

My Computer History

When I was a technical writer with Control Data Corporation during the early 1970's in Silicon Valley, I attended a couple of meetings of the Homebrew Computer Club at Stanford University. I don't think any of us realize the scope of the true revolution that those young people were about to unleash with their toys. For a personal history of my involvement with computers see

https://web.archive.org/web/20150406130245/http://pesn.com/2006/08/13/9500296_25_years_of_PCs/.

Later while working for Timex Corporation on the Timex 2000 toy computer in Cupertino, California, literally over the back wall was Apple Computer's headquarters. I remember seeing the elaborate celebration of their fifth birthday in their parking lot. Apple Computer was the first startup ever to hit \$1 billion in sales in five years.

I later heard while interviewing at another company the secret to Apple's exceptionally fast growth without falling apart and going bankrupt. Many of their people were intentionally vastly over-qualified for their initial jobs. Thus they were able to competently handle their responsibilities as their departments under them grew so fast.

Funny thing, if we develop all of the inventions that I know of, including advanced self-powered electric vehicles, torsion field communications, torsion field school networks, energy inventions, radioactive waste treatment methods, anti-matter rockets, anti-missile beams, exotic materials, etc (see www.padrak.com/vesperman), we could possibly hit \$50 billion in ten years. We certainly have a candy store of some of the world's most futuristic inventions. For my response to a 'blank check' see below:

Gary Vesperman's Advanced Technology Projects

One of the questions I often ask when interviewing aspiring CEOs of startup companies while writing their business plans and initial public offering memoranda is this: If you were given a "blank check", what would you do? My goal is to help them visualize the ultimate potentials of their company. The following is a sketch of various visions of I believe what could be accomplished if a proverbial blank check was made available to a partnership of me and my inventor friends. Then we could more easily choose specific technology development projects which appear to be doable and are in harmony with a funder's objectives and practices.

I circulate at least two versions of my resume which begins with this summary:

SENIOR TECHNICAL WRITER: Analog and digital circuits. Computer hardware. Broadcast video camera. Radar system. Software user's guides. Currently proficient in Microsoft Word. Previously used WordPerfect 5.1 and Lotus 1-2-3. Edited Web site. Wrote part of a Web site's functional specifications. Inactive TS/SBI clearance. Seven years with corporate finance company writing Rule 504, U-7, Regulation A, and LLC disclosure documents with business plans. Accumulated advanced technology database. Cultivated extensive network of scientists and inventors. Assisted several inventors. Co-listed on several first-ever patent applications in torsion field communications.

BS Electrical Engineering - University of Wisconsin-Madison - January 1968

I have worked as a technical writer with 18 Silicon Valley computer engineering companies, EG&G Special Projects in Las Vegas, and an invention development company based in both Illinois and Utah. The Silicon Valley companies included Hewlett-Packard, Amdahl, Ampex, and Control Data. Machines I have at least partially documented included the then world's largest and most powerful computers – Control Data's 6000

series and Amdahl 580 mainframe computer, numerous computer peripheral equipment, and the Ampex BCC-10, the most complicated TV camera of its time and which was used by ABC in the 1980 Winter Olympics.

Starting in 1992 I have written over two dozen Rule 504, Form U-7 Small Corporate Offering Registration, and Regulation A disclosure documents with business plans. I have advised numerous business startups. These businesses have included aquaponic food factory, airline, polarized films, magnets, electric cars using Ukrainian super-capacitor-type batteries, restaurant, hiking guidebooks, computerized automotive shock absorbers and air suspensions, radio station, swimming pool and spa contractor, consulting services to oil and gas companies, electronic business newsletter, association of nails technicians, pen point computers, restoring classic cars, computerized mortgage originating, internet betting consulting service, movie production, miniature horses, computerized landscape design service, chain of child care centers, internet-driven delivery of prepared meals to residences and businesses, hiking trail videotapes, music recording studio, personalized data vending and exchange, hiking guidebooks, and golf store expansion. Most pertinent as you will see below, I have even participated in organizing an invention development Limited Liability Company (LLC), including writing its charter papers. I now consider myself an experienced startup company and invention development consultant.

Also in 1992 I concurrently began my involvement with a largely unpublicized underground network of scientific researchers and inventors who do not totally agree with all of the theories of mainstream science. A quarter century later I cultivate friendships and working relationships with some of the world's most original and productive inventors, particularly in the fields of energy, communications, alternative medicine, anomalous physics, waste treatment, and transportation.

It has been my core belief for many years that practical answers to omnipresent eco-problems could possibly be found by relentlessly pursuing and evaluating with honesty and fairness non-mainstream scientific theories and inventions. I am convinced that the ultra-conservative structure of American academia, government, and large corporations is simply not conducive, and sometimes even hostile, to fostering revolutionary advances in technology and science.

What may be of immediate value to a prospective funder of an R & D organization is my experience as a startup company consultant, writer of business plans and investment disclosure documents, day-to-day working experience with 20 engineering/manufacturing companies, writer of technical documents, experience with invention commercialization, and awareness of numerous potentially valuable inventions.

Torsion Field Communications

In 1998 I invented a major advance in torsion field communications which led to a first-ever torsion field communications patent application. For more on the torsion field see the "Space Travel and Torsion Field Inventions" category in padrak.com/vesperman.

The theoretical maximum capacity of torsion field communications apparently is transmission of three-dimensional holographic video through the entire earth, without any attenuation, at up to one billion times the speed of light on 40 billion separate channels. I expect torsion field communications to eventually replace all media of telecommunications including optical fiber, copper wire, microwave, radio, television, telephones, and relay satellites plus the entire Internet backbone.

Connecting together geographically diverse facilities is an obvious application of torsion field communications. All I did in about ten seconds is invent a major advance in torsion field communications probably worth more than \$100 billion. The detailed engineering work is being done by several inventor friends in Salt Lake City. It has been estimated that to prepare torsion field communications for licensing, etc., would require a roomful of first-class engineers at a cost of \$2,000,000.

