
	<p>First to develop, patent and demo peer-to-peer and particulated file media delivery. A global standard for large file delivery as shown in United States patent filings, federal records, filed records, industry reports and other documented proofs of invention. (See Firechat, Napster, Bittorrent, Kontiki, Vudu, MS Avalanche, etc.)</p>

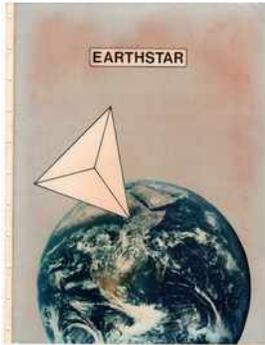
	<p>Patent awarded as “First Developer” of cell phone P2P Ad hoc multi-antenna/modem networking. Used in refugee and disaster relief crisis centers. Supported by Steve Jobs, The United Nations, Red Cross. Used in Japanese Tsunami disaster</p>
	<p>First to develop, demo and patent mobile media device PDA form factor and architecture and to demonstrate VOD on HP IPAQ PDA. This technology beat the Apple iPhone by 3 years prior IP filings per signed NDA's and USPTO federal filings</p>
	<p>First to design, build and win original-inventor patent on crash-resistant foam body, low-cost-to-manufacture, ultra-long-range electric vehicles</p>
	<p>Recipient of hundreds of letters of reference and acclaim (as shown in the attached links) from industry and government leaders (Multiple administrations), Mayors (multiple administrations), Fortune 1000 leaders, Government Agency heads, Community organization executives State assemblies and many more</p>
	<p>First to invent, patent-file and show iPhone™ and/or smartphone wearable VR headset integrating iPhone™ into goggles as the display and position sensor</p>
	<p>First to present Internet VOD to the largest film studios in Hollywood. Designed web video on demand system for one of the largest Hollywood Studios. Featured by name in contracts and studio</p>

	<p><i>federal patent wrappers as source of invention</i></p>
	<p><i>Created one of the first online “design-to-build” web technologies for modern home design and construction for consumer home building use on the internet</i></p>
	<p><i>Logistics director for American national public heritage events program in cooperation with The National Park Service</i></p>
	<p><i>Developer, designer, patent winner, engineer of wireless power and ion propulsion technology, now in use globally in the aerospace industry as key satellite technology</i></p>
	<p><i>Developer, designer, patent winner, engineer for the first VR and computer-as-wearable-glasses product and consultant for Oliver Stone’s Wild Palms project</i></p>
	<p><i>Producer, designer for the world’s first 360 degree multi-axis rotation full-immersion flight & movement simulator powered entirely by a PC. Sold globally</i></p>
	<p><i>Developer, designer, patent winner, engineer, founder operating online social media companies with state and federal registration documentation as early as 1976</i></p>

	<p><i>Developer, designer, patent winner, Engineer and first filing, as confirmed by federal government, for hand-held, color, touch-screen MP3 player/smartphone. Prior to any internal documentation effort by Apple on the iPhone.</i></p>
	<p><i>Producer, designer, engineer of the world's first, and largest, urban electro-optic broadcast multi-media event. Viewed by nearly 8 million participants & broadcast on radio & TV</i></p>
	<p><i>Initiative sponsor and originator co-author: THE USA JOBS ACT, which was signed into federal law to legally allow SEC approved "Crowd-Funding" technologies</i></p>
	<p><i>Initiative sponsor for multiple national legal precedents which have improved the public law process and created new domestic legal standards in support of the public interest</i></p>
	<p><i>Advisory resource to multiple White House Administrations under multiple political parties with a fully bi-partisan track-record</i></p>
	<p><i>Producer, developer of multi-million person social media, publishing and information gathering networking programs for peer-to-peer and crowd-amplified productivity</i></p>



Producer/Director for multiple rapid-construction pre-fabrication integrated structures and habitats. Advisor for disaster recovery habitation using post-event debris recovery



Producer/Designer of the first terrestrial visibility promotional satellite. In conjunction with **Space Vector Corporation**, the first commercial space venture. An inflatable mylar-type pyramid as large as a skyscraper, that unfolds in space and fits inside a standard payload bay. It reflects the sun as it spins around the Earth for a week and then self-destructs in atmospheric burn. An FM radio beacon greets every city in their regional language. Designed as a good-will project with a major corporate sponsor. (1980)



Producer/Designer: **Beacon 7**, Inflatable atmospheric internet reflectors for regional peer-to-peer mesh network web deployment using patent-issued technology by Applicant. Supported by radio controlled hobby-size gliders (1999)



Featured in both **Popular Mechanics** and **Popular Science**



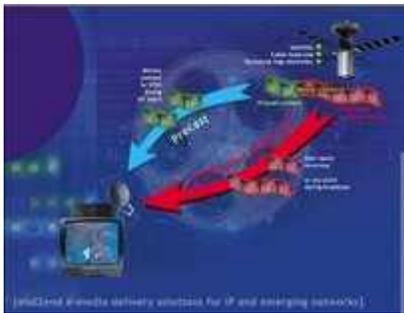
Developer of first 3D VR interactive web browser with video embeds. Created prior to the deployment of VRML. Deployed on Windows 3.. Demonstrated to **Apple**, at Apple HQ, prior to the deployment of **QuickTime VR**.



Designer, builder and Team Lead for hundreds of complex technical builds for prototypes, first-unit approval models and factory-manufacturing rolling iteration commercialization units that were industry firsts and/or set industry standards. Fully capable of running a complete CRM/CAD/CAM/Stereolith/Sintering Fab Center



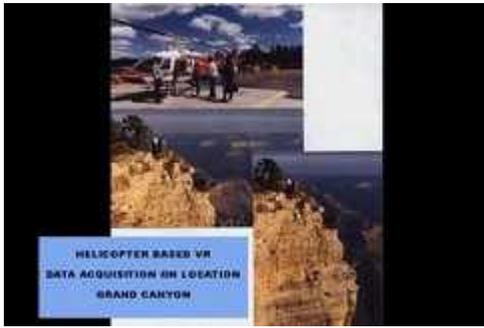
Applicant has top standing and highly effective historical records with high metrics with the United States Patent Office



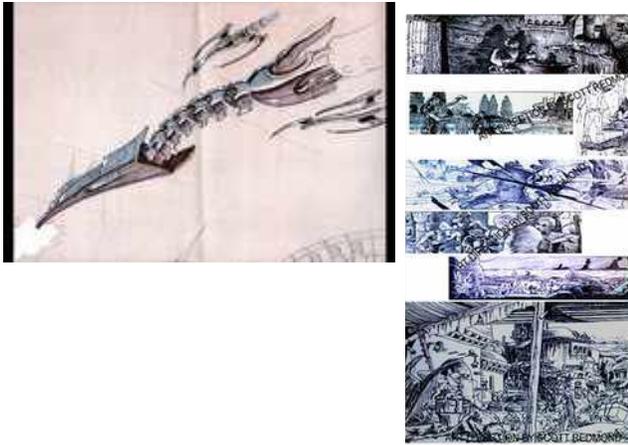
Developer of one of the most efficient satellite media distribution technologies as documented under signed NDA records and U.S. Patent Office records



Applicant's Mars lander technology approach was first rejected by NASA but later turned out to be the only technology which would work and which, in fact, did successfully land the Mars Rover on Mars



Producer/Art Director of the first virtual reality bunji jump into the Grand Canyon created by filming HD scans of the actual Grand Canyon from a geodata-positioned helicopter hovering on a virtual column in the center of the Grand Canyon