When convenient I should travel to Salt Lake City for a couple of days to assess the current status of their torsion field communications project and see if and where a prospective funder can be of some aid. For instance I heard over a year ago that they would like to try a verification experiment which would include placing a torsion field transmitter and receiver in old mine tunnels on opposite sides of a mountain. I would also quiz them about other interesting projects they may be working on or at least are closely following. By the way, on Christmas Eve a few years ago while checking out an unrelated weird physics project, I found an interesting project that could have bearing on torsion field communications, but needs funding also.

Advanced Self-Charged Electric Vehicles

In Sept 8-9, 2000 for the Institute of New Energy Symposium, Salt Lake City, Utah, I lectured on my “Advanced Self-Powered Electric Vehicle Concept”. My paper was later published in Proceedings of INE-2000, Vol. 5, No. 2 of Journal of New Energy, P.O. Box 58639, Salt Lake City, Utah 84158-0639. Its abstract is as follows:

“Candidate technologies were originally combined into an advanced self-powered electric vehicle concept in 1993. The power train of the concept’s current version includes a modern version of Edison’s nickel-iron battery or one of four super or ultra-capacitors, a closed-cycle blade-less Tesla-type steam turbine or one of several over-unity magnetic motors, and one of several possible types of on-board battery chargers. Miscellaneous innovations include computerized shock absorbers and air ride suspensions, lightweight basalt/carbon fiber foam for body/frame, parts non-destructively coated with diamond or titanium nitride, and compressed air-driven air conditioner/heater.”

By combining these superb new technologies into an advanced self-powered electric car that would be superior to any other car even commonly envisioned, it evidently should not be very difficult to sell a reasonably priced car featuring:

- Powerful but quiet and emission-free electric motor, possibly with over-unity power conversion gain.
- Only a few maintenance-free lifetime environmentally benign batteries.
- Never requires refueling nor electricity recharging.
- Continuous climate control with compressed air-driven air conditioning/heating, even while parked.
- Computer-controlled luxurious but economical ride with sports-car control and automatic leveling even while parked.
- Much less bothersome and costly maintenance including no oil changes, no tune-ups, no radiator, no refrigerant-based air conditioner, and no fuel tank.
- Numerous parts non-destructively coated with diamond or titanium nitride for increased durability and safety.
- Exceptionally tough, crash-resistant basalt/carbon fiber foam body/frame, lighter than fiberglass, for increased safety with lower weight.

It ought to be such a nice car would you believe I want one for myself?

Las Vegas, Nevada is uniquely blessed with at least a half-dozen people who have actually built electric cars. They could design and build engineering prototypes of advanced self-charged electric vehicles as well as kits for converting existing vehicles to self-charged electric. The prolific inventor of an advantageous new nickel-iron battery, compressed air-driven air conditioner/heater, and low-temperature process for coating automotive parts, tools, etc., with diamond or titanium nitride for greatly increased durability even lives and works in Las Vegas.

To minimize initial capital outlays, advanced self-charged electric car features would be introduced in phases rather than simultaneously at great up-front cost. The profits earned from each phase would help finance the next follow-on phase. For example, at the beginning existing golf carts could be fitted with on-board battery chargers, and propane generators in RVs replaced with fuel-less battery chargers. Somewhat later, existing cars and trucks could have their engines, radiators, and fuel tanks replaced with electric motors, a few batteries, and fuel-less on-board battery chargers.

Standalone businesses selling auxiliary technologies, especially low-temperature coating of parts, tools, etc., with diamond or titanium nitride, could be very profitable, fast-growing ventures. The diamond deposition system and process can even be used to manufacture diamond-based semiconductor devices, another new multi-billion-dollar industry.

The last chapter of my compilation of "Advanced Technologies for Foreign Resort Project" in <http://www.icestuff.com/~energy21/advantech.htm> is titled "Advanced Self-Powered Electric Vehicle Concept". An updated chapter on the super car is also in my compilation of invention summaries in my exhibit "Gallery of Clean Energy Inventions". Exhibit links are in commutefaster.com/vesperman.html, padrak.com/vesperman and <https://app.box.com/v/CLEANENERGYEXHIBIT>.

I have written a 15-page preliminary business plan for a startup company which has the mission to aim towards the eventual design, manufacture, and sale of advanced self-charged electric vehicles. I also have written a five-page rudimentary 'grand' business plan (see below) for a comprehensive inventions development organization which would proactively discover, evaluate, test, develop and deploy inventions.

Exotic Electrical Generators

I am aware of numerous candidate exotic technologies for generating electricity which are not fueled by uranium, oil, coal, solar, water pressure, or wind. With modest assistance from a funder, mainly long-distance telephone calls, purchase of back issues and subscriptions to non-mainstream science publications, books, attendance at non-mainstream science symposia, and some travel, I would like to canvass my inventor friends and find out if anybody has invented a self-powered generator that may be of interest to a funder to help develop. Two major applications would be advanced self-charged electric vehicles and off-grid power generators for homes, offices, and other buildings.

My compilation of "Advanced Technologies for Foreign Resort Project" in <http://www.icestuff.com/~energy21/advantech.htm> describes about 40 advanced energy-related technologies. Readers should be cautioned that the compilation is over 15 years old. I have also come across some interesting new inventions such as electronically shaded photo-voltaic glass, the Hawkings' generator of cold electricity (of which I have a videotape), collective ion acceleration treatment of radioactive waste materials, the Hutchison self-charged battery, bio-energetic spheres, electrolyzed oxidizing water, dialog language replacement system, electronic brainwave tuner for permanent curing of substance addiction (e.g., cocaine, alcohol, gambling and heroin), wireless video conferencing, and a prototype of a self-charged electric vehicle.

The Nevada site www.rexresearch.com describes numerous additional inventions. I attended the September 14, 2005 public meeting in Green Valley Ranch casino held by the Regional Transportation Commission to discuss the proposed Regional Fixed Guideway – a commuter train to traverse Las Vegas, Nevada. Afterwards I submitted a comment describing possible power sources for the train "Power Sources for Regional Fixed Guideway" which is linked in the "Transportation Inventions" category of padrak.com/vesperman.