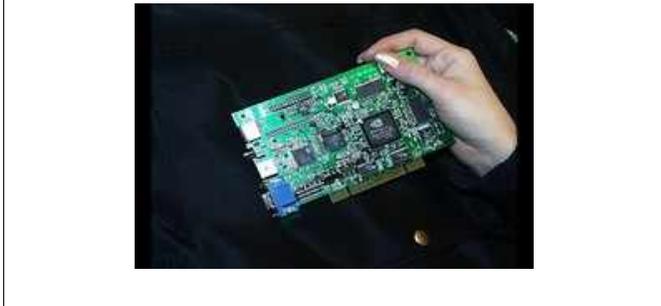
*Applicant has been the Art Director for over 1000 pieces of concept art for clients. Applicant directs artists from **Marvel Comics, LucasFilm, Disney** and top line-art publishers. Applicant uses the art to show clients the target content goal in order to create team-effort concept alignment.*



Applicant has developed multiple complex digital and motion-based mini theme park systems for location-based-entertainment programs



*Consultant/Subject in the Discovery Home Channel TV series **Building America's Home***

	<p>Creator, Designer, Builder: The CyberChair. World's first interactive networked furniture</p>
	<p>Creator, Designer, Project Director of the first full-color, mobile, Glasses VR/Augmented Reality Glasses</p>
	<p>Designer, Project Lead for First Toyota Prius with hot-swap hydrogen energy range extension upgrade for U.S. Department of Energy project using patent-issued novel energy storage technology</p>
	<p>Produced the partnership with NVIDIA to build the first set-top-box-on-a-PC-Card. This PC card was the first of it's kind, according to NVIDIA and provided the complete functionality, and more, of any other STB at the time</p>

Additional highlight samples available on request

CASE STUDIES:

CASE STUDY HIGHLIGHT – Energy Technology

In May, 2005, applicant's team received, in recognition from the Congress of the United States in its Iraq War Bill, a commendation and federal grant, issued by the U.S. Government, for \$2M+ in cash and additional resources for the development of novel and record-breaking fuel cell and energy storage technology invented by applicant, to be used in connection with the research and development of an electric car for the Department of Defense and the American retail automotive market to create domestic jobs, enhance national security and provide a domestic energy solution derived entirely from domestic fuel sources. The team had been invited into the program by U.S. Senate and Agency officials with the request that the team *"help their country in a time of need.."*. The team executed a contract with the U.S. Government and fully delivered on the engagement. The project had formed a spin-out that was incorporated in 2002 and began working with federal labs at that time. Applicant won key federal patents, Congressional commendation in the Iraq War Bill, a government grant and national acclaim. Applicant used venture capital funds, The team's personal funds, and a US. Department of Energy grant to develop a working version of a organic fuel cassette storage and distribution system that can power every vehicle in America entirely from domestic resources. One venture capital investor made a substantial return on its investment when it cashed out in 2006. The team's fuel cassette prototype has been tested and verified by Sandia Labs and other partners, and has been delivered to the market globally, and has nearly a hundred emulators in the market. Sandia research documents industry metrics, billions of dollars of university research, operational units in the field, and, duplicated products validate applicant's team's technologies. Third party reports demonstrate superior performance to traditional energy storage and retrieval devices. Sandia determined that applicant's fuel cartridge, the same size and weight of a Lithium ion battery, holds substantially more energy than the Li-ion battery. As the Middle East has fallen away from the West, a plight foreseen by some members of Congress per the Iraq War Bill award to applicant, offshore fuels have become a severe threat to domestic security. Lithium ion battery sources have been shown by federal reports and extensive media coverage to be self-explosive, toxic, cancer-causing, factory worker killing, liver-damaging, brain-damaging, lung-damaging, fire-causing, foreign conflict-causing, plane-crashing chemical systems, which deteriorate

over time. Toyota's, KIA's, Honda's, Hyundai's, True Zero's and other major brands' have now invested billions into this effort. With Congressional commendations in national War bills, Federally mandated grants, and historical Federally confirmed U.S. patent issuances, this program made industry history.

CASE STUDY HIGHLIGHT – Venture Solutions & Incubator Operations

Applicant has worked as a senior advisor to development funds since 1976. All inventions first developed by applicant were then rolled out as separate ventures by Clients to seek to sell the services or products.

CASE STUDY HIGHLIGHT – Collaborative Visualization, Gaming & VR technologies

Applicant helped form one of the first Virtual Reality spin-outs in 1990. It was sold to an investment Group. Applicant developed, manufactured, and sold a variety of virtual reality devices including what at the time was the smallest wearable computer display, delivered as a pair of glasses, and the first 360 degree personal computer-based gyroscopic flight simulator. These devices were sold to Spectrum Holobyte, Battelle, U.S. Navy, Edison Brothers, FOX Network, MCI, and other major entities, and are used globally in defense and entertainment applications. These devices were based on several of The team's issued patents. The team has continued their work in VR and visualization technology up to today as a consultant and product designer, and filed a U.S. Patent for "*Clip-on appliance suite for PDA or cellphone*" on the first use of a smart phone as a VR headset and marketed by America Invents. Applicant is featured on a special segment of E! Entertainment News Network, broadcast globally, describing their consulting work for Oliver Stone's virtual reality video feature film series: "*Wild Palms*". Applicant designed, engineered, built and received the U.S. Government patents acknowledging him as the seminal inventor of the device now known as "The HoloDeck" (as seen on the popular TV series) , also known as: "The VR Cave", "The VR Chamber" and "The Immersion Virtual Reality Room."

CASE STUDY HIGHLIGHT – Aerospace Systems

Applicant has helped launch two aerospace companies. Applicant received a U.S. Patent on the technology known as the “microthruster” in its small format design and called the “EM-Drive” in its large-format design. This propulsion technology uses electronic ion-streams to push objects along their path of travel as a transportation propulsion engine. Microthrusters are now in use on multiple NASA, DoD and Telco spacecraft in outer space and on numerous devices on Earth. PFS overcame NASA patent prior art on the same technology when The team demonstrated for the U.S. Patent Office a steerable 4-foot diameter, entirely electric beam lifted ion-propulsion craft flying, for U.S. Patent Office reviewers and validated in front of Intel's lead patent officers (Referred to applicant by Andy Grove, the founder of Intel) . The team's have launched their crafts to the edge of space and back. The technology allows something as simple as a weather balloon with a layered pop-proof polymer skin and internal filament tension cords, to go beyond the buoyancy point, where other balloons simply “stop or pop”, and enter outer space to carry a micro satellite. PFS specialized in lighter-than-air launch vehicles, particularly for global communications enhancement.

CASE STUDY HIGHLIGHT – Telecommunications and Network Technologies

Applicant managed the team that developed the first emergency smart-phone applications. The team delivered software that offers billions of dollars in savings by replacing the current system of server racks and cell towers employed by wireless network carriers. The technology is based on the technology described in the USPTO filings for "Mesh Based Network Architecture". Applicant solved the problems that have prevented other wireless mesh companies from achieving commercial success. Applicant's team released a set of the technology, with the help of Steve Jobs at Apple before his death, as an emergency communications tool for the Japanese Tsunami. Apple distributed it on the Apple App and emailed the The team stating it was the fastest App-to-market cycle in Apple history at the time due to the **life-saving potential of the App**. Concurrent with the release of that App, the country of Tunisia was having a democracy uprising and began using the App for its critical-needs social effort. Egypt followed with the use of the App, and the App was renamed DEMOCRI-C (TM) and had become the first peer-to-peer mesh network emergency communicability App in the world. This P2P

technology is now embedded in Qualcomm chips, carried in 80% of mobile devices, and per (<http://p2p-internet.weebly.com>) is the basis for the new global Internet. DEMOCRI-C had no "back-doors" built into it. It was provided free to groups associated with the International Red Cross, Amnesty, Human Rights Watch and United Nations related organizations. A later version is now in distribution on all three of the major App stores, globally. Additional Apps created by applicant include the first anti-corruption app on all three major platforms, the first hand-held video on demand store and over 20 other apps for mobile devices.

CASE STUDY HIGHLIGHT – Vehicle and Transportation Technologies

Applicant has been advising electric vehicle start-ups from from 2002 forward and holds the U.S. issued patent on a complete crash-resistant electric vehicle. Applicant has constructed automobiles from scratch and produced numerous engineering, design and factory development work products.

CASE STUDY HIGHLIGHT – Construction Technologies

Applicant developed a venture which became the designer and builder of environmentally responsible, energy efficient, prefabricated homes. Dwell Magazine co-sponsored the national launch of the company. Applicant founded the company, was the initial investor, and hired all other members of the company. A large number of modern, efficient homes have been designed with the majority currently in residential use. Better Homes and Gardens featured applicant's venture in their Discovery Channel educational television series called: "**Building America's Home**". Applicant sold the venture to an investment group. The designs and methods currently in use by the venture are based on applicant inventions. Applicant produced and developed the San Francisco Giant's SBC Park showcase home. It was a well-known green demonstration home produced and created by applicant's team, dubbed "The NowHouse" in October 2004. The team developed ways to use debris wood from the Japanese Tsunami recovery as shown on network television. The NowHouse was subsequently donated to the City and County of San Francisco and is currently in use as the Bay View Hunters Point Alice Griffith Community Center. The entire \$2M+ two-story home was picked up by house movers, placed on a barge, sailed down San Francisco Bay and relocated to it's new location as a single structure.

FabModern was an on-line design portfolio of The team's green home designs and personal building site. The team filed 3 patents for digitally networked "Smart Homes" and built the most visible "Smart Digital Home" in the world, at the time.

CASE STUDY HIGHLIGHT – Social Networks and Search Engine Technologies

In 1976 Applicant created the Symphony Light Network for the 1978 Bay Area wide transcast of the **Lights** concerts. **Unifree** was created by applicant in San Francisco in 1990 to expand on this social network. The team received a White House letter from the Vice President for their work in this area. Work has continued and patents have continued to issue up to today. UNIFREE was launched on the web and operated as an on-line search engine. Previously filed patents and Federal records prove pre-existence of the technology, company, and website by the team prior to the existence of Google. As the name implies, it was a collection of UNIVERSALLY FREE on-line services such as mail, video, search, social networking, messaging, VOIP, etc., UNIVERSALLY available for the world population and integrated across a common front end. Unifree was a website which, exactly like the later "Google", offered all of the free on-line services that Google offers today, with a particular emphasis on on-line media. The United States Patent Office Trademark filings and records describe the free online services center in a manner that many observers feel describes the LATER creation of Google. The State of California confirms that UNIFREE LLC existed with a California Entity Number as of 11/12/1997. The public interest ranking algorithm that The team created to automatically determine which links to services would be ranked above others on the home page, was called "mombot" (tm). It was a robotic formula that acted as the Internet mom for your web experiences, just as Google does today. Unifree was fully operational on the World Wide_Web far longer than Google has existed. In 1998 the team executed a Non-Disclosure Business Partnership development agreement with Yahoo, Inc. for Unifree, and engaged in numerous time-stamped email communications with funding inquiries and fishing expedition inquiries from Google venture capital investors. The team was featured on a nationally broadcast hour-long TV program discussing the technology. The name Google was formally incorporated on September 4, 1998 at girlfriend Susan Wojcicki's apartment in Menlo Park, California. The first known graphics-capable social network sold in the market. Techmate was the first to use modem based picture phones, computers, faxes and both analog and digital communications lines.

Techmate worked with Henry Dakin and the Washington Street Institute on human interaction projects and Russian/American relations improvement efforts. Techmate was featured in national display advertising and had a large subscriber base years before Google or Facebook even existed. For a number of years, the U.S. Patent Office has been reviewing a patent award submission by the team. The internet engine was deployed as the TECHMATE (tm) social network long before the Google or Facebook founders had even met each other. Techmate was advertised in Bay Area newspaper display advertising and certified by the State of California in filed public records with the Secretary of State on March 1, 1987.

CASE STUDY HIGHLIGHT – Regulatory and Public Policy Administration

A Task-force of some of the most effective law enforcement, public policy and community groups in the world. Code Red has delivered programs and cases that have had some of the most potent positive effects on public policy in recent history. Criminal case file preparation, public interest litigation, publication resources donations, transparency workshops and intelligence fusion join up with voter alliances to deliver positive and long-term productivity. Responsible for one of the largest Congressional public/private anti-corruption interdiction efforts in U.S. history.

Applicant personally established multiple national law precedents and set new legal standards for public interest human rights and voter rights standards. Applicant participated in the development and promotion of the historical national JOBS ACT which created SEC standards for Crowd-funding.

Applicant is the first person, in U.S. Court records, to have received a federal pronouncement confirming that his technical team was "targeted" by public employees within a former portion of the U.S. Government. Congressional and agency resources have now interdicted those bad actors.

CASE STUDY HIGHLIGHT – Media-over-web technologies

Applicant's internet video-on-demand projects and companies existed years before YouTube, Vudu,

Hulu, Bittorrent, Napster, Netflix Streaming and all known dominant web-VOD players even existed. Its patents pre-date the formation of YouTube by many years. A half hour broadcast television show on the TV series Silicon Valley Business Report and the vast number of articles, Consumer Electronic Show (CES) presentations and letters documents Clickmovie. It was the world's first public full-screen video store, online media channel and self-media distribution outlet. It is fair to say that The team's idea of delivering all media over the internet has been verified as a workable idea by every company that touches the internet including Akamai, Netflix, Bittorrent, Vudu, Hulu, and tens of thousands of others. As hundreds of documents prove, Sony Pictures engaged in extensive contracts, public announcements, meetings, deployments, letters, emails, airplane flights, board and corporate meetings with The team (even mentioning The team by name, as their source of inspiration, in Sony's Federal patent filings, which were sold to Dish Network by Sony) to have its first internet video-on-demand hardware and software developed by The team. "Clickmovie" and the movie trailer site "Trailer Park" and dozens of App's produced by The team were the first of their kind in the market.

INDUSTRY ACCLAIM:

His projects, for his clients and employers, have been acclaimed in industrial media globally, including:



Past Affiliations and Memberships:

Affiliated with several professional organizations reflecting a broad range of expertise. Key memberships have included: National Computer Graphics Association; Society for Information

Display; Optical Society of America; American Society for Industrial Security; American Institute of Physics; Illuminating Engineering Society of North America; American Film Institute; Association for Computing Machinery – SIGGRAPH/SIGCHI; International Society for Arts, Science and Technology; Society for Manufacturing Engineers; American Society for Testing Materials, International Themed Entertainment Association; International Interactive Communications Society; Media Communications Association; National Computer Graphics Association; Association Internationale du Film D`Animation; Washington Research Institute; National Association of Exhibit Manager, Golden Gate National Recreation Area, Fort Mason Foundation; State of California-Dept. of Consumer Affairs; High Power Laser Systems – USDA; San Francisco Symphony Foundation; and many more...