Photo-Luminescent Therapy

Due to fortuitous circumstances, I unintentionally became the middle man whereby Norman Howard of Las Vegas and Hans Becker of Dubuque met during an International Tesla Society convention in Colorado Springs in 1997. The two inventors then collaborated on their development of the Genesis frequency generator. Norm told me May 2002 that they now have frequencies stored in the microprocessor-controlled generator's memory for every known disease plus possibly some unknown diseases.

If my life had taken different turns so that Hans and Norm would not have met, it seems plausible that dozens and dozens of people would be continuing to live with the miseries of cancer, diabetes, multiple sclerosis, hepatitis C, fungus infections, etc., or even be dead by now. I plan to personally attend the ceremony if and when those two brilliant inventors win a well-deserved Nobel Prize in Medicine.

Norm and Hans have for several years been exposing their visitors to various versions of their Genesis frequency generator. Occasionally they sell Genesis frequency generators to medical doctors as well as people. So they earn enough revenue with which to finance their own research and development of other inventions besides Genesis frequency generator improvements.

I have been told by Norm they are now at the point where much larger funding would be helpful in legalizing the Genesis frequency generator for unrestricted treatment of medical and veterinary problems. I personally have met several victims who apparently have been cured of cancer, hepatitis C, and fungus infections, for example. Yet it troubles me to advocate using their device for treating fatal illnesses like cancer. What if conventional cancer treatments, painful and costly as they are, could have saved a specific cancer patient who foregoes conventional treatment for experimental treatment with the Genesis frequency generator and, for whatever reason, still dies?

Any serious financial involvement by a prospective funder with the Genesis frequency generator ought to be preceded by evaluation of similar Rife-like devices being made and sold by other people. A large amount of money is needed to have the Genesis frequency generator tested and legally approved by the Food and Drug Administration for commercial medical use.

Fiber Optic Network of Computer-Based Segmented Courses

From the early 1960's until about 1990 when I put in the last piece of the puzzle, I had a hobby which was designing a high-technology educational system. During the early 1980's, when by then I had a hazy vision of where I was heading, I predicted that computer, video, networking, and communications technologies would not be advanced enough to really make such huge networks practical until the mid-1990's.

During the winter of 1992, with the backing of the Clark County School District (Las Vegas, Nevada area), I submitted to the New American Schools Development Corporation (NASDC) a proposal for \$11,897,400 to develop a prototype small version of a fiber-optic network of computer-based segmented courses. The NASDC was an off-shoot of President Bush's America 2000 program. Funded mainly by donations from large corporations, the NASDC was a private company chartered to fund the development of radically different schools.

We did not win a contract. There were 685 other competitors for 11 awards. Afterwards we received short descriptions of the winning proposals. None of them appeared to be anywhere as advanced as my design. Sometime afterwards, the Las Vegas Review-Journal newspaper had an article that raised the suspicion that one reason for our not winning was that Nevada was not important to President Bush's re-election!

Yet I have been authoritatively told more than once, although not recently, that no other design is close to mine, and may be the only one that has a genuine chance to break the organizational logjam hampering our schools. All the other designs I have ever come across have flaws that my design doesn't have.

In fact a few years ago I came across an article claiming that educational computer experts have come to a dead end trying to make computers more useful in the schools. The basic systems engineering obstacle, which I believe I have surmounted, is that the answer lies in a completely different, complicated system which *can not* be arrived at in piecemeal fashion. My conclusion is that there is much more that could be done than just throwing a bunch of PCs into a school and then expect teachers to do some intelligent systems engineering with them.

The proposal (about 180 pages) included a development schedule which was tailored to the requirements as set forth by the NASDC. But I felt uncomfortable with their schedule. It was just too fast. It would have skipped first spending a year or so doing a few preliminary research projects which would examine the design from different angles. My intention was that since building a full-scale network for a metropolitan area would cost in the neighborhood of \$100,000,000, once the small projects were finished, we would all then have a better understanding of the costs, capabilities, and limitations of the design.

Assuming that equipment costs continued to come down, and that the pilot program worked well, the next step was to expand the pilot network into a prototype full-scale version. The engineering was to be done during the third year of the pilot program. It would then take at least a year to build, and another two years to fully make the conversion from the conventional system in all networked schools.

A cadre of experts would have eventually been built up in the Las Vegas area well-versed in all aspects of engineering and using school networks. A potentially multibillion-dollar business could then be spun off to market, configure, install, and maintain school networks around the world, each network averaging \$100 million.

So it may be appropriate for us to take a fresh look at this project and possibly fund some small preliminary research projects. Computer, telecommunications, and video technologies have of course advanced considerably during the intervening quarter century.

The excessively high estimated cost of the school networks is partly due to laying wide-band fiber-optic cables between the schools. By rethinking my design from the ground up in terms of utilizing the Internet and even torsion field communications, I see a high likelihood of drastic cost reductions and possibly even modest increases in features and capabilities.

My compilation of "Advanced Technologies for Foreign Resort Project" in <http://www.icestuff.com/~energy21/advantech.htm> has a chapter titled "Computerized Fiber Optic School Network" which includes a summary of my design. The 180-page hard-copy proposal was recently scanned into a .pdf file which is now linked into the "Space Travel and Torsion Field Inventions" category of padrak.com/vesperman. An overview is in the "Torsion Field School Network" group in my exhibit "Gallery of Clean Energy Inventions" which is linked at commutefaster.com/vesperman.html, padrak.com/vesperman and <https://app.box.com/v/CLEANENERGYEXHIBIT>.

Mineral Fertilizer

My compilation of "Advanced Technologies for Foreign Resort Project" in <http://www.icestuff.com/~energy21/advantech.htm> has a chapter titled "Crime, Substance Abuse, and Birth Defects". A startup company mines, grinds, bags and sells a mineral fertilizer that is more complete in trace elements than any available in the world, except for one deposit of 5,000,000 tons in Australia. It owns part of a

billion-ton deposit in one of the western states. A funder could help finance completion of its mining claim acquisitions and expanding its processing and marketing. I expect a finder's fee if a funder provides any financing.