TOP FEDERAL PATENT AND INNOVATION FIRSTS AND INVENTOR-OF-RECORD:

Applicant has won key patent awards for clients, investors and employers.



Some patents have been sold to investment and development groups. Every product was, initially, reduced to practice and offered to the commercial, or retail, market. Applicant is the original developer of the systems and technologies. All products are now in use, globally, by many users, who have found value in them. Each product was designed, engineered, built and demonstrated by Applicant. In some cases, clients started entire companies based around some of the patents. Most of the patents are considered seminal, in that no record of any other party developing that technology, prior, has been found by government researchers. Applicant was shown to be the original Developer, practising entity and first-to-market.

His technology was so effective, that one competing entity spent over \$15M running tabloid attacks to try to shut his team down. Not only did the attack not work, but the attackers found themselves under

federal investigation for their troubles and were forced to begin bankruptcy proceedings. Applicant is fully committed to protecting his Client's and Investors technology investments.



PARTIAL LIST OF PATENT AWARDS:



Peer To Peer Mesh Internet Video, Audio Mesh Internet Data Distribution.

System and methods for providing load balanced secure media content and data delivery in a distributed internet environment. Now known as Torrents, Avalanches, File spraying, P2P and particulated data streaming. Uses: first functional method for transporting movies, music, large data over internet. Saves space, money & infrastructure build-out.



Fuel Cell Energy Production, Storage & Distribution.

Hydrogen storage, distribution, and recovery system using any of thousands of organic compounds in instant-recharge configuration. Uses: Provides energy production, storage and distribution from any renewable organic material including water. Safe, non-toxic, long lasting. Can be acquired from within domestic borders.



Peer To Peer Mesh Internet Video, Audio Mesh Internet Data Distribution Mobile Hardware.

Mobile multi-network communications phone, tablet or related device Uses: first functional method for transporting movies, music, large data over internet. Saves space, money & infrastructure build-out.



Peer To Peer Mesh Video, Audio Internet Mesh Internet Data Distribution.

System and method for providing load balanced secure media content and data delivery in a distributed internet environment. Uses: first functional method for transporting movies, music, large data over internet. Saves space, money & infrastructure build-out.



Peer To Peer Mesh Video, Audio Internet Mesh Internet Data Distribution Mobile Hardware.

A Mobile multi-network communications device. Uses: first functional method for transporting movies, music, large data over internet. Saves space, money & infrastructure build-out.



Electric Vehicle System With Hot-Swap, Instant Recharge, Low Costs & High Safety.

A complete, easy to build, vehicle system. Uses: Provides energy production, storage and distribution from any renewable organic material including water. Uses: Safe, non-toxic, long lasting. Can be acquired from within domestic borders. The longest running, safest, lowest cost, multi-fuel, renewable energy vehicle ever designed, to- date.



Fuel Cell Energy Production, Storage & Distribution.

Hydrogen storage, distribution, and recovery system. Uses: Provides energy production, storage and distribution from any renewable organic material including water. Safe, non-toxic, long lasting. Can be acquired from within domestic borders.



Fuel Cell Energy Production, Storage & Distribution System.

Method and apparatus for a hydrogen fuel cassette distribution and recovery system. Uses: Provides energy production, storage and distribution from any renewable organic material including water. Safe, non-toxic, long lasting. Can be acquired from within domestic borders.



Peer To Peer Mesh Video, Audio Mesh Internet Data Distribution and Online Media Commerce.

Media file distribution with adaptive transmission protocols. Uses: first functional method for transporting movies, music, large data over internet. Saves space, money & infrastructure build-out.



Fuel Cell Energy Production, Storage & Distribution.

Solid-state hydrogen storage systems technologies. Uses: Provides energy production, storage and distribution from any renewable organic material including water. Safe, non-toxic, long lasting. Can be acquired from within domestic borders.



Electronic Propulsion Technology Using Broadcast Energy Power Source and Micro Thruster Design.

Electronic flight propulsion system using ion discharge and broadcast power long term flight system.

Uses: Provides energy production, storage and distribution from any renewable organic material including water. Safe, non-toxic, long lasting. Can be acquired from within domestic borders.

broadcasts energy to devices in order to reduce weight of the vehicle by eliminating engine. First use of “micro-thruster” technology now in use in multiple space vehicles.



Fuel Cell Energy Production, Storage & Distribution.

Hydrogen storage, distribution, and recovery system. Uses: Provides energy production, storage and distribution from any renewable organic material including water. Safe, non-toxic, long lasting. Can be acquired from within domestic borders.



Fuel Cell Energy Production, Storage & Distribution Chemistry Optimization Process.

Methods for hydrogen storage compositions. Uses: Provides energy production, storage and distribution from any renewable organic material including water. Safe, non-toxic, long lasting. Can be acquired from within domestic borders.



Internet Video On Demand System For Web Commerce Using Media Data.

System and method for providing information dispersal in a networked computing environment. Uses: first functional method for transporting movies, music, large data over internet. Saves space, money & infrastructure build-out.



Physical Design And Layout For Touch-Screen phone and MP3 Player.

Wireless media access and storage apparatus in advance of any previous touch-screen smart phones or MP3 players. Associated with filed utility patent on complete mobile advertising and commerce system. Uses: mobile touch-screen smart-phone for easy mobile communications and experiences. This patent proceeded the top MP3 smart-phones by many years



Virtual Reality System With Headsets, 3D Surfaces and Walk-In Chambers.

Methods and apparatus for generating and processing VR using the first documented “Holodeck” or “Cave” system. Uses: Visualizing medical efficacy of treatments, design buildings, structures and objects, entertainment, engineering. This was one of the first patents ever issued for a full VR system



Virtual Reality System With Headsets, 3D Surfaces and Walk-In Chambers.

Methods and apparatus for generating and processing web VR using the first documented “Holodeck” or “Cave” system or working glasses as computer/display technology. Uses: Visualizing medical efficacy of treatments, design buildings, structures and objects, entertainment, engineering. This was one of the first patents ever issued for a full VR system



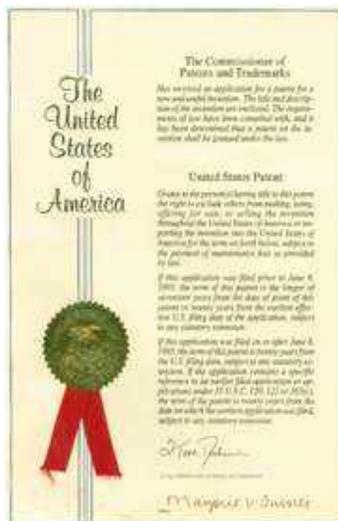
Virtual Reality System With Headsets, 3D Surfaces and Walk-In Chambers.

Methods and apparatus for generating and processing VR using the first documented “Holodeck” or “Cave” system or working glasses as computer/display technology. Uses: Visualizing medical efficacy of treatments, design buildings, structures and objects, entertainment, engineering. This was one of the first patents ever issued for a full VR system



Social Media Interaction and Commerce For Mobile Devices.

Methods and apparatus for interacting with others over a network for social engagement and commerce. Uses: first functional method for transporting movies, music, large data over internet. Saves space, money & infrastructure build-out. Allows for commerce via social networks and the operational design of social networks.



Every patented product design, Applicant developed, has products that have been built, demonstrated, sold and delivered. Many of these patents are considered “Seminal Patents” because they were “first-of-their-kind technologies.