Other Futuristic Technologies

I am aware of still other futuristic, sometimes unbelievable technologies. I have personally seen demonstrated more than once probably the most visually awesome, jaw-dropping product of underground scientific research – etheric weather engineering. A star non-mainstream researcher, Tom Bearden, recently published on the Internet detailed patent application descriptions of some really cool devices. One of Bearden's inventions can create a time-stopping zone in which a clock will pause. Another one restores an organism to match its genetic template. Still others involve neutralizing radioactivity and producing energy. My own list of inventions includes micro-channel gas filter, Tesla turbine combustor, ultimate system modeling software with cardiology as one application, metamatter for revolutionary energy sources and rocket engines, Casimir-effect self-charging battery, 2-to-1 cylinder noble gas power plant, Richardson generator, cold operating start technology for 100 mile/gallon automobiles, Boyce hydrogen generator, continuous charger for batteries – flux shifter, magnetically powered rotary unit, portable power supply solar unit for hot water for Sterling engine, advanced Sterling cycle power unit, neutrino voltaics, sonic flocculation, fluid thrust diode, vapor generator, electric rocket, Brinsbury hydrogen steam rotary engine, gate impulse turbine, pressurized vapor driven rotary engine, broadband blocker (plastic polymer), soil remediation system, hydro-cavitator, dialog language replacement system, self-restoring mechanical oscillator engine, glass phosphors, photon robotics, energy buoyancy source, vapor generator, flux capacitor, vortical energy, plasma, and a computer chip cooling technology enabling the world's fastest personal computers.

The aforementioned Regional Fixed Guideway comment includes this list of candidate power sources: hydrosonic pump, pulsed abnormal glow discharge reactor, Davis tidal turbine, high-density plasma electron spiral toroids in neutron tube, GeoExchange heat pump, hydrino battery, metallurgical separation of hydrogen from water, high-density charge cluster device, hybrid cold fusion hydrogen reactor, electronically shaded photo-voltaic glass, Joe's energy cell, Clem over-unity vegetable-oil engine, super-steam technology, gas-phase catalytic fusion, wind-solar hemisphere power station, LUMELOID™ light-polarizing photovoltaic thin film, LEPCON™ femto diode photovoltaic glass sheet, solid-state Quantum High-Energy Density Storage or Retrieval (QUENSOR™) device, Tesla turbine combustor, buried contact multijunction thin film solar cell, fiber-based cold fusion power cell, solar hydrogen producer, Hawkings' generator of cold electricity, double-exposure flat-plate solar collector, low-temperature phase-change engine, Muller's magnetic motor/generator, hyper-cap E-converter, aluminum-water fueled hydrogen producer, converter of zero-point electromagnetic radiation energy to electrical energy, water-fueled internal combustion engine with Garrett electrolytic carburetor, noble gas plasma engine, metamatter for revolutionary energy sources and rocket engines, three versions of Casimir-effect self-charging battery, motionless electromagnetic generator, Q-cell, WIN zero point electrical energy converter, vortical energy, conversion of aluminum internal combustion engine to magnetic motor, motor/generator with electro-magnetically separated magnetic poles, Searl effect generator, 2-to-1 cylinder noble gas power plant, fuel-less Richardson generator, cold operating start technology for 100 miles/gallon automobiles, Boyce hydrogen carburetor, continuous charger for batteries – flux shifter, magnetically powered rotary unit, DiMatt Wankel closed-cycle freon/rotary turbine and generator, fluid thrust diode, Russian electrochemical energy source, high-voltage injection of rain water into cold fog, SPARTEC vacuum triode amplifier, portable power supply solar unit for hot water for Sterling engine, advanced Stirling cycle power unit, vapor generator, gas-generating BingoFuel Reactor, remediating nuclear waste with electron-captured protons with significant net energy gain, Brown nuclear battery, Brinsbury hydrogen steam rotary engine, hydro-magnetic dynamo, gate impulse turbine, flux capacitor, pressurized vapor driven rotary engine, self-restoring mechanical oscillator engine, electric rocket, energy buoyancy source, pulsed capacitor discharge electric engine, zero point energy modules, Swiss M-L converter, "negative" resistance in carbon fibers, neutrino voltaics, and plasma biomass gasification.

An updated two-page list of “Clean Energy Inventions” is linked in the “Invention Exhibits and Lists” category of padrak.com/vesperman.

Invention Development Organization

I have had experience with one invention development organization which ended up failing due to gross mismanagement, criminally borderline ethics, and ruthless thievery and transfer to India of intellectual property. If it had been equitably and competently managed I still think it would have become a productive and even booming company and yet fair and rewarding to its inventors and investors. Adapting its corporate structure to a funder’s prospective relationships to inventors and investors, a parent holding company would first be formed as a Nevada corporation. For illustration, 70% of its common stock would be owned by a funder and/or investors. The other 30% would be distributed to affiliates and key value providers such as other inventors, managers, and consultants.

Each separate invention and/or inventor would be supported by a Delaware Limited Liability Company (LLC). The parent holding corporation would own 50% of the LLC, and the inventor would own the other 50% of the LLC. The inventor would also share in the 30% or so of the parent holding corporation’s stock allocated to key people. Thus the inventors would have some incentive to support each other’s invention development efforts. In return for invention ownership agreements, the parent holding company would provide complete financial, development, manufacturing, legal, and marketing support of inventions.

The organization chart (shown at the end of this document) has some other complexities, but the foregoing kind of shows the bones.

The parent holding company should set up its own testing laboratory. A paid technical advisory council ought to be appointed to help discover and recommend inventions to pursue.

My proposal for a Henderson incubator of Russian inventions should fit in nicely. I expect a branch incubator to be established in Salt Lake City to take advantage of people I know who have extensive contacts with the Russian scientific community.

A corporate library of periodicals, videotapes, and books specializing in anomalous science and Russian technologies should be established with a paid Corporate Librarian (I have a friend who would be superbly qualified).

I have written a proposal for a “Crazy Land Museum” to be established in Las Vegas. This museum would specialize in displaying anomalous science artifacts, UFO photos (?), weird inventions, demonstrable anomalous science effects, etc. A gift shop on the premises would specialize in selling anomalous science books, videotapes, magazines, etc. The now lamentably defunct International Tesla Society in Colorado Springs had a Tesla museum and library that could serve as a model. The aforementioned Corporate Librarian could help establish and manage such a museum. It could become a modest money maker as another tourist attraction.

Corporate Projects Book

To provide an overview of the parent holding company and affiliates, a confidential “Corporate Projects Book” should be written. This Corporate Projects Book would be intended to be a compilation of essential information on each and all of the Company’s on-going and prospective invention development projects, businesses, and research efforts. The “Company” is defined to be the organization encompassing the parent holding company, its allied companies (mainly invention development LLCs) in which it holds at least part ownership, consultants, and contractors. This document should be considered subject to frequent revisions and additions.

The first chapter would be a directory of affiliated companies, contractors, consultants, employees, and facilities.

The second chapter would be a list of company-related Web sites plus some possibly useful miscellaneous Web sites. Also at least partially listed would be anomalous science periodicals, videotapes, and books owned by the Corporate Library.

The third chapter would be a list of up-coming conferences considered suitable for displaying at least one of the Company's products, learning about new technologies, and meeting underground science researchers and inventors. This list would be subject to frequent updates.

The fourth chapter would be a list of foreign countries in which company employees may have contacts along with selected information about doing business in particular countries.

The fifth chapter would be a compilation of inventions currently being evaluated by the Company for possible commercialization.

The Company would employ a corporate-wide system of assigning part numbers to documents, projects, devices, parts, processes, assemblies, etc. The Company's part numbering system, unless in specific instances is determined not to be practical, shall apply to all affiliated companies and LLC's at least partly owned by the parent holding corporation.

Each part number would begin with a top-level prefix assigned to major projects and other entities. The sixth chapter of this Corporate Projects Book would be a list of currently assigned top-level part number prefixes. The Company's part number system would be explained in detail in a separate document titled "Corporate Part Numbering System". (I had designed it as a modification of Hewlett-Packard's part numbering system.) Do not underestimate its importance.

The seventh chapter would be a generic invention description model (see below). Note that what would otherwise be lengthy sections such as business and manufacturing plans should be briefly summarized with references to titles and part numbers of applicable documents.

The remaining chapters would be descriptions of individual projects and other entities. Most of them would be designated by top-level part number prefixes, and they would be grouped together according to major markets such as energy, waste treatment, and communications.

Generic Invention Description Model

Name and Top-Level Part Number Prefix of Invention:

Name and Address of Inventor:

Name and Address of Inventor's Company or LLC:

Relationship of Inventor's Company to Parent Holding Corporation:

Date of Introduction to Company and by Whom:

Current Expenses, Revenues, and Capital Needs of Inventor's Company or LLC:

Ownership of Invention:

Legal State of Affairs:

Public Relations/Confidentiality Status:

Strategic Alliances with Other Companies:

Board of Directors, Management Team, and Advisors:

Patents on Invention:

Description of Invention:

Additional Research and Development:

Performance Verification Tests:

Market Research Results:

Definition and Estimated Magnitude of Markets:

Marketing Plan:

Marketing Licensing Agreements:

Identified Potential Customers:

Unpaid Sales:

Paid Sales:

Post-Sales Support:

Competition:

Pertinent Up-Coming Conferences for Exhibition of Invention:

Manufacturing Plan:

Shipping Plan:

Employees Hired:

Staffing Needs:

Presently Occupied Physical Facilities:

Additional Physical Facilities Needed:

Construction Projects:

Additional Resources Needed such as Tools:

Documents not Started:

Option Agreement
Technology Transfer Agreement
Common Stock Purchase Agreement
Business Plan
Development Plan
Manufacturing Plan
Marketing Plan
Drawings and Parts Lists
Engineering Change Orders
User's Manuals
Maintenance Manuals

Documents being Prepared:

Documents Completed:

Documents being Revised:

Milestones:

Speed Bumps:

21st Century City adjacent to Tonopah Airport, Tonopah, Nevada

I have several files describing my proposal for a utopian “21st century city” to be built in the vicinity of Tonopah, Nevada. Such a new city could become a test bed for some company-developed inventions as well as the originally proposed large-scale aquaponic food factory.

After elimination of other Nevada locations, Tonopah's airport turns out to be the best location for a third large Nevada city. The airport can be gravity supplied by an underground reservoir of pure water 15 times the size of Lake Mead. The water is continually replenished by runoff from three very long and high mountain ranges. The altitude is about 5,000 feet which facilitates a mild climate. The soil is gravel and/or sand which is easily workable. The land has a very gentle slope which is essential for drainage and sewer pipe placement. It is adjacent to a potentially heavy-duty airport. The runway base was constructed for heavy aircraft such as the Boeing 747. A few additional inches of asphalt would be required to bring up the runway to standard for heavy aircraft. Highway 6 offers easy drives to mountains to the east, north and west. Highway 95 offers easy drives to Reno, Death Valley, and Las Vegas. Essential infrastructure has already been installed on some of the land such as water, sewer, roads, telephone lines, and power lines which would allow a fast startup. It currently can accommodate 6,000 residents.

Nevada Incubator of Russian Inventions

Russia nurtures a highly productive engineering and scientific establishment. Unfortunately, Russia's many talented inventors face daunting obstacles when attempting to commercialize their inventions. Russia's 85% income tax discourages accumulation of private capital for investment. The Russian government's favoring and subsidizing of military applications over commercial applications of inventions is another drain on venture capital. A dearth of trained and experienced managerial talent as a consequence of nearly a century of socialism is still another obstacle to Russian inventors seeking to manufacture and commercially market their inventions.

Familiarity with Russian inventions indicates that Russian inventors have accumulated a portfolio of impressive and sometimes even astonishing inventions based on science that in some fields has advanced ahead of Western science. Yet their potentially useful and in some instances lucrative inventions lie moribund because of Russia's severe shortage of investment capital and competent managers. Furthermore, many of Russia's inventors would be open to emigrating in order to escape the miseries of Russia's collapsing infrastructure.