AWARDS AND COMMENDATIONS:



Applicant, is expert in problem solving, product innovation/invention, solution building & team coordination. Applicant has worked for corporations, public organizations, community groups, task forces, emergency services teams, government agencies and investors, to lead and manage revolutionary innovation projects. Clients, and employers have hired Applicant when they have a big problem, that needs a novel solution, developed and delivered from an innovative perspective. You can't find a problem that Applicant's teams can't solve.

LARGE SET OF REFERENCE LETTERS FROM PAST PROJECTS:



(Original copies available – copies available in applicant's in-person interview binder)

PUBLIC SERVICE

With commendation letters from U.S. President's, U.S. Vice President's, The U.S. Congress, State Assembly, Senator's, Mayor's and business leaders nationwide, Applicant has proven his support for the public interest, for many decades. Applicant represents all political interests in a dedication to bi-partisan productivity. Applicant has also served on non-profit boards, community teams, law enforcement task-forces and emergency services agencies.

A FEW REFERENCE STATEMENTS ON FILE:

"ANN's Paul Plack talks with "APPLICANT", who recently received a patent for an improved way to use new electrically charged, polarized, proprietary alloys to create thrust to lift small aircraft without the need for a propeller, jet, balloon or rockets."

- Aero NewsSpecial Feature, National Broadcast

"NowHouse, at SBC Park, points the way to a more affordable, eco-friendly housing industry. The brainchild of technology wunderkind "APPLICANT", the NowHouse brings together more than a hundred corporate sponsors and several government agencies eager to educate the public and the construction industry about a safer and..., yes, cheaper -- way of building new homes."

- SF Gate

""APPLICANT", ...an innovative multidisciplinary home design and construction systems company,..., America's largest panelized systems producer, announce a joint venture to develop new generations of materials and systems integration that will deliver precision-engineered, system-built homes for America."

- PR Leap

"...a San Francisco-based start-up executive and "Venture Solutionist", is regularly sought out by major companies and investors to lead and engineer revolutionary projects in the fields of technology, media, environment and science. He is known for his ability to visualize, architect and deliver cutting-edge developments for global markets, problems and needs. "APPLICANT" holds many seminal core patents for his inventions, most of which are geared to the development of products and tools that improve lives. Through his ground-breaking innovations and astonishing productivity, he demonstrates a superhero-like ability to see the big picture and deliver results that tangibly enhance the way people experience their world."

"...A senior tech executive who is also a product designer with many issued U.S. and foreign patents, "APPLICANT" has received numerous awards and accolades for innovations that revolutionize human process. As a writer, he is published in a variety of media. As a subject, he has been covered in over 200 newspaper, radio, TV and magazine stories, articles, cover stories and features. His inventions are so forward-thinking, some might even say he designs and builds the future. Take for example the human mobility system that he invented: it eliminates cars and allows people to fly using sustainable energy from a global green energy grid. It may sound crazy, but "APPLICANT"'s patent overcame an established NASA patent when he showed the U.S. Patent Office an actual unit in flight. His inventions and innovations are numerous, diverse and sometimes mind-boggling, and they all pave the way to deliver the future."

"APPLICANT"'s recent projects have focused on green, sustainable and new energy. As with most of his enterprises, his work is at the forefront of the current green and sustainable energy trends. Over the last 18 years, "APPLICANT" has developed a process to rapidly design and build green, sustainable self-powered modern homes. His greater objective is to reduce the toxicity of modern living by up to 75%. One such project is the NowHouse™, a modern, affordable, green and digitally integrated demo home. "The NowHouse was conceived to give consumers and builders alike a fully functional example of the advances that have taken place in home construction," says "APPLICANT". The stylish, modern, high-tech home was designed from safe advanced green and sustainable materials in a highly integrated manner and featured the best digital accoutrements. The first demo was built in the San Francisco Giants Stadium in 2004 and donated to Mayor Gavin Newsom for use by the San Francisco community. The two-story, 2400 square foot structure has since been lifted onto wheels, pushed onto a barge, sailed down the bay to Candlestick Park, hauled across its very own bridge and mounted on a permanent foundation to become the Hunters Point community center.

Other green projects on "APPLICANT"'s resume include Clever Homes, a green pre-fabricated home company he founded, which has been featured in more media than most competitors in the industry. He also developed the Better Homes & Gardens America's Home project featured as a series on the Discovery Home Channel. More recently, "APPLICANT" was the Project Director for the Green Hill Home Project, a national leading education program for air quality and CO2-reduced homes. The Green Hill Home Project was created for educational seminars, training, media demonstrations and workshops in cities across America and around the world. The project is a showcase, for the public and industry, of the latest building technologies for modern, green and zero-energy living. In another example of innovative leadership, "APPLICANT" developed the Nexus Array micro-generation sustainable energy plant, a sustainable home power generation system capable of producing energy around the clock. The Nexus Array system provides a 100% uptime, intermittency-free, integrated power station for the home or neighborhood. It is environmentally friendly and low-maintenance, designed to survive all types of adverse situations from extreme weather to California's fires and earthquakes.

"APPLICANT" has a long history of expertise in energy science and its practical applications, and takes a proactive approach to setting hydrogen energy policy. He authored the core hydrogen energy transport patents and secured major grants from the Department of Energy via congressional action in the Iraq war bill. His patented methods, if put into action, could eliminate the need for gasoline in the world, and thus obliterate a major cause of war and toxic chemicals polluting the earth. For one customer group, "APPLICANT" developed an innovative, plug-and-play hydrogen energy solution which is capable of powering a broad range of electricity-based consumer and commercial devices, as well as automotive transport, and eliminates the need for any specialized power delivery infrastructure (patent is pending).

America's techno-laureate is currently working on a low-cost, modern electric car with a novel battery system which will be entered in the new international Automotive X Prize contest. Once the logistics are figured out, he will post them for free to the world on the internet. This mix of ingenuity and genuine camaraderie with his fellow humans is what makes "APPLICANT" a rare breed. With no fear of failure, he truly exemplifies the saying "If there's a will, there's a way". Yet he remains conscientiously sensitive of his impact and footprint on the world around him.

While the brilliant Nikola Tesla is "APPLICANT"'s biggest inspiration to date, he credits his parents and modest upbringing for his socially and environmentally-conscious work approach. His father, a forest firefighter and ranger, taught him from an early age the value of trees and how to protect and respect your environment. These values are reflected in "APPLICANT"'s projects to this day. "APPLICANT" got his start as product designer in his parents' garage where he assembled myriad gadgets and began studying the process of inventing things, putting their pieces together and making them work. His parents purchased a small projector on which "APPLICANT" could play animated cartoon reels. "APPLICANT" taped some wax paper over an empty refrigerator cardboard box, placed the projector inside, and invited the neighborhood kids to sit in his garage and watch the "giant TV". Not surprisingly, the invention was an instant success with the neighborhood children. Even more successful and infinitely more formative was the day a car occupied the garage. Without space for the neighbors to sit and watch the makeshift television, "APPLICANT" decided he could make the experience more intimate and intense. He placed the projector outside the box this time, and for a nickel, let the kids one at a time go sit inside the box and experience the cartoon from the inside. The feedback was thrilling and the experience was "APPLICANT"'s first invention in virtual reality.