For three months in winter 2000, I hosted in my house in Henderson, Nevada, a Russian inventor to commercialize his invention – a patented new electrical generator, a 'hydro-magnetic dynamo' (see the "Hydro-Magnetic Dynamo" category of padrak.com/vesperman). I used to consider his hydro-magnetic dynamo (if it really works as claimed) as the world's most valuable invention. Since then I have found a couple more exotic energy inventions that look even better.

A hydro-magnetic dynamo the size of a two-car garage supposedly could continuously generate as much electricity as half of Hoover Dam's 17 turbine-generators for as long as 25 years without refueling, no pollution, and little maintenance. Nearly a dozen top-quality people worked with me on the project. It failed for the time being due to the inventor's excessive paranoia and protectiveness.

Analysis of the experience gained from working with this Russian inventor, who knew very little English and is now deceased, has determined that what is really needed in addition to a typical incubator is an expanded support environment tailored specifically to the needs of Russian inventors. Examples of incubator-provided services include an extensive research library of Russian scientific periodicals and books, a support staff of Russian-speaking typists, machinists, engineers, etc., a Russian restaurant with at least one Russian-speaking waiter, housing staffed with Russian-speaking employees, Russian-speaking doctors and dentists, and so forth.

My 'Grand' Inventions Business Plan

Over the past quarter century I have evolved a 'grand' business plan for discovering, evaluating, documenting, developing and deploying inventions worldwide as well in Nevada.

With regard to climate change my thesis is that it makes more sense to deploy clean energy inventions instead of defacing miles of pristine open space with expensive obsolete solar panels and wind turbines.

What many people don't understand is that the feds subsidize the CONSTRUCTION of solar panels and wind turbines, but not the MAINTENANCE of solar panels and wind turbines. There are already many wind turbines idled because it is not economical to haul in a large crane to replace a single wind turbine's failed gearbox at a cost of half a million dollars.

Karen Elkins has published in her exceptionally beautiful e-magazine Science to Sage her article about my plan "I have a dream" on pages 110-112 of https://issuu.com/sciencetosage/docs/inspired_by_nature_jan_2018.

Karen also designed the colorful title page and chapter title pages of my exhibit "Gallery of Clean Energy Inventions". I am grateful to her for adding a professional artistic look to the exhibit.

The Gallery of Clean Energy Inventions displays profiles of 16 Larger Generators, 29 Smaller Generators, 23 Advanced Self-Powered Electric Vehicle Innovations, 27 Radioactivity Neutralization Methods, 25 Space Travel Innovations, 20 Technical Solutions to Water Shortages, and my own design of a Torsion Field School Network. Also displayed are 26 movie posters and 98 fantastically colorful Hubble Space Telescope images. I currently have a half-dozen more inventions to be added to the exhibit.

All of the exhibit files are linked at the top of commutefaster.com/vesperman.html. A shorter version without exhibit setup instructions and movie posters is linked at <https://app.box.com/CLEANENERGYEXHIBIT>.

The linked North Las Vegas Alexander Library Exhibit file displays 46 additional Hubble Space Telescope images and the four prizes that were to be awarded to winners of the 2016 Alexander Library Gallery of Clean Energy Inventions Student Art Contest. Even more wonderful Hubble Space Telescope images are shown in the linked 2017 Las Vegas Science and Technology Expo exhibit file.

If printed out in color and taped to walls in three rows as shown in the Alexander Library exhibit file, the exhibit would take up 20 horizontal meters of walls.

For appropriate meetings the printouts could simply and quickly be laid as three rows on top of tables. With notice of a couple of hours I could display the prints on about a dozen long tables. See the photos of the 2017 Las Vegas Science and Technology Expo exhibition.

My two websites commutefaster.com/vesperman.html and padrak.com/vesperman link to over 1000 pages I have written about energy and other inventions. They also link to five books, totaling 1000 pages, I wrote in 2016 describing the hazards of toxic wireless radiation from cell phones and towers, smart meters, Wi-Fi, and wireless computers and computer accessories such as mice, keyboards and printers.

I have since then received enough troubling reports to fill a few more books about wireless radiation hazards. One such report I got a few weeks ago really caught my attention. A survey of a few European countries found that IQ's have dropped an average of 7 points in the last 15 years! This means that many more humans have become marginally retarded compared to average intelligence – a serious burden on the rest of humanity. The trend may well continue to result in many more brain damaged people who frequently expose themselves to the toxic EMF radiation from cell phones, wireless laptops, etc. DNA alterations are also causing an irreversible genetic catastrophe in humans, plants and animals.

I have a BS degree in Electrical Engineering from University of Wisconsin-Madison 1968. I worked as a technical writer for 17 Silicon Valley computer companies and with EG&G Special Projects here in Las Vegas. For 20 years I have worked part-time setting up or tearing down Las Vegas conventions as a Teamsters Union Local 631 Convention Journeyman. I have been a Sierra Club member since 1970.

I also have written two dozen IPOs and business plans for startup companies. For some time I have been working to establish a billion-dollar clean energy inventions development organization.

A headquarters could be established in Henderson, Nevada for an organization specializing in proactively discovering, documenting, evaluating, developing, manufacturing and marketing clean energy-related inventions. The organization would not be simply cherry picking inventions so typical of venture capitalists. Henderson has dozens of empty commercial buildings and hundreds of vacant houses. Henderson has been ranked as one of the nicest cities in which to live with relatively low housing costs. Lots of capacity for quick run-ups to billion-dollar invention companies. I still worry about the supply of high-grade people.

We would proactively seek out energy inventions that appear to be worthy of commercialization but lack resources or whatever. The organization would have a Technical Advisory Board to evaluate and recommend clean energy inventions. Once a clean energy invention is selected, a separate LLC would be incorporated to own and develop the invention. Then resources would be proactively applied to bring the invention to the marketplace as a Manhattan Project-styled crash program. The process would bypass writing IPOs/business plans, of which I have written about two dozen, and then begging for funding.

David Yurth's "The Hồ Chi Minh Guerilla Warfare Handbook: A Strategic Guide For Innovation Management" is the best I have for conveying my plan. His book is available for purchase from online book stores.