"I realized, the deeper you put people inside media, the more excited they get about it," he says of the experience. Since that moment in early childhood, he never stopped mulling over how to make a box that could also be a movie. This first,

rudimentary idea of virtual reality eventually became one of his first patents for the Digital Environment System. It is the core of the Sun Microsystems CAVE systems, used as military immersion trainers and featured as the “HoloDeck™” on the Star Trek television series. “APPLICANT”’s virtual reality patent was also leveraged for Oliver Stone’s “Wild Palms”. In the sci-fi miniseries produced in the early 1990’s, three-dimensional animated images are projected in living rooms around the world and become a new sort of disruptive television. This type of Immersive 3D can now be seen in Microsoft and Google Earth 3D online mapping and Sony Playstation “Home” systems.

As technology evolved, “APPLICANT” realized there were ways to implement the ideas he had visualized or dreamed about. He also understood that investors would fund his dreams if they represented worthy objectives that would help improve the world. “APPLICANT” pushed his Virtual Reality dreams a step further after seeing the film “Fantastic Voyage”. In this 1966 science-fiction story featuring Stephen Boyd and Raquel Welch, a submarine full of scientists is shrunk to microscopic size and then injected into the blood stream of a dying diplomat. The scientists then use lasers and other tools from the inside of the body to save the diplomat and help avert an international crisis. The film inspired “APPLICANT” to target his Virtual Reality patents on scientific objectives. He felt that with enough data, doctors and researchers could simulate and visualize a disease like cancer from the inside of the body and, by running mock tests, reach a cure much faster. Thus came the development of simulation technology for cancer efficacy studies. This immersive visualization technology is now used to train surgeons through complex surgeries, and has been employed by large companies to accelerate and improve product design and employee training in fields like farming, retail, and auto and aircraft manufacturing.

A technological and scientific savant, “APPLICANT” is a member of that small group of individuals with extraordinary and very specialized cognitive skills. But like superheroes, geniuses have their Kryptonite. For “APPLICANT”, his disability appeared in a peculiar form of dyslexia. One of his clients, fascinated by “APPLICANT”’s incredible capacity to comprehend and analyze large-scale complex processes, offered to pay for a study of his brain. “APPLICANT” participated in research at multiple medical universities and underwent brain-mapping and other cognitive neuro-scientific testing. The results concluded that he suffered from a type of audio dyslexia about numbers. He is unable to aurally process numbers, sequences of things, times or time spans, and must manage numbers in a visual context. To overcome this obstacle, he has invented “organic math”, a new way to experience mathematical concepts which some have adopted as a new way to teach math.

“Almost everyone who has dyslexia has an accompanying “super power”” says “APPLICANT”. His “super power”: one of the highest measured spatial reasoning and rapid perceptual skill sets the researchers had measured in the U.S.. Not satisfied with this gift, “APPLICANT” has spent the years since his diagnosis researching and training himself on how to improve and maximize his special capacities. His self-training has paid off, particularly for his investors: the productive inventor is now able to process and construct complex patent-awarded systems much more quickly and efficiently than ever before.

“APPLICANT”’s cognitive super-abilities and his excellence at problem-solving have allowed him to lead a successful career as a launch CEO, project leader and self-defined “Venture Solutionist”. He boasts an impressive track record for developing new and recovered technologies from multiple disciplines into commercially viable products for industrial, commercial and military uses. “APPLICANT”’s multi-disciplinary training, education and experience includes the fields of material science, chemistry, electronics, management, systems, networking, intellectual property management, media technologies and applied science. “APPLICANT” has become an expert in the life cycle of an idea or startup project. Over his career, he has done it all: generating an initial idea --whether from his own technology or that of others--, securing intellectual property, gathering talent, raising money and developing companies, “APPLICANT” has taken dozens of revolutionary companies and products from idea to launch. He appears ready to leap with neurons firing at whatever daring clients or investors will bring to his plate next.

Utilizing proprietary conceptual development methodologies, “APPLICANT” and his team deliver projects that few others are able to bring to fruition. “The management of products, projects and businesses from concept to completion is my specialty,” he says. Whether the challenge is developing a visionary concept into an artfully designed product, marketing and launching an innovative start-up business, or producing a spectacular experience for several thousand attendees, “APPLICANT” seems to find the most novel and productive path to results. He describes his work approach as a partnership with his clients, to which he applies his multi-disciplinary expertise with the objective of designing and delivering the most innovative and efficient solutions. Creativity and productivity mixed with a laser focus on the big

picture let him chart the path to success for any concept and create high value for a low cost.

This approach seems to work. Over the past decade, "APPLICANT" has been at the forefront of sweeping digital media advances. One of his many, well-known, patented technologies is the digital environment system, used as the core of the Sun Microsystems CAVE systems. Following in this vein of media-related innovations, "APPLICANT" co-founded a company which in 2000 provided the internet's most advanced infrastructure to date for the delivery of full-screen, on-demand video and audio solutions. This advance revolutionized the broadcasting industry and "APPLICANT" received wide acclaim for his software-based tools. Another of "APPLICANT"'s widely acclaimed products is the particle broadcast system, the first all digital web-to-television full-screen, global broadcasting technology. The particle broadcast system breaks data into particles like water and "sprays" them across the internet to be called for as needed and through the fastest path possible. This technology is known for being the first design to particulate media for "scatter-and-reassemble" processing in order to effectively alleviate web congestion and provide extensive security.

"APPLICANT" invented the digital supply chain and device message broadcast technology, which allows systems to automatically talk to each other. That patent overwrote the patent of a major oil company. He also invented some of the first, and smallest, wearable computers and multi-media PDA's, as well as the first PC-based 360-degree rotational flight simulator. He has produced and launched over 40 products, ranging in complexity and impact but all focused on launching us into the future. At Xensys Studios, a company he founded to produce large-scale projects using digital human management technology, he was renowned for the seamless design and management of major projects totaling over 6 million attendees. Over 25 years ago, "APPLICANT" started his first company, Clever Industries, with the foretelling objective to focus on creating breakthrough products that improve the human experience.

Among "APPLICANT"'s proudest accomplishments is founding Production Works in 1978, an organization dedicated to empowering the "Future Today". "APPLICANT" remains the inspiration behind Production Works, recruiting leaders in international business, government, design, engineering and education to collaborate on novel efforts and forward-thinking projects.

While remaining productive with inventions and product launches, "APPLICANT" tries to devote at least 15% of his time and income to community service. He manages a family foundation which focuses on three target areas dear to his heart: children's issues, social change and medical issues. He has built an internet learning education center for the Children's Garden of California, a center for abused children. He also offers workshops on creative visualization for inner city kids where he teaches that everyone has the same superpower as he does and that you simply must focus on it to use it. As co-producer of redevelopment, "APPLICANT" helped establish a major public events program for Ft. Mason Center in San Francisco which repurposed the center from military to public use. "APPLICANT" volunteers at the local crisis center and has worked with several established non-profit organizations like March of Dimes, American Red Cross, Planetree Health Resource Center, American Cancer Society, Amnesty International and others.

"APPLICANT" has dedicated his career to developing technologies that help people lead better, more flexible and empowered lives, with a focus on clean technology and a respect for the environment and his fellow man. He seems to welcome the most challenging ideas and thrives on transforming dreams – his own or others' -- into impressive reality. Over the past 20 years, his projects and inventions have led the way for major influential changes in our technology and society. When asked what makes his projects or approach different, "APPLICANT" responds "You can expect the extraordinary!" Based on his track record, whatever "APPLICANT" puts his super-human neurons to next will no doubt be some incredible disruptive technology with extraordinary results."

- E2 Newsletter

"Everything was just terrific. Needless to say, without your help we wouldn't have had an event at all. My sincere thanks for a great job."