In particular I recommend Chapter Two – The Innovative Technology Development Pipeline.

The organization chart at the end of this document is for the same comprehensive inventions development organization near Chicago that David Yurth wrote about in Chapter Two and for whom we were employed in 2000/2001.

The flow chart for a clean energy inventions development organization headquartered in Nevada would be similar to the organization chart.

The Technical Advisory Board tasked with evaluating and recommending for commercialization of clean energy inventions would be part of the Institute LLC shown in the upper left. When expert consultants are temporarily needed by individual invention development LLCs, the Institute would serve as the vehicle for formally contracting the consultants. The Institute would also conduct seminars and train people in new technologies.

The Institute would house the Corporate Library which would accumulate and preserve publications and writings by inventors. Robert Nelson of Las Vegas would be eminently qualified to administer the Corporate Library. His www.rexresearch.com hosts something like 10,000 pages of descriptions of inventions – many of which pertain to energy.

I see the organization primarily focusing on larger generators for the power grid ranging up to over 1000 megawatts (nearly half of the total nameplate capacity, 2080 megawatts, of Hoover Dam's 17 turbine-generators), smaller generators for specialized off-grid uses of electricity, advanced self-powered electric transportation vehicles, space travel innovations, radioactive waste treatment, technical solutions to water shortages, and my own design of a torsion field school network.

I happen to know of some promising health-related inventions that could be worthwhile to closely examine for possible development and deployment. To illustrate the State of Ohio is running a contest to find the best solutions to the opioid epidemic called the "Ohio Opioid Technology Challenge". Would you believe that January 26, 2018 I won a \$500 prize for submitting my idea for a technical solution to the opioid epidemic? My entry was entitled "Electronic Brainwave Tuners for Permanent Elimination of Substance Abuse".

The text of my entry was based on pages 2, 3, and 4 of "Gary Vesperman's Inventions Nominated for Federal Assistance". To find the link go to padrak.com/vesperman. Click on the category "Invention Exhibits and Lists".

The electronic device was actually invented by two long-time inventor friends Norman Howard, North Las Vegas, and Hans Becker, Asbury, Iowa. I hadn't told them that I had entered their invention on their behalf.

Because it is actually their invention, not my invention, I split the \$500 prize between them. When talking with Hans Becker on the phone to verify his snail mail address so that I could mail him a \$250 check, he told me that he has upgraded their electronic device.

Hans is a fast enthusiastic talker. So I didn't quite catch everything he said. If I heard him correctly the new device in one session may be able to normalize brain disorders due to dementia and Alzheimer's as well as substance addiction. He is waiting for a patent so he can go public with the device. (I am curious if it can fix strokes also.)

Besides my \$500 prize the Ohio Opioid Technology Challenge also awarded a \$10,000 prize to each of the top five finalists. I read through the descriptions of the five winning solutions.

It seems they all treat only the SYMPTOMS of opioid addiction. None of them appear to stop opioid addiction cold like my friends' electronic frequency generator. The reason my entry didn't win a \$10,000 prize is probably because I am not affiliated with a large prestigious university or corporation. But the VA clinic in Pueblo, CO did actually prove that a properly tuned electronic frequency generator in fifteen half-hour sessions can eliminate addiction to alcohol, heroin, cocaine, opioids, gambling, sex and other fun stuff.

Gordon L. Ziegler deserves a Nobel Prize in Physics as possibly the world's most accurate theoretical physicist. His book "Refresher 1 Third Edition" is linked at my two websites. The refresher may well become the world's most important invention.

Gordon Ziegler has designed an 'electrino fusion power reactor'. His reactor would be about the size of a single-wide manufactured home. He projects its net output of 1880 megawatts of DC power would be nine-tenths of Hoover Dam's without refueling for a century. My "102 Electrical Energy Innovations" has details.

My plan is to build for \$10 million a prototype electrino fusion power reactor next to the huge power substation on the south side of Boulder City. A refresher within its active foot print would reverse the order-to-disorder flow of the second law of thermodynamics. The refresher MUST be turned on before the electrino fusion power reactor. The refresher continually reverses aging of the photoelectric cells blanketing the electrino fusion power reactor. Other claimed effects of the refresher, within a controllable radius of maybe a quarter-mile, include neutralization of radioactive waste, e.g. Fukushima, reversal of aged humans to young completely healthy adults, and restoring decayed fruits and vegetables to their fully nutritious freshness.

Torsion field applications (see my compilation of "Space Travel Innovations" in www.padrak.com/vesperman and commutefaster.com/vesperman.html) could themselves become another huge new business. Among the long list of potential applications of the torsion field are revolutionary new space propulsion systems, long-range sensors, communications devices, astrophysical monitoring and metering devices, geo-physical devices which can be calibrated to locate mineral deposits, water, and subterranean structures; photographic applications which are capable of imaging the interior of virtually any substance or structure, harmless cellphones could transmit between hemispheres through the earth without dropouts, harmless torsion field dental imagers, and so on.

I myself have invented a major advance in torsion field communications which apparently has a theoretical maximum capacity of 40,000,000,000 channels of holographic three-dimensional television through the entire earth without attenuation at a speed of 1,000,000,000 times the speed of light. Harmless torsion field communication systems, with components only the size of coins, are expected to eventually displace all forms of electronic communications including telephones, television, radio, fiber optic cable, and communications satellites, plus the entire Internet backbone. Torsion field generators and detectors are primarily based on special crystalline lattice cells.

Several files pertaining to the torsion field such as theory are linked in the "Space Travel and Torsion Field Inventions" category of padrak.com/vesperman. In particular the Russian authored book "Torsion Field and Interstellar Communications" attempts to briefly explain the torsion field and how the torsion field can be used to benefit human beings. They propose how interstellar communications can be organized and also propose an innovative addressing method. They provide practical tips with illustrations for building a torsion field generator or detector and some advice on how to use imaging addressing in torsion field communications.

An interesting division of the organization would be the Incubator of Russian and Ukrainian Inventions. David Yurth has the details on 125 Russian and Ukrainian inventions. The Incubator is described in detail in my compilation of "Space Travel Innovations" starting on page 102. Links to the book are in padrak.com/vesperman and commutefaster.com/vesperman.html.