- The Public Relations Bank

"APPLICANT" has developed a "micro" version of its Head Mount Sensory Interface (HMSI) for simulation, visualization, and immersive interactive media applications. The unit looks like wrap-around sunglasses, but it delivers color images and spatial sound and is equipped with position sensing, voice command abilities, biofeedback, and other computer/human factor solutions in one integral package."

- AI Expert

"The HMSI can run wireless, as power is generated by a battery pack, with the installed option to link directly to normal AC power. The HMSI enables the user to view computer-generated images in stereoscopic 3D form. Interaction can be achieved via mouse, gesture sensor, head-tracking system, or voice commands relayed by an installed voice-command unit."

- AI Expert

"You peer through the goggles, seeing a town far below. Then with a quick twist of the wrist, you're diving toward Main Street, swooping and banking through the sleepy village. It's like a dream of flying but with complete control. Stepping back from the viewer in the local office of Silicon Graphics Inc. is disorienting. So that's what they mean by "virtual reality." It's a stunning experience. But equally astonishing is the idea that fantastic voyages formerly reserved for high-tech researchers will soon be possible in the local mall, or even your living room. "The hype is over and the real applications are coming in the very immediate future," says "APPLICANT", president of "APPLICANT" in San Francisco. A bevy of companies - Silicon Graphics among them- are designing home terminals for the information highway, but "APPLICANT" is likely to be at the forefront when it comes to bringing virtual reality gaming, education, conferencing, and the like into the home. The company has been building arcade games for 20 years; last week it showed the industry its CyberPod, a 3-D system that can be used as the core of a variety of games. More importantly, it's been creating a variety of pieces - stereo goggles, dual-image computer display adapters, and a consumer-oriented simulation network - that will let couch potatoes fly. Mr "APPLICANT" said his company, which consists of a core of 10 employees working with 150 contract developers, is in talks on licensing of the ImagiNET technology with most of the large telecommunications companies that are planning high-capacity data pipes into the home. The way to make it make sense to the volume user just kind of "clicked in' in the boardrooms recently," he said, "Interactive, as opposed to "pump at you," hadn't been in the business plan." But it became apparent that we were seeing a "sociological and industrial revolution," he said. "APPLICANT"'s home gear relies on its patented Head Mounted Sensory Interface, which provides high-resolution stereo video and sound, linked to the position of the wearer's head. For starters, (the network) lets owners of moderately powerful PCs call in and romp through "synthetic digital worlds" with others around the world. In the future, Mr. "APPLICANT" sees it as a "one-stop source" - the gateway to theme parks, video on demand, shopping, training, and other information-based activities."

- Baltimore Sun

""APPLICANT" showed us a prototype of the tactile feedback wall modules. The unit we saw was an aluminum box with one face covered in a soft, compliant rubber-like material, about two-thirds the size of a brick. An antenna protruded from one end, and, according to "APPLICANT", received DXF file descriptions, which were displayed on the soft face as 3D representations of silhouette-like shapes. We saw (or rather, felt) a small box and a crescent wrench displayed. The system changed rapidly, in about one second or less. It appeared that the display was made of an array of small pins, but "APPLICANT" would not comment on its workings. ""APPLICANT"'s future is in telecommunication. "All of this is telecom technology, not just simulation technology," "APPLICANT" explained. They are working with several entertainment and telecom companies to provide networked, wide-area VR. They want to provide a "Put it on, turn it on, and go" technology that will empower its users as controllers of their media environments. Toward that end, "APPLICANT" and several partners are working to establish a basis for interconnects (local phone companies) to use a standard telecom interface to VR technology. This is necessary to enable on-line services to thrive.

- CyberEdge Journal

""APPLICANT" introduces micro version of Head Mount Sensory Interface. The unit looks like black wrap-around sunglasses and provides stereoscopic color images, spatial sound, position sensing, voice command, biofeedback, and other computer/human factor solutions in one integral package, company officials said.'

- Silicon Graphics World

""APPLICANT" is a supplier of some of the most advanced computer assisted interactive visualization systems. The visualization industry incorporates elements of multimedia, simulation, virtual reality, 3-D computing and telecommunications. The intuitive nature of "APPLICANT"'s products allow the integration of the computer application and the user, with the goal of responding to the sociological need to become emotionally involved with the working environment. "APPLICANT" has a number of unique selling positions that provide the Company with one-of-a-kind potential."

- Virtual Reality News

""APPLICANT""s Cyberchair...Instead of dropping a coin into an arcade you will drop into virtual worlds"

- **Richard Hart, The Next Step, Discovery Network Television**

"This kind of technology gives you emotional contact with your work..."APPLICANT" is (shipping)..."

- **E! Entertainment Network, International E! News Daily, Television**

"("APPLICANT""s) hardware's impressive. Put on their 3D head mounted stereoscopic glasses equipped with speakers, then hook a special game unit into your telephone line..."

- **Gamepro Magazine**

"If you liked VR.5, you'll love Fox's Virtual Reality Tour..."

- **Fox Network, Nationwide prime-time series of television ads featuring Entertainment Rides and Software**

"In over a dozen different events, "APPLICANT" has proven himself to be highly motivated, extremely cost conscious, efficient and a pleasant person with whom to work...I commend "APPLICANT" for the excellent work he has done for the National Park Service and recommend his work."

- **General Superintendent, United States Department of the Interior National Park Service**

"Thanks again for your valuable participation in our Lasers for Live Performance workshop. Your insights truly rounded out the program and gave our members interested in management and design another perspective on which to base their performance decisions."

- **Northern California Association for Theater Techniques**

"Well planned and coordinated by Mr. "APPLICANT". He was cooperative and highly reliable. He met every condition imposed by the city agencies and delivered the show exactly as planned."

- **Recreation and Park Department, City and County of San Francisco**

"As Mayor of San Francisco, I am pleased to have this opportunity to acknowledge the artistic efforts of "APPLICANT", and to congratulate and thank him and all his assisting artists and technicians."

- **Mayor, San Francisco**

"It was a pleasure working with you, "APPLICANT". You knew exactly what had to be done...and you did it. Your work crew was marvelous too...from all of us, our sincere appreciation for all of your hard work on our fun time show."

- **KNBR Radio**

"I can't recall when I've had such good support by anyone as I did through your efforts for us every day and night of our extremely demanding production schedule...The film we're now editing for our May broadcast is everything I'd hoped it would be."

- **Producer, DIRECTIONS TV SERIES, ABC Television Network**

""APPLICANT" is creative, dedicated and has pride in his ventures. I know he would do his utmost to produce future events of even greater proportions and do them well."

- **American Zoetrope**

"It is always difficult to express hard work, hours and hours of exhaustive work, aching backs, in one letter. KYA Radio wishes to express their gratitude for your work, and your efforts that surpassed excellence."

- **KYA Radio**

"I think it's fantastic how you are able to pull off things that the rest of us could only dream of doing."

- **Hyatt Regency**

"Just wanted to drop you a note of thanks for all your help... It was a pleasure to work with you."

- **American Fairs Inc.**

"I particularly appreciate your sticking to the time schedule and staying within the budget."

- **K-101 Radio**

"We are very appreciative for the excellent job you performed as show coordinator and for your technical assistance."

- **AINAF**

"We are particularly pleased with his ability to draw together diverse elements of this City's many communities including public officials and neighborhood associations."

- **Fort Mason Foundation**

"Just to let you know-I'm ecstatic that I discovered your existence."

- **Serramonte Public Relations**

"I just wanted to officially thank you and tell you how nice its been to work with you."

- **San Francisco Giants**

"Your expertise in production and your ability to forsee many of the potential problems helped us to avoid any unpleasant situations. We want to let you know that everyone commented on what a pleasure it was to work with you."