The I.N. Frantsevich Institute for Problems of Materials Science (IPMS), Kiev, Ukraine, from 1951 through 1991 secretly employed 6600 of the most brilliant theoretical physicists in the entire Soviet Union to work for nearly 50 years with complete freedom. They were able to develop whole new sciences, technologies and materials unknown in the West.

Their models of non-linear quantum mechanics, plasma physics, atomic engineering, nuclear physics and related mathematical and theoretical constructs, which made their development possible, are so unique that they challenge the validity of the most fundamental assumptions embodied in the Copenhagen Interpretation model currently held in general acceptance in the West.

For example, Western-developed particle/wave quantum mechanics is described by Einstein's $E = MC^2$. The Soviet nonlinear model of quantum mechanics is described by the formula $E = MKv$ [Energy = Mass @ rest as a function of a mathematical constant where the velocity of C approaches zero]. Consequently, the more correct Soviet model has enabled numerous technical advances not yet dreamed of by Western science.

Among several energy inventions developed by the IPMS are free-standing thorium-232 isotope electric power generating plants. They can be scaled to power a single home and large enough to power whole communities. They also can operate for up to 300 years with no refueling and minimal maintenance. They pose absolutely no risk for critical melt-down since Th-232 cannot achieve criticality on its own in a nuclear pile.

My exhibit "Gallery of Clean Energy Inventions" includes profiles of several other remarkable IPMS energy-related inventions.

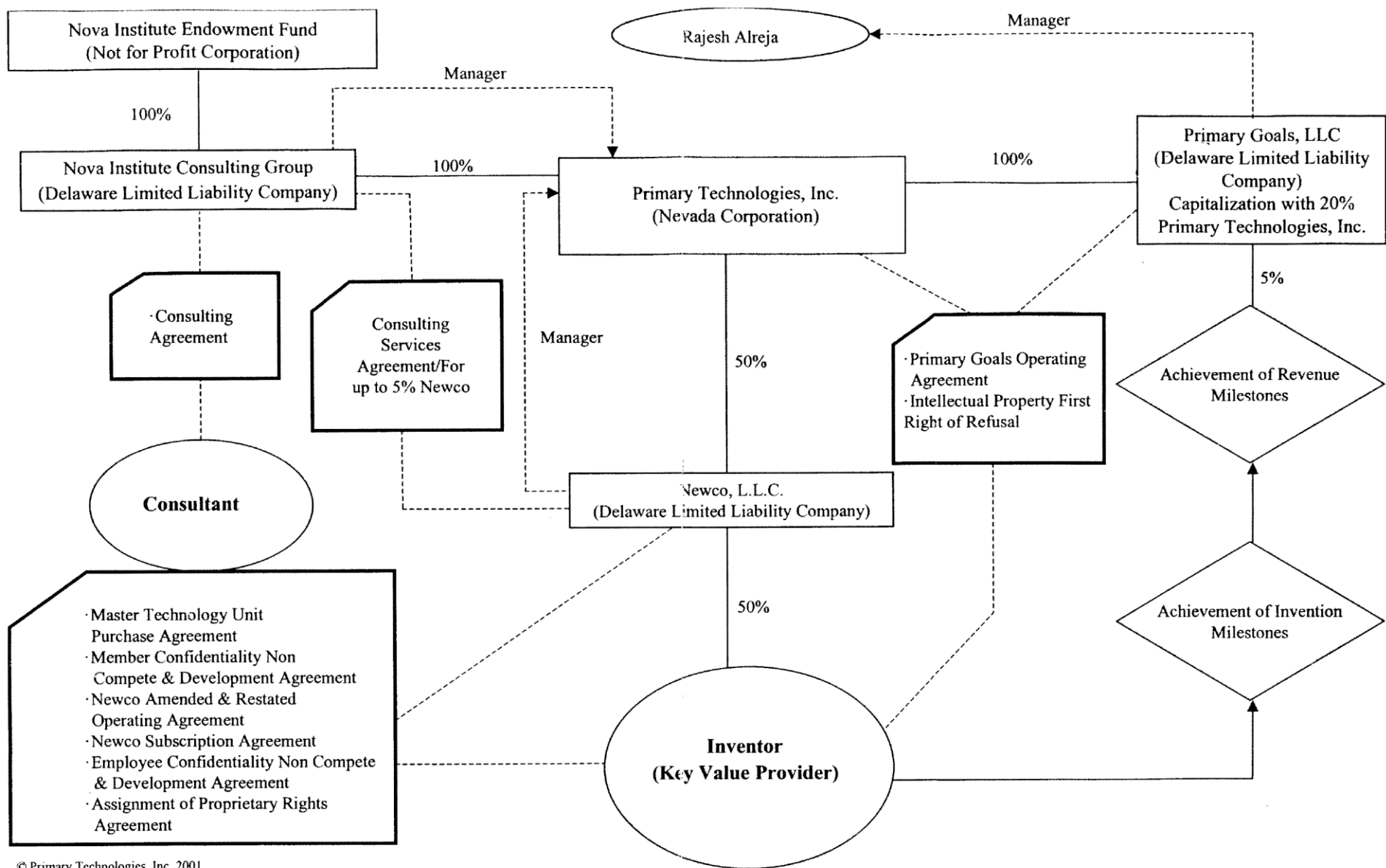
Clean energy inventions for sale could be exhibited at appropriate Las Vegas conventions without having to pay for expensive hotels and travel.

An explanation of the energy inventions development organization is in "Power Sources for Regional Fixed Guideway" which is linked at padrak.com/vesperman. It seems careful structuring of the organization would allow reasonably efficient commercialization of numerous clean energy-related inventions without much pointless waste of investment money.

Also see my comment about clean energy inventions at <http://www.ourenergypolicy.org/if-cities-and-states-could-cut-co2-without-raising-energy-bills-shouldnt-they/#comment-4211>.

I believe I am reasonably qualified to guide Nevada to becoming a world leader in developing and commercializing futuristic energy and other advanced technologies.

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