- **Planetree Health Resource Center**

"It is always refreshing to be exposed to real talent and imagination. It is even more rewarding to be able to utilize this resource."

- **AT&T Network Systems**

"You and your team are terrific. We are proud of the results of your efforts and thank you for your dependability and know-how."

- **Ramada Renaissance**

"Many thanks for all the energy, time and sheer hard work ...put into the visit...of her Majesty Queen Elizabeth II."

- **Protocol Office, San Francisco**

"Just a note to "Thank You" for the magical effects you and your staff created...you were probably too busy to take notice of the "ooh's" and "ah's" from below!"

- **Chase Hamlin Associates**

"San Francisco values greatly your record of many contributions to the public expressions of our vitality and our sense of fun, as well as the highly organized skills and creative techniques you have developed..."

- **Mayor, San Francisco**

"We are receiving letters from schools and letters from the teachers and community expressing the delight..."

- **Sonoma County Office of Education**

"You really outdid yourself and made this the greatest (AIA event) ever"

- **YTL Levikow Associates**

"I hope that you will pass along to "APPLICANT" my congratulations...He can rest assured that all his hard work was evident in the finished product."

- **City Sports**

"This is a belated but enthusiastic "thank you"."

- **AIA**

"Your promotional materials describe "APPLICANT" as the "link between the possible and the impossible"...I must say, you do live up to your reputation."

- **Liberty House**

"As the sponsor, please be assured that we are thrilled with your work and enthusiasm."

- **Security Pacific National Bank**

"I want to thank you very much for your excellent leadership and professionalism."

- San Francisco Blues Festival

"I'd like to extend my sincere appreciation for your direction, time, and logistical know-how...you are an invaluable asset."

-Tracy-Locke

"Congratulations on a job well done!"

-San Francisco Examiner

"In spite of several last minute changes you were able to "pull-through" with polish and style...(it) was quite successful for Sprint".

-Sprint Communications Marketing Department

""APPLICANT" has delivered the "Micro" version of its Head Mount Sensory Interface (HMSI) for simulation, visualization, and immersive interactive media applications. The HMSI provides stereoscopic color images, spatial sound, position sensing, voice command, bio-feedback, and other computer/human factor solutions in one package. The first unit was delivered to a simulation software client in February as part of the first stage rollout of the unit for the GameGoggle device"

- Real Time Graphics

""APPLICANT", president, envisions pay-per-ride applications for the CyberPod. He says the system can connect to ImagiNET, an online computer service that provides some 3-D software programs. "APPLICANT" says other third-party services can enable users to do "remote-traveling" by using their telephone lines or satellite dishes to retrieve video that visually transports them to another place. Such systems could be used to simulate riding in a submarine, flying in a jet fighter, or orbiting the Earth."

- Robb Report

""APPLICANT" (is) creating...The Cyberchair has a VR helmet, so you too can zip about the galaxy in comfortable style-aside from "additional sensory effects" like explosion thumps, cold jets of air, hot flushes and low frequency rumble."

- Mondo 2000

"The United States Army is scheduled to award..."APPLICANT"...a contract this month to develop a hybrid virtual reality interface that will allow individual infantrymen to directly participate in large-scale simulation exercises".

- Silicon Graphics World

"...regarding your company's virtual reality network. I appreciated hearing from you, and I sincerely regret the delay in my reply...Companies like yours are the foundation upon which this nation's economic growth and competitiveness rests."

- Vice President – United States of America; On White House Letterhead

"Please be assured that your views will be considered fully as I work with the President on this (electronic superhighways) issue."

- Vice President – United States of America; On White House Letterhead

""APPLICANT", is testing its VR network, Instead of viewing piped-in worlds on your TV set while wearing a...helmet, you watch your computer monitor play a simulation game while wearing "APPLICANT"'s lightweight stereoscopic glasses with audio headphones."

- Garage Virtual Reality book

""APPLICANT" announced a major step towards the future of consumer access to virtual reality, by demonstrating and shipping a family of computer based systems which allow users to work or play together inside synthetic digital worlds, even while physically located in different locations."

- C3i News

""APPLICANT" announced they are developing for the US Army a virtual reality environment that will, for the first time, allow individual soldiers to directly participate in large-scale simulation exercises. the new Dismounted Infantry Virtual

Environment (or DIVE) will reportedly allow full, unencumbered immersion in a battle environment and will generate impacts on the environment based on each soldier's actions. Although DIVE will initially be used in military applications, the companies expect it will provide a foundation for entertainment, medical, and scientific applications, including a new generation of "virtual laser tag" arcade games."

- **Computer Graphics World**

""APPLICANT" (San Francisco) (has) been notified by the US Army of award of a contract to develop a hybrid virtual reality interface...The DIVE system will for the first time, incorporate the following technological components:

- **Electronic Warfare Digest**

"According to "APPLICANT", the president of "APPLICANT", users at "APPLICANT" enjoy the flexibility of the Autodesk CDK finding that hardware performance and configuration issues of the past are no longer a significant consideration for potential immersive visualization users. "APPLICANT" has configured numerous systems providing great performance, running CDK with standard hardware and software utilities."

- **Autodesk corporate 4-color national marketing brochure**

"...the first consumer network offering multi-users the ability to see true 3-D stereoscopic imagery, turn their heads to look around the digital world, view photo-realistic texture maps, and interact other users simultaneously."

- **Virtual Reality Report**

"The HMSI Head Mounted Sensory Interface device is a Personal Simulator component for supplying sensory information and accepting voice commands. The HMSI is ergonomically designed as a light weight, non-intrusive, information input/output device for standard video, audio, voice, and 6-D position tracking systems. The design accommodates a range of sophistication including full-D stereoscopic visuals, 360 degree audio, voice command user interface, facial muscle transponders, and optional 6-D head tracking interface. The HMSI may also be operated in a wireless mode and/or in a multi user configuration with other HMSI devices."

- **Real Time Graphics**

""APPLICANT" is betting it can tap into a generation of technologies who chatter over electronic bulletin boards. "APPLICANT" wants to bring virtual reality tele-gaming into the home by the end of next year. It's working on systems with SRI International, U.S. Sprint, Autodesk, and others... Players in remote locations will compete in VR games by connecting to a tele-simulation service, through one of "APPLICANT"'s Reality Ports or through a PC or MAC in their home. The Reality Port will be marketed to theme parks and arcades. It uses parallel 486's with Windows (moving to NT and Pentium), or Silicon Graphics Onyx workstations with a DOS shell. "APPLICANT" is ready to license and ship versions for theme parks (\$500,000) and arcades (\$50,000). The 20-year-old company employs 150 independent contractors and has annual sales exceeding \$500,000."

- **PC WEEK Inside**

""APPLICANT" introduces micro version of Head Mount Sensory Interface. The unit looks like black wrap-around sunglasses and provides stereoscopic color images, spatial sound, position sensing, voice command, biofeedback, and other computer/human factor solutions in one integral package, company officials said.'

- **Silicon Graphics World**

"This kind of technology gives you emotional contact with your work..."

- **E! Entertainment Network, International E! News Daily, Television**

"("APPLICANT"'s) hardware's impressive. Put on their 3D head mounted stereoscopic glasses equipped with speakers, then hook a special game unit into your telephone line..."

- **Gamepro Magazine**

"If you liked VR.5, you'll love Fox's Virtual Reality Tour..."

- **Fox Network, Nationwide prime-time series of television ads featuring Entertainment Rides and Software**

